



Altivar Process ATV600 series

function of :

Minimum Mains voltage

Maximum Mains voltage

Normal Duty

Heavy Duty

Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

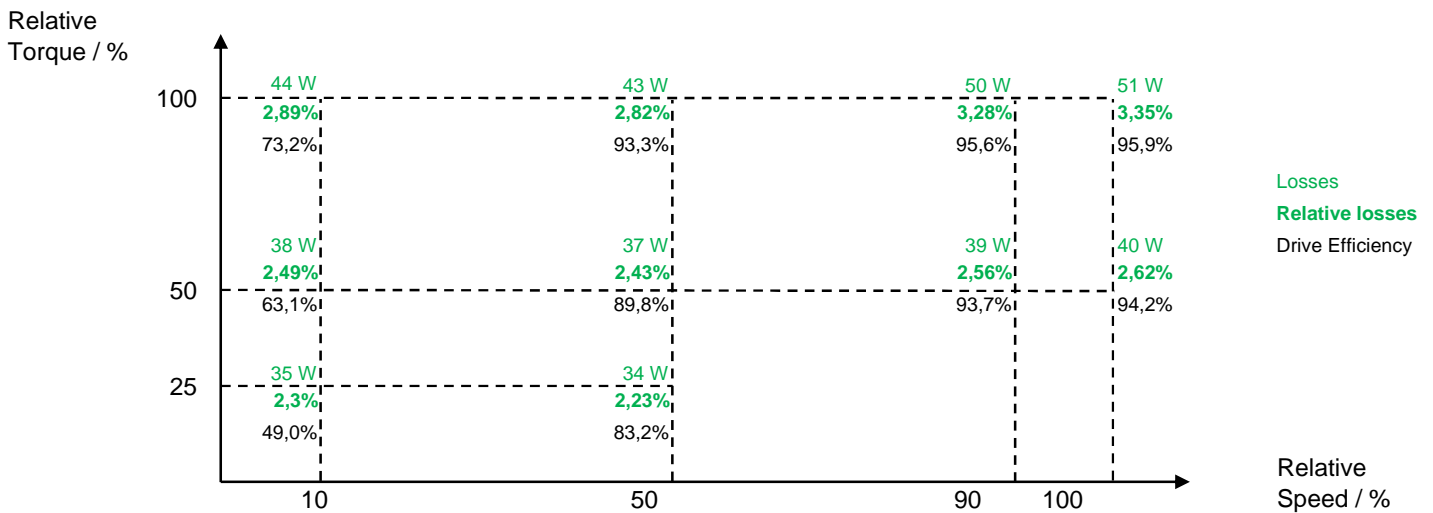
Reference : **ATV630U07N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 0,75 kW / 1 HP
 Overload : Normal Duty
 Nominal current : 2,2 A
 Nominal apparent power : 1,5 kVA
 Nominal frequency : 50 Hz

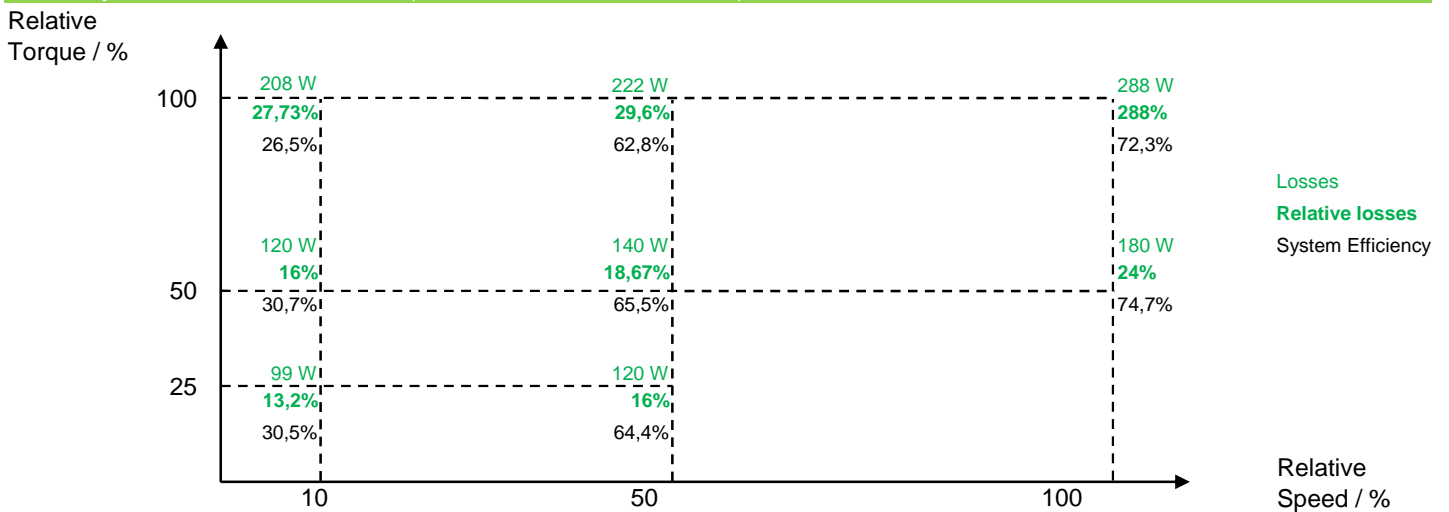


Efficiency data for the Drive

Standby losses : 14 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

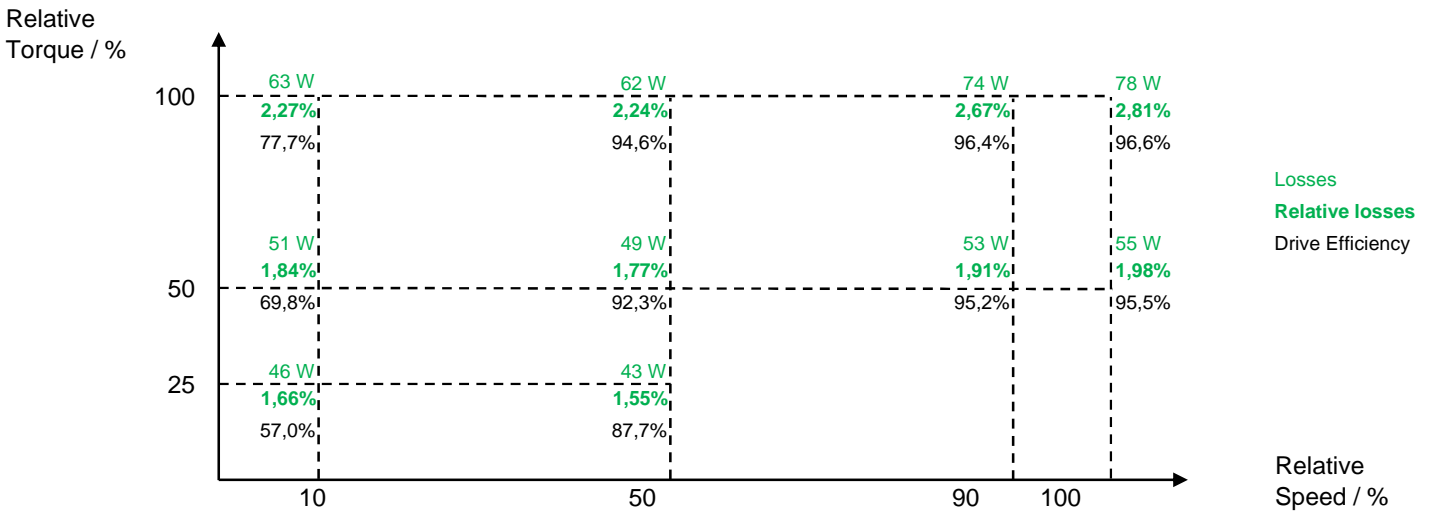
Reference : **ATV630U15N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 1,5 kW / 2 HP
 Overload : Normal Duty
 Nominal current : 4 A
 Nominal apparent power : 2,8 kVA
 Nominal frequency : 50 Hz

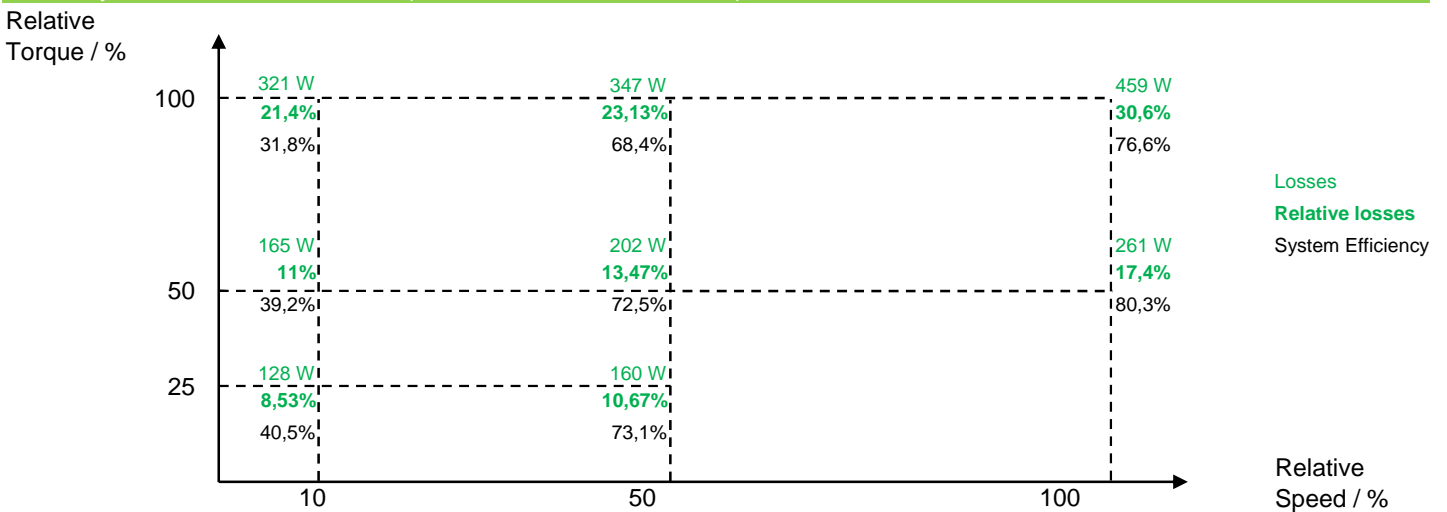


Efficiency data for the Drive

Standby losses : 14 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

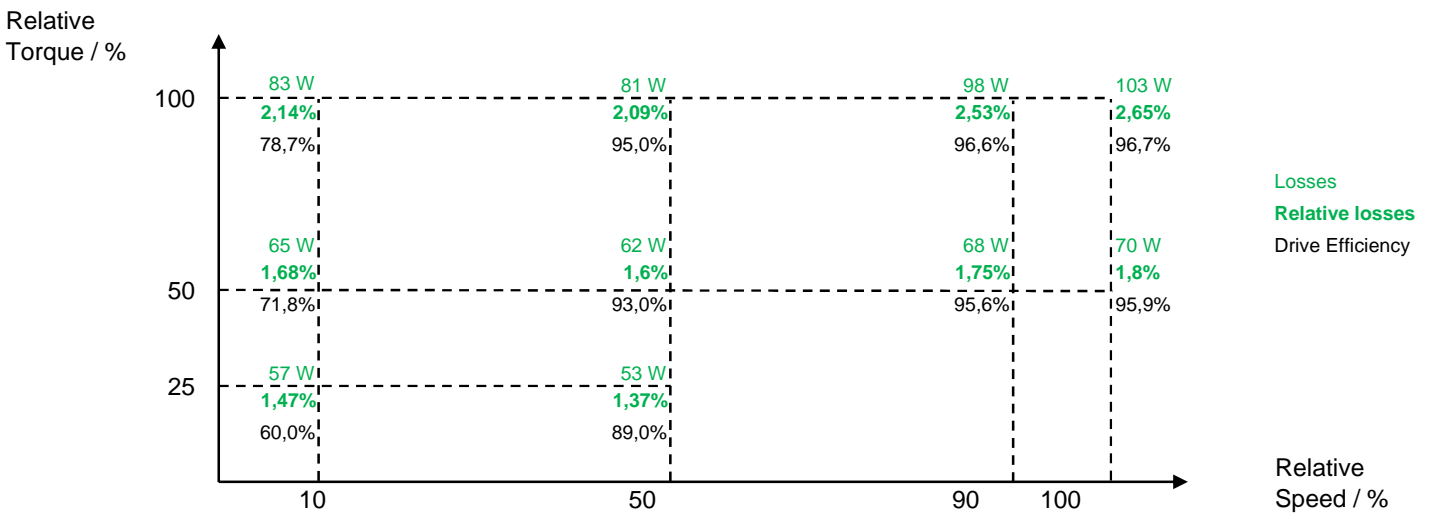
Reference : **ATV630U22N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 2,2 kW / 3 HP
 Overload : Normal Duty
 Nominal current : 5,6 A
 Nominal apparent power : 3,9 kVA
 Nominal frequency : 50 Hz

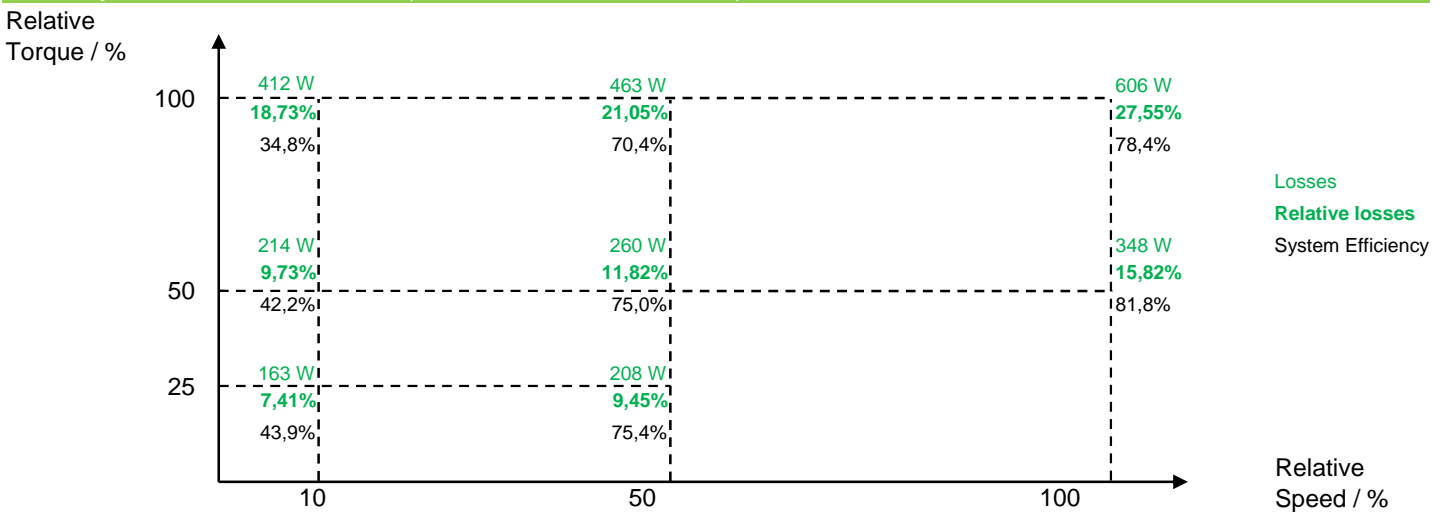


Efficiency data for the Drive

Standby losses : 14 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

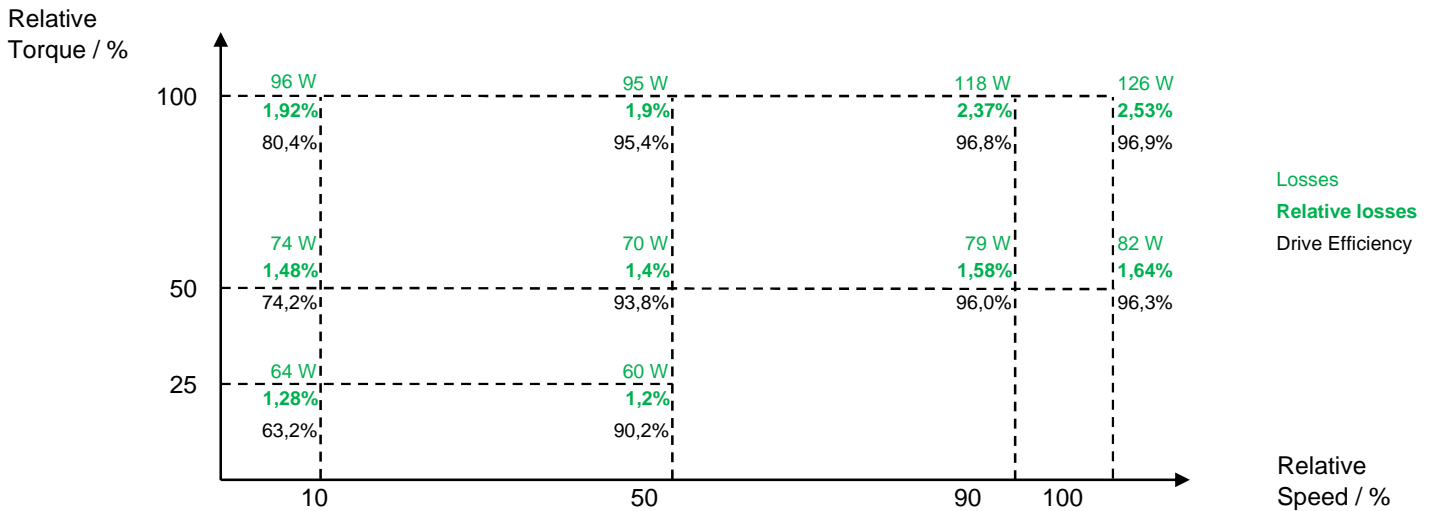
Reference : **ATV630U30N4**

Series : **Altivar Process ATV600**
 Nominal voltage : **3x 400 VAC**
 Nominal power : **3 kW / - HP**
 Overload : **Normal Duty**
 Nominal current : **7,2 A**
 Nominal apparent power : **5 kVA**
 Nominal frequency : **50 Hz**

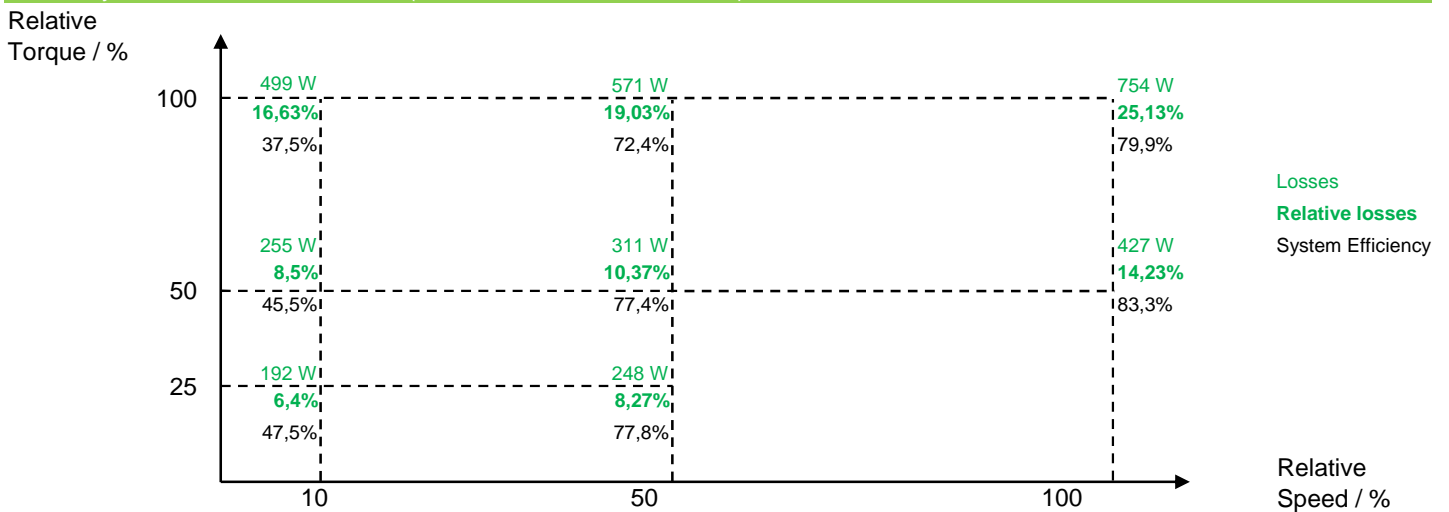


Efficiency data for the Drive

Standby losses : **14 W**



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630U40N4**

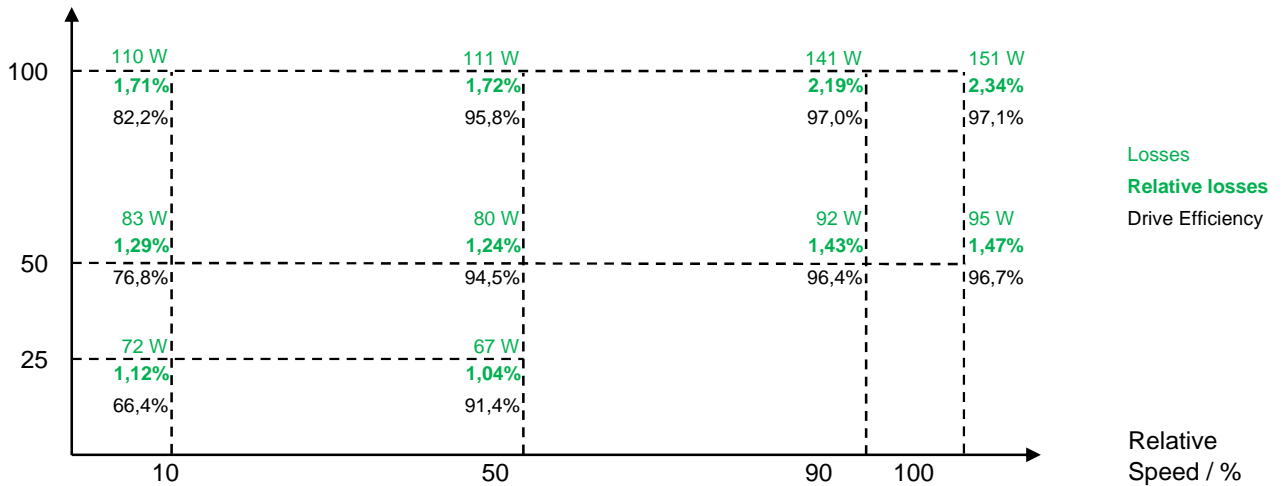
Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 4 kW / 5 HP
 Overload : Normal Duty
 Nominal current : 9,3 A
 Nominal apparent power : 6,4 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

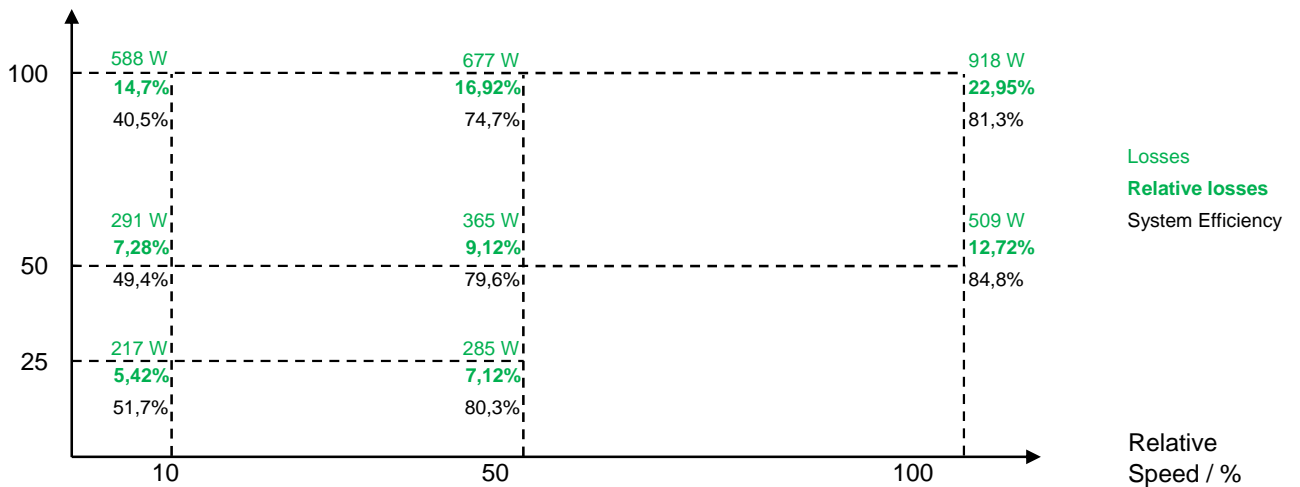
Standby losses : 14 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

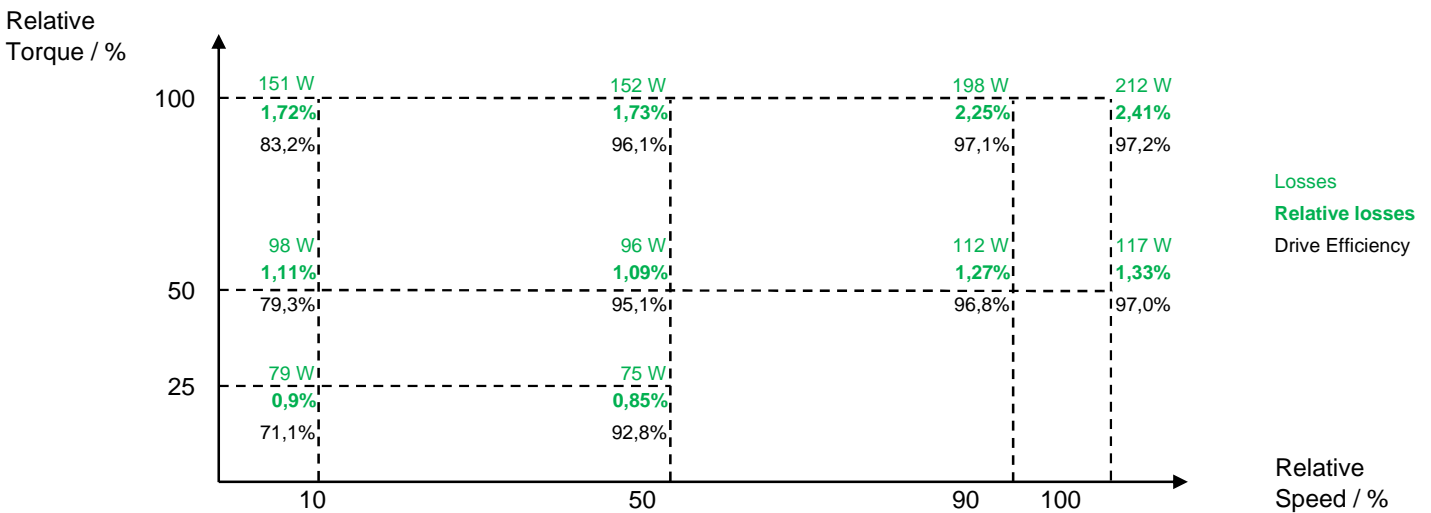
Reference : **ATV630U55N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 5,5 kW / 7,5 HP
 Overload : Normal Duty
 Nominal current : 12,7 A
 Nominal apparent power : 8,8 kVA
 Nominal frequency : 50 Hz

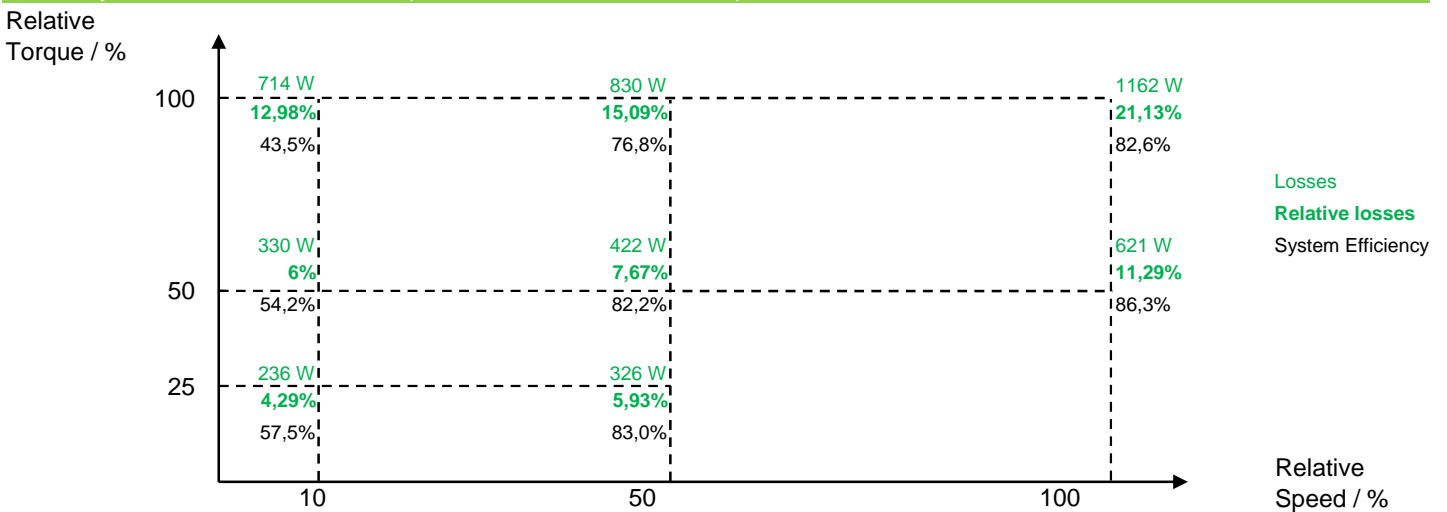


Efficiency data for the Drive

Standby losses : 14 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

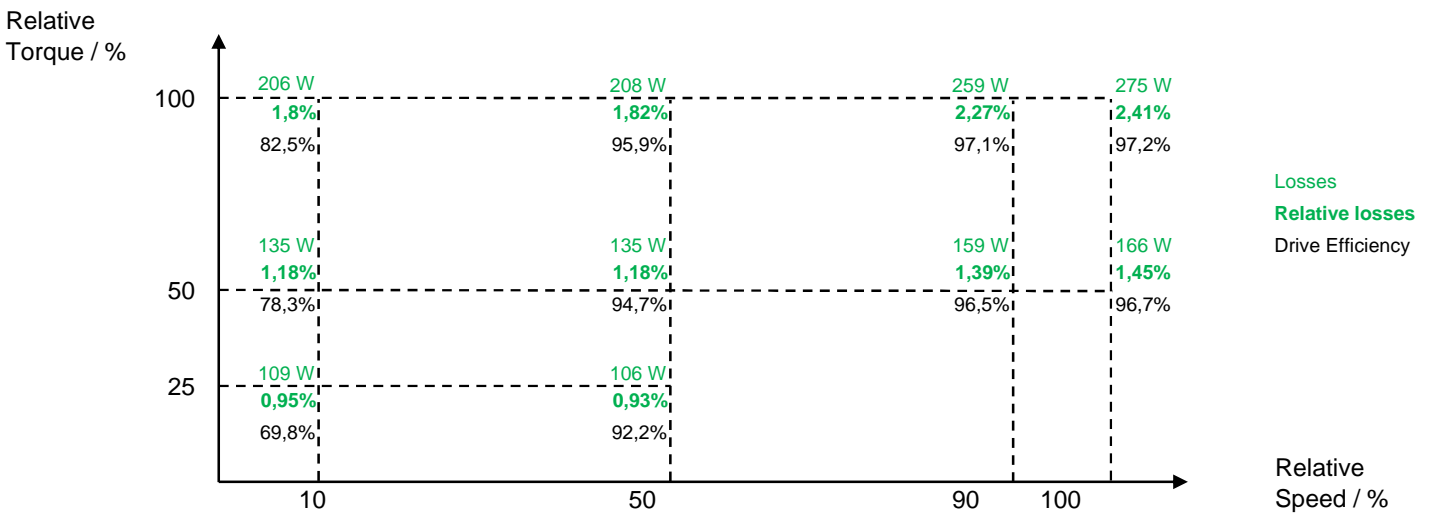
Reference : **ATV630U75N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 7,5 kW / 10 HP
 Overload : Normal Duty
 Nominal current : 16,5 A
 Nominal apparent power : 11,4 kVA
 Nominal frequency : 50 Hz

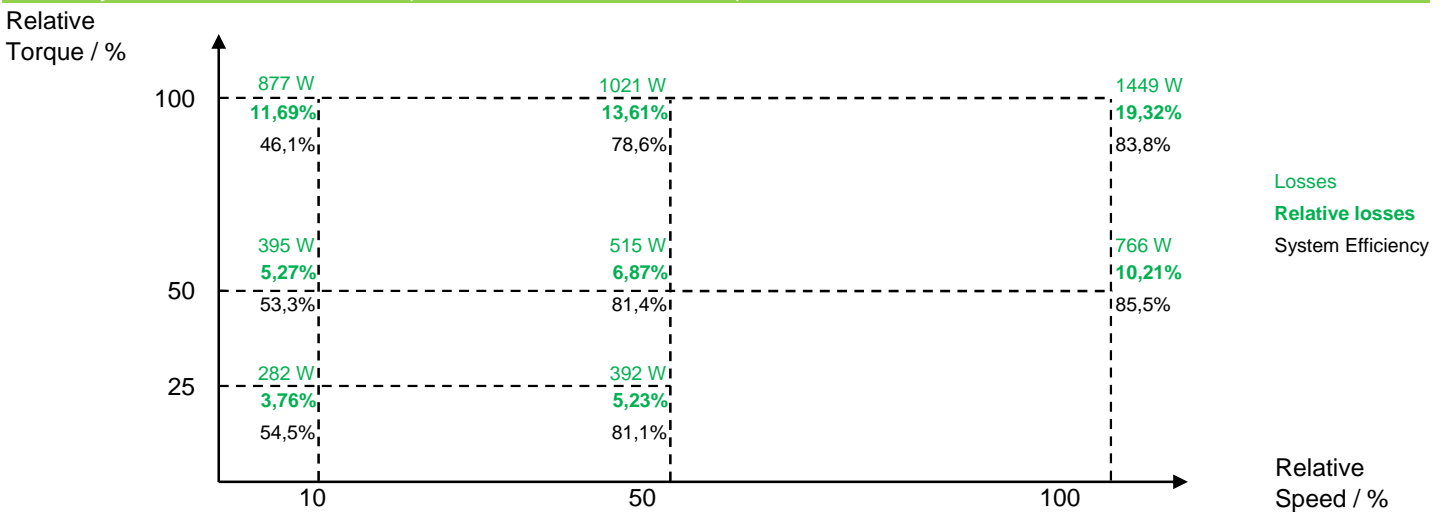


Efficiency data for the Drive

Standby losses : 17 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

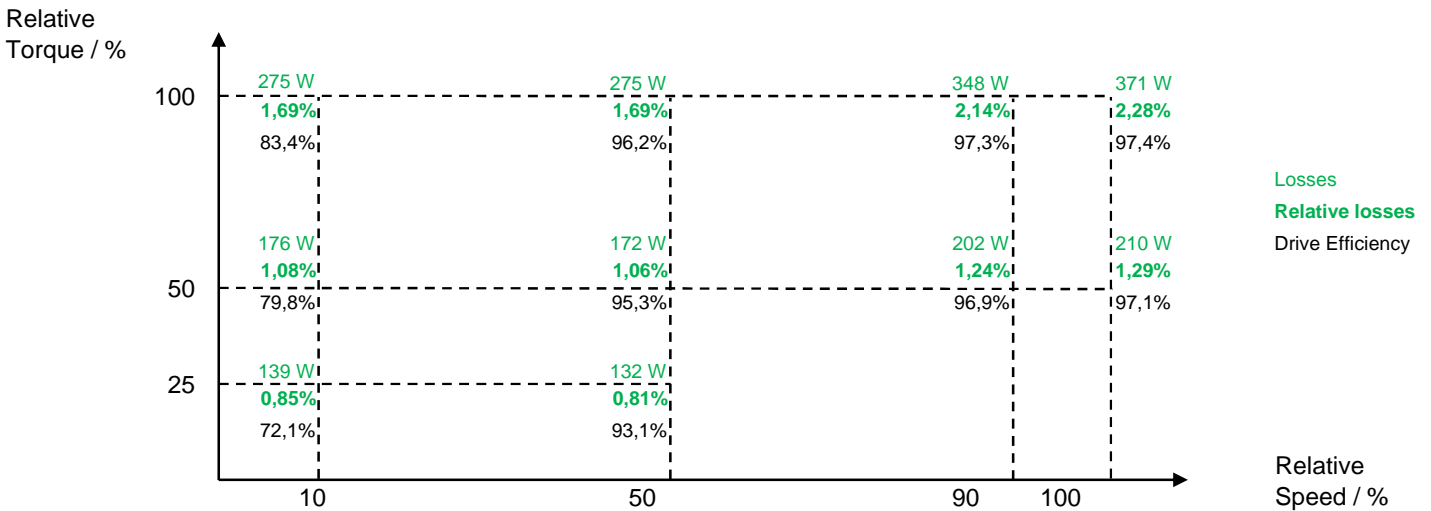
Reference : **ATV630D11N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 11 kW / 15 HP
 Overload : Normal Duty
 Nominal current : 23,5 A
 Nominal apparent power : 16,3 kVA
 Nominal frequency : 50 Hz

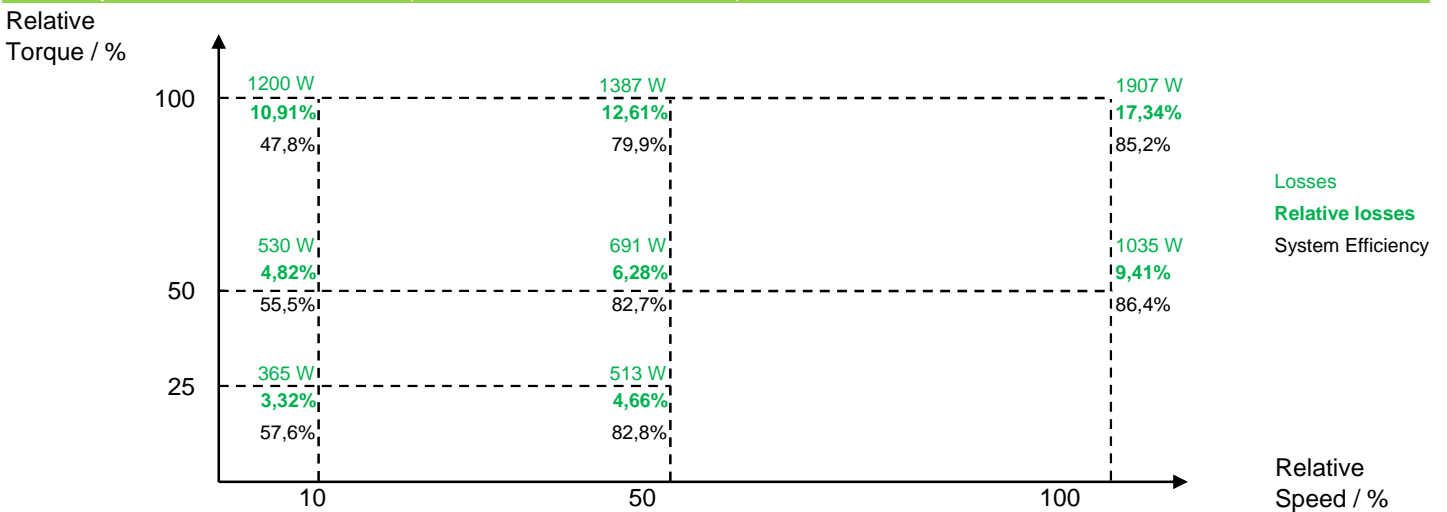


Efficiency data for the Drive

Standby losses : 17 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

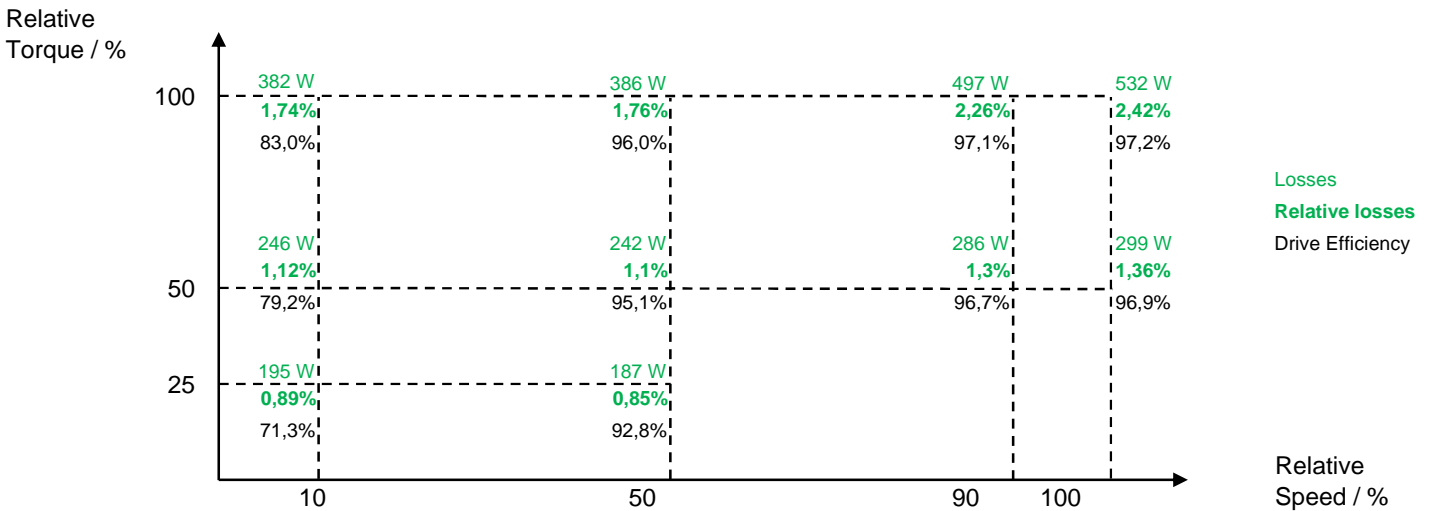
Reference : **ATV630D15N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 15 kW / 20 HP
 Overload : Normal Duty
 Nominal current : 31,7 A
 Nominal apparent power : 22 kVA
 Nominal frequency : 50 Hz

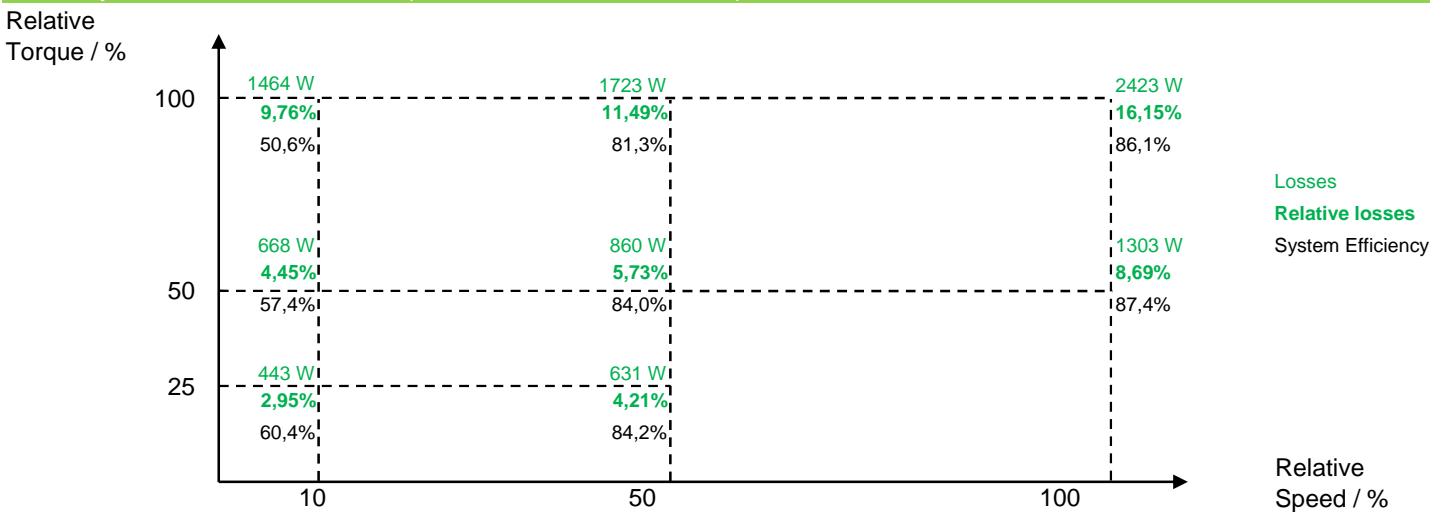


Efficiency data for the Drive

Standby losses : 23 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

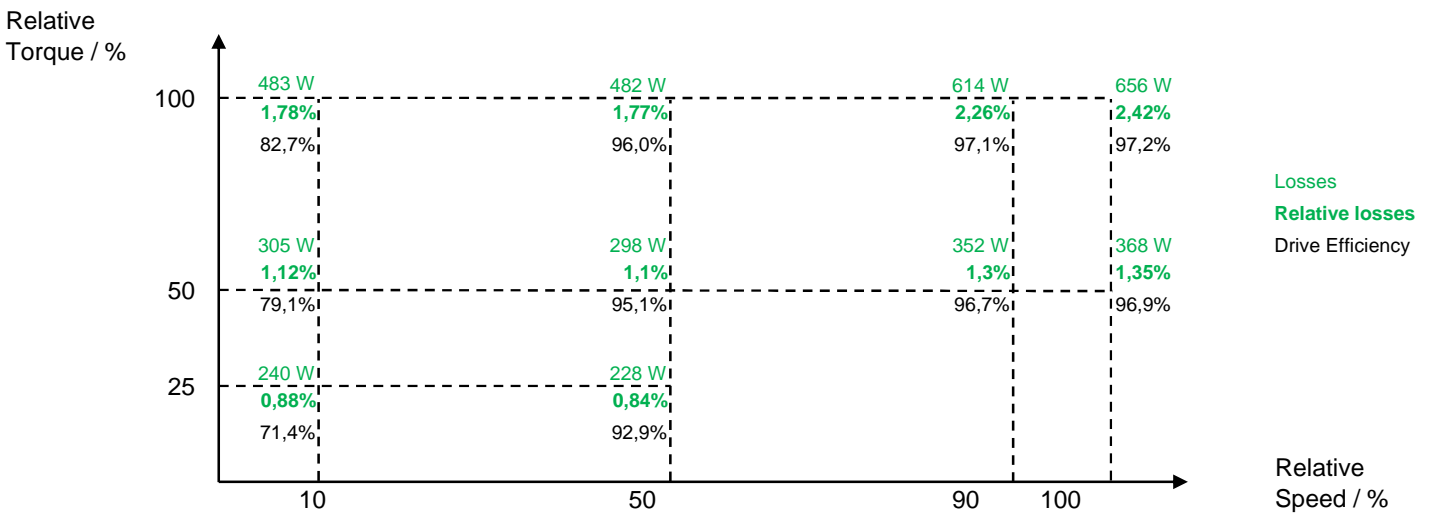
Reference : **ATV630D18N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 18,5 kW / 25 HP
 Overload : Normal Duty
 Nominal current : 39,2 A
 Nominal apparent power : 27,2 kVA
 Nominal frequency : 50 Hz

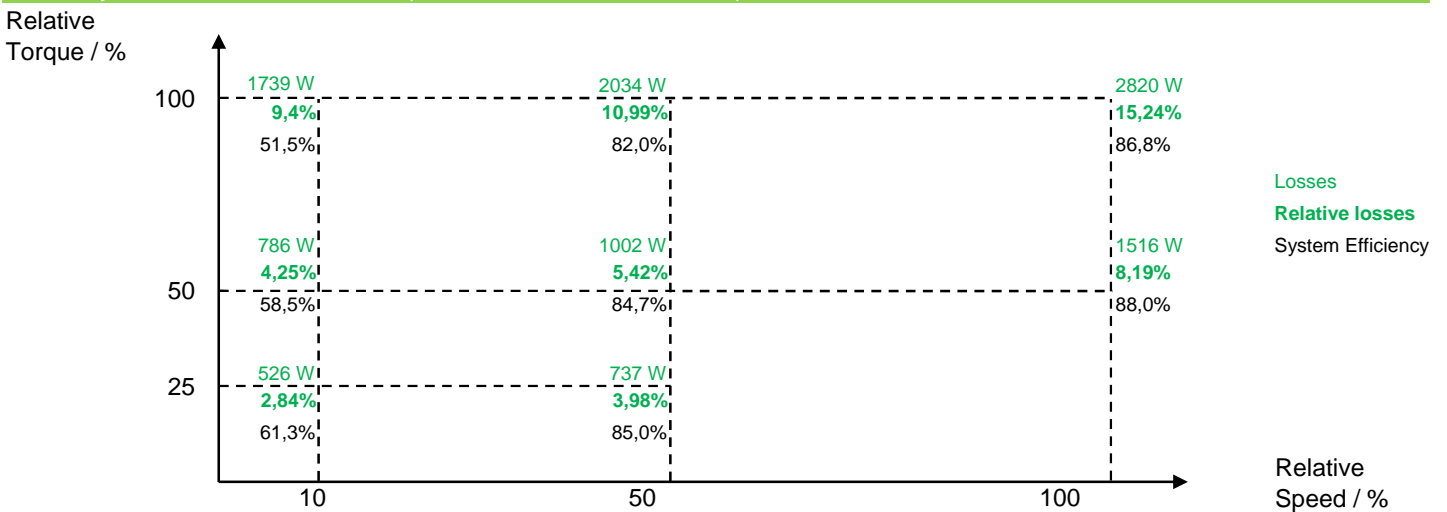


Efficiency data for the Drive

Standby losses : 23 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630D22N4**

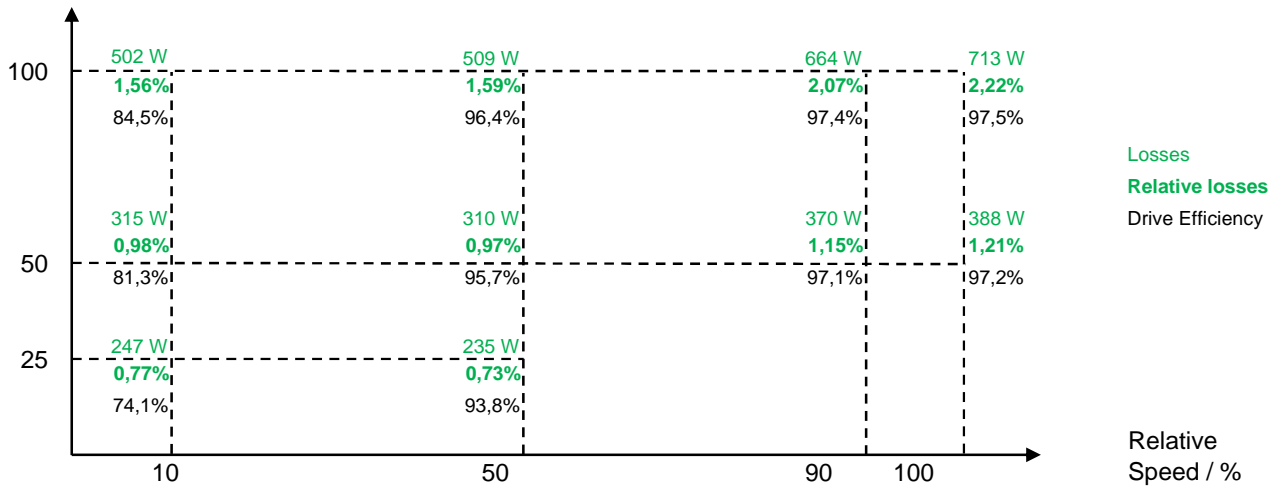


Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 22 kW / 30 HP
 Overload : Normal Duty
 Nominal current : 46,3 A
 Nominal apparent power : 32,1 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

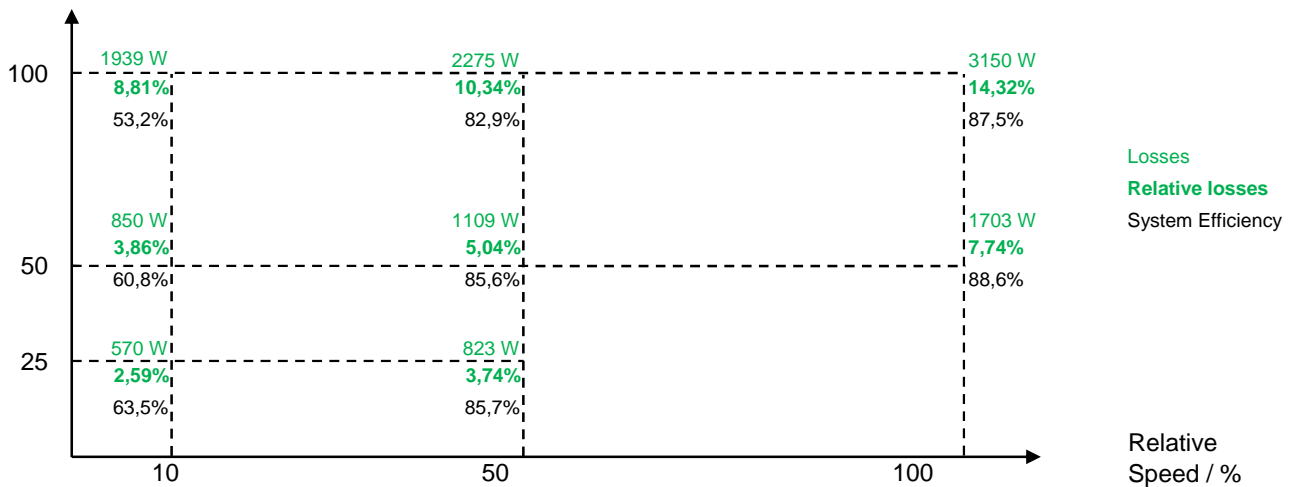
Standby losses : 23 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

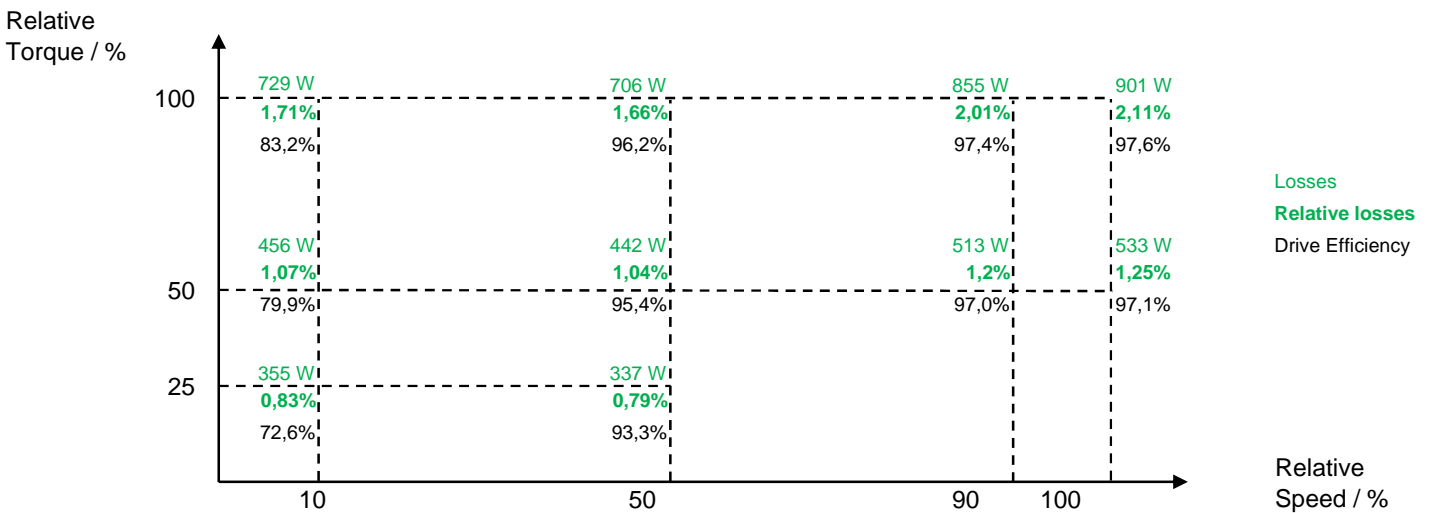
Reference : **ATV630D30N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 30 kW / 40 HP
 Overload : Normal Duty
 Nominal current : 61,5 A
 Nominal apparent power : 42,6 kVA
 Nominal frequency : 50 Hz

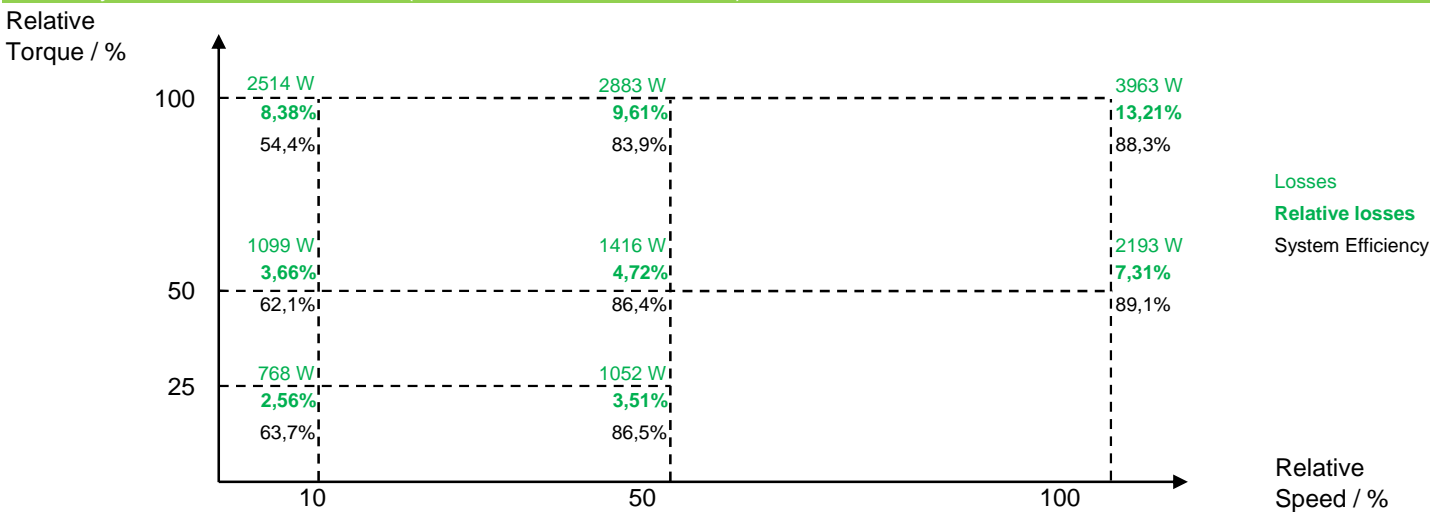


Efficiency data for the Drive

Standby losses : 31 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630D37N4**

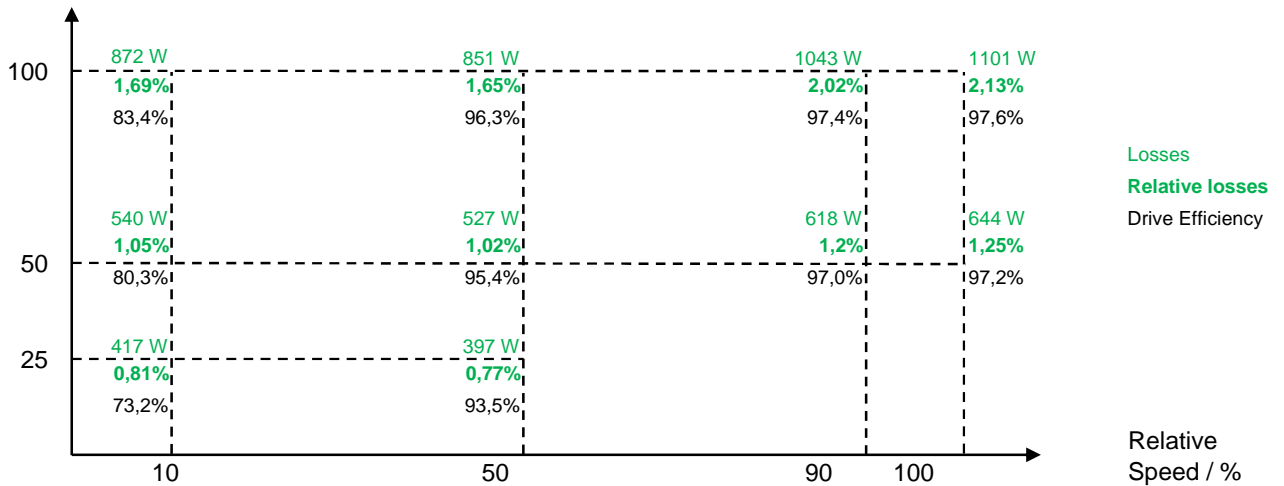
Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 37 kW / 50 HP
 Overload : Normal Duty
 Nominal current : 74,5 A
 Nominal apparent power : 51,6 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

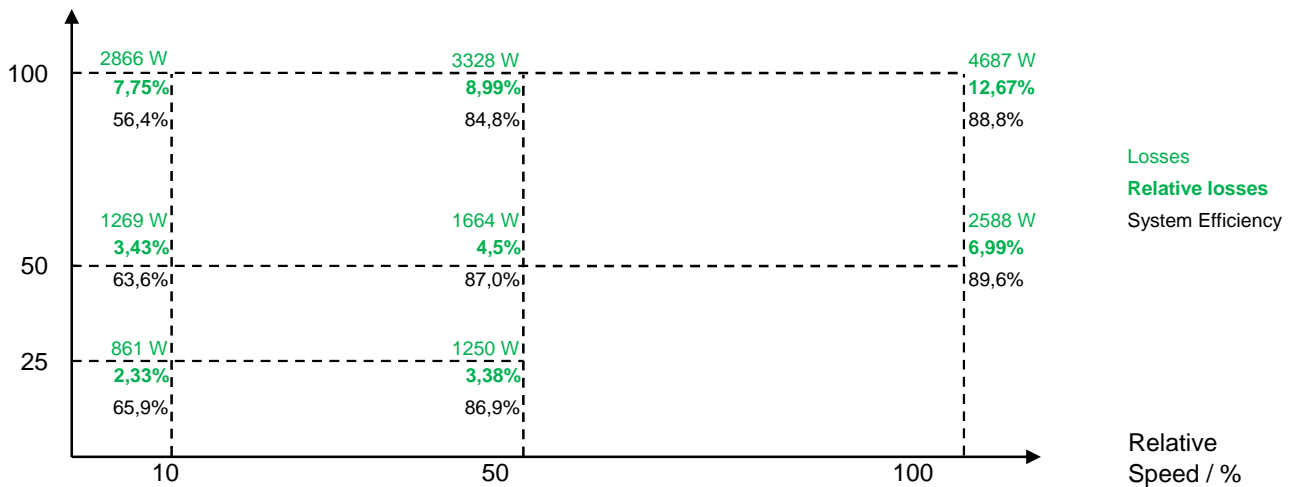
Standby losses : 31 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

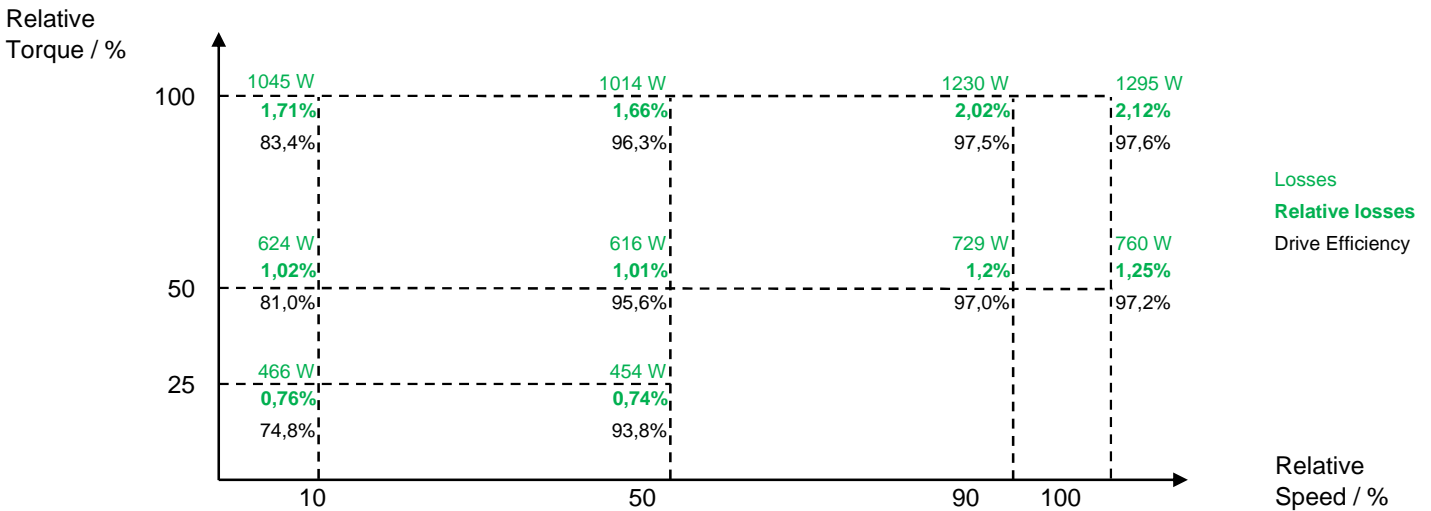
Reference : **ATV630D45N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 45 kW / 60 HP
 Overload : Normal Duty
 Nominal current : 88 A
 Nominal apparent power : 61 kVA
 Nominal frequency : 50 Hz

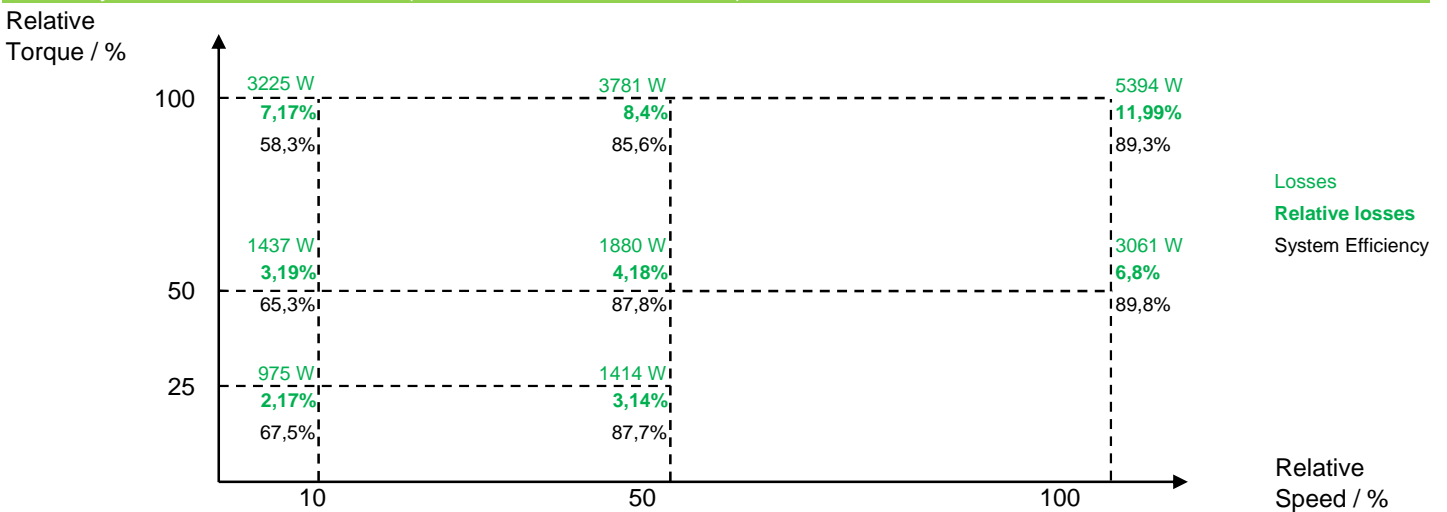


Efficiency data for the Drive

Standby losses : 31 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

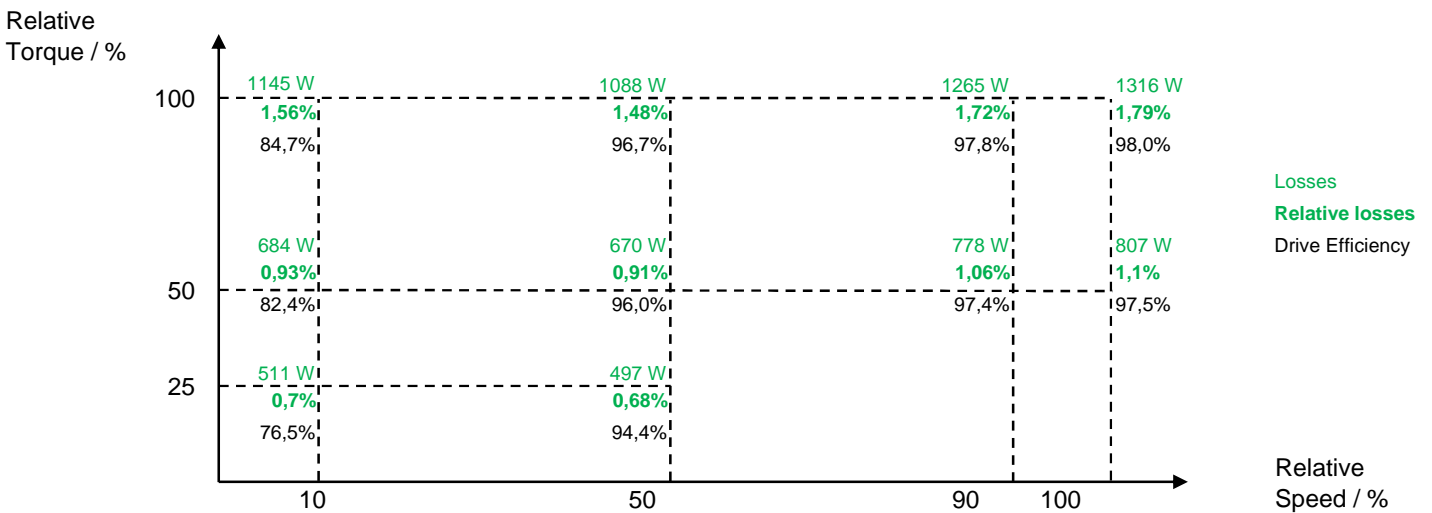
Reference : **ATV630D55N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 55 kW / 75 HP
 Overload : Normal Duty
 Nominal current : 106 A
 Nominal apparent power : 73,4 kVA
 Nominal frequency : 50 Hz

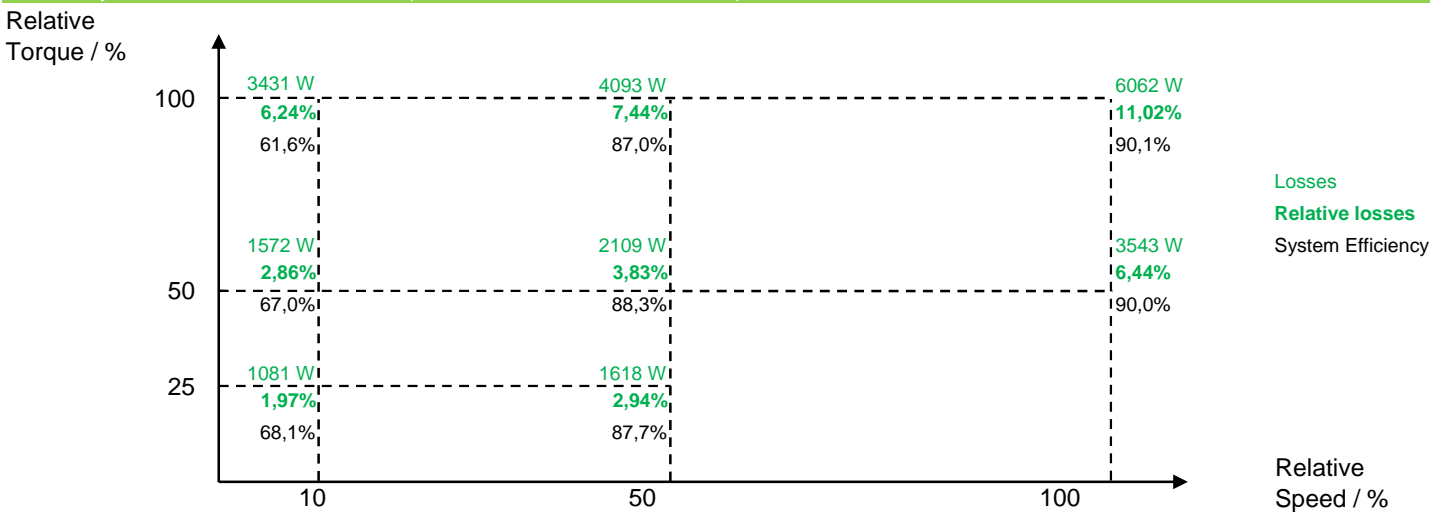


Efficiency data for the Drive

Standby losses : 32 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630D75N4**

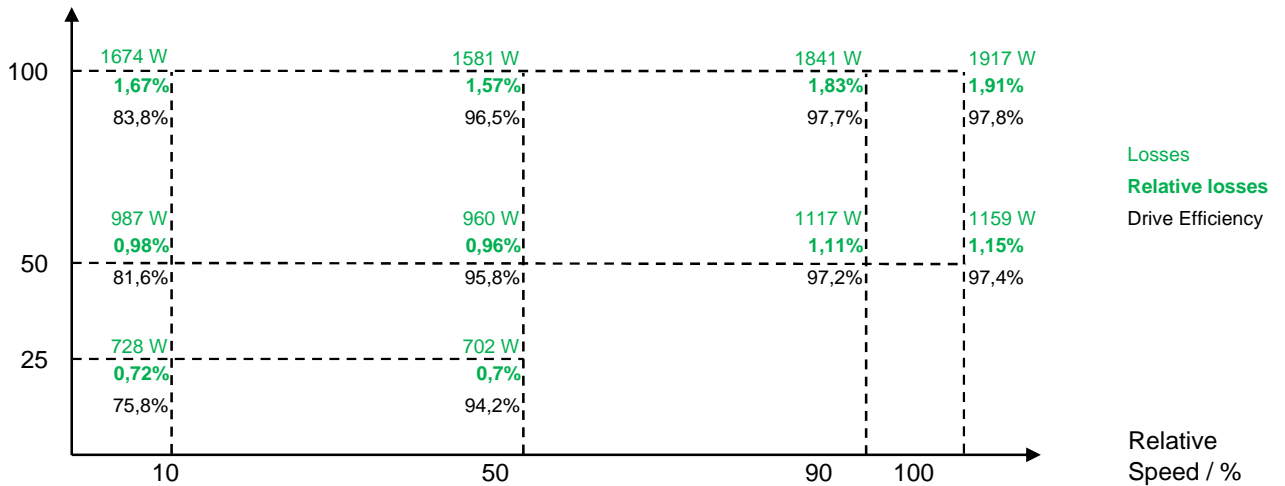


Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 75 kW / 100 HP
 Overload : Normal Duty
 Nominal current : 145 A
 Nominal apparent power : 100,5 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

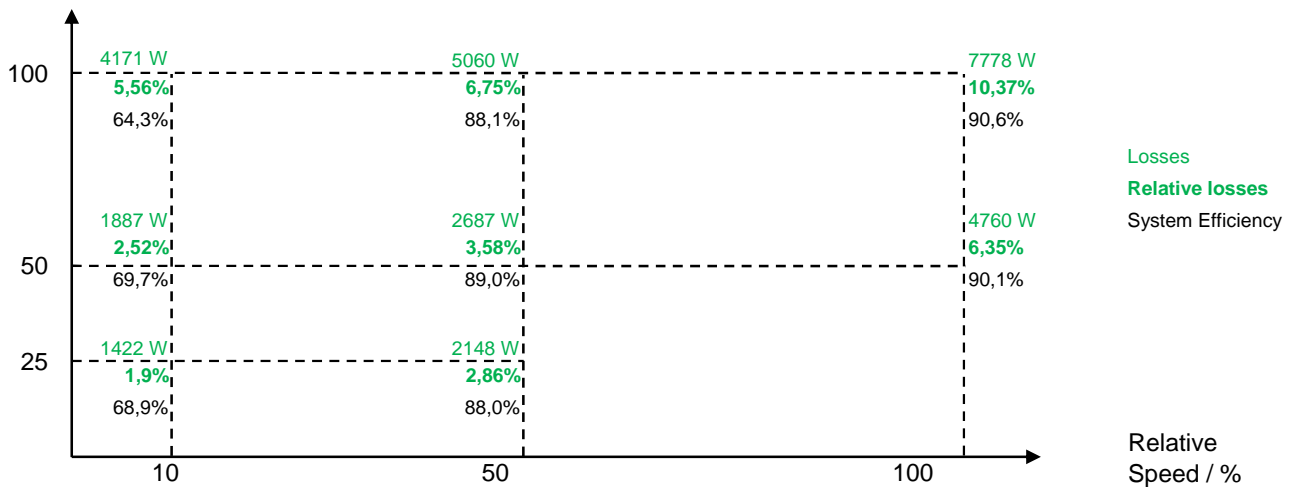
Standby losses : 32 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

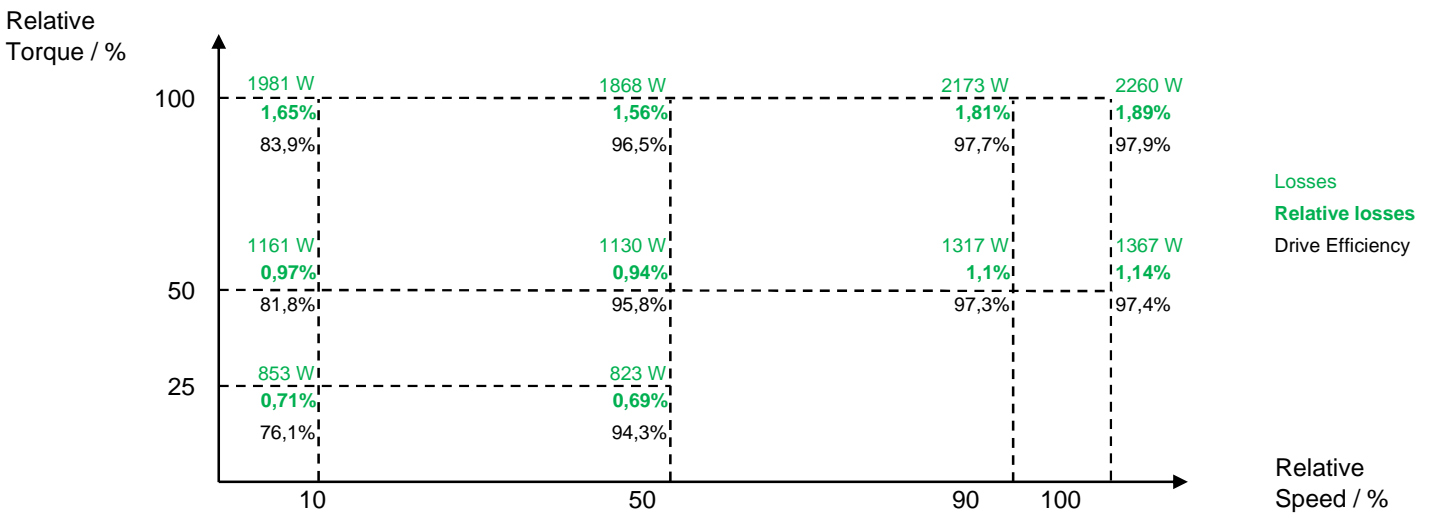
Reference : **ATV630D90N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 90 kW / 125 HP
 Overload : Normal Duty
 Nominal current : 173 A
 Nominal apparent power : 119,9 kVA
 Nominal frequency : 50 Hz

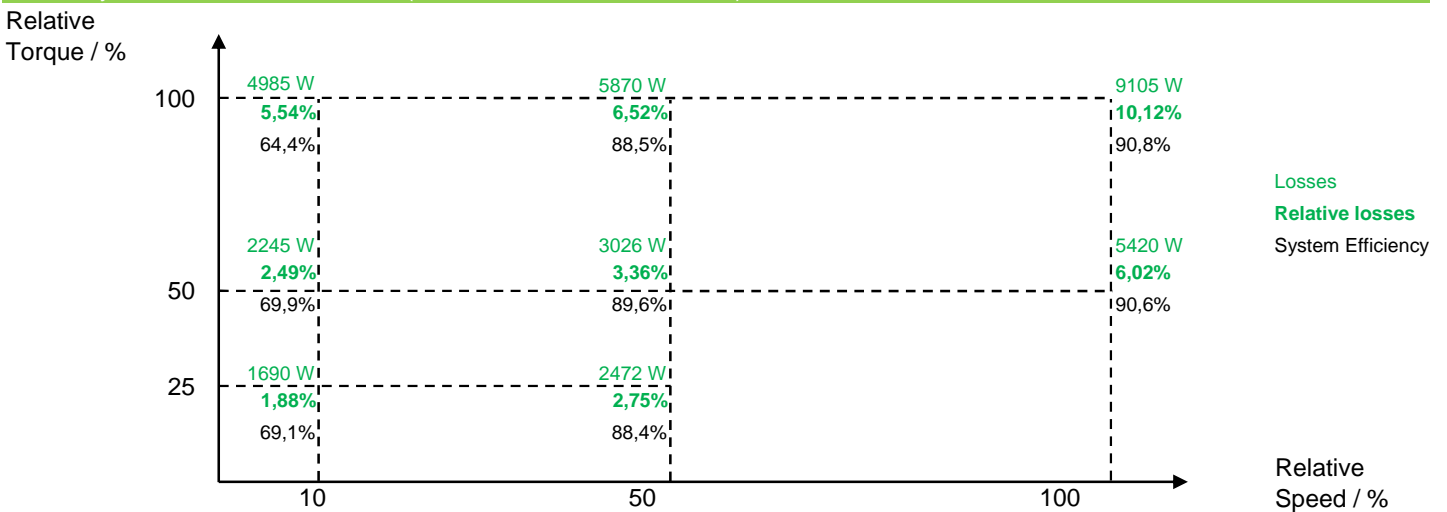


Efficiency data for the Drive

Standby losses : 32 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

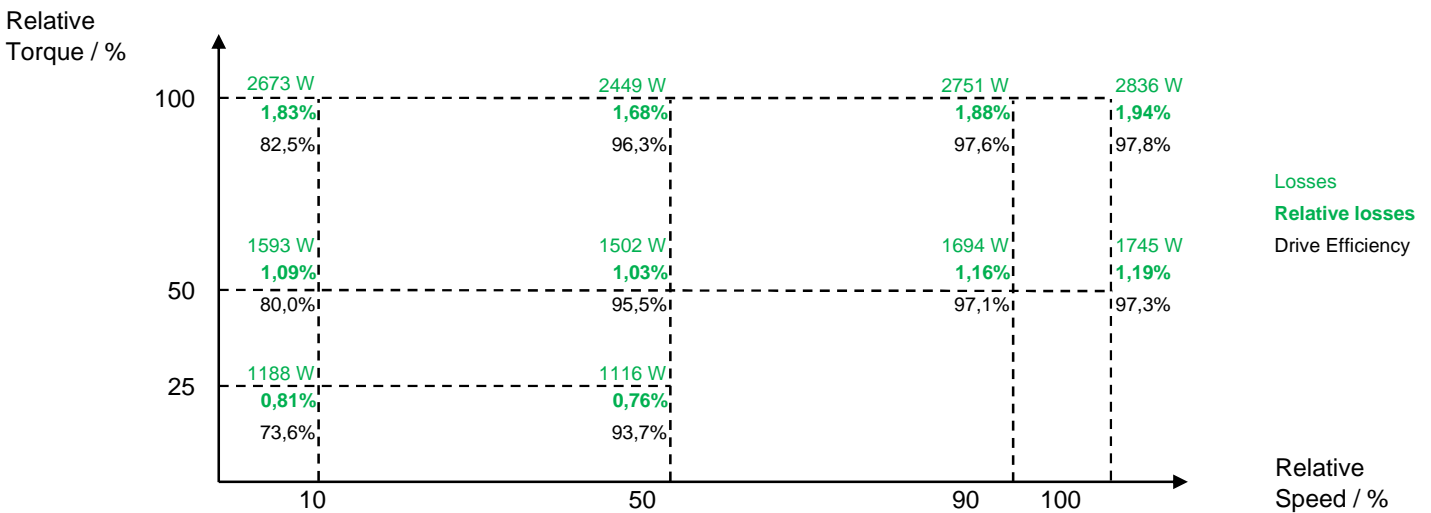
Reference : **ATV630C11N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 110 kW / 150 HP
 Overload : Normal Duty
 Nominal current : 211 A
 Nominal apparent power : 146,2 kVA
 Nominal frequency : 50 Hz

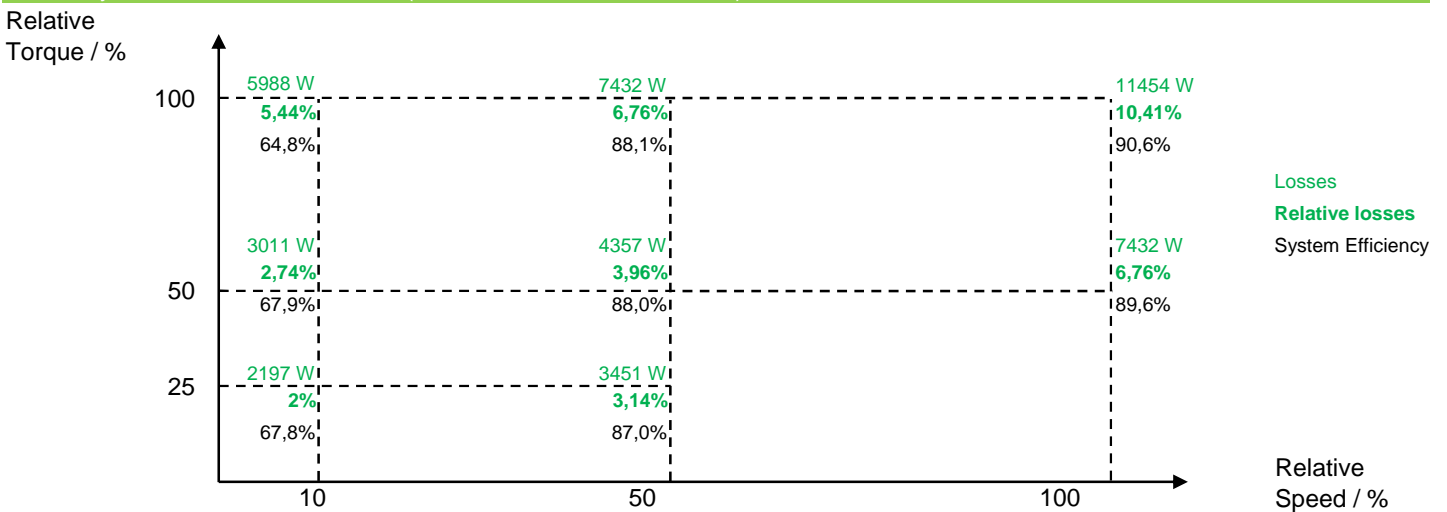


Efficiency data for the Drive

Standby losses : 68 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630C13N4**

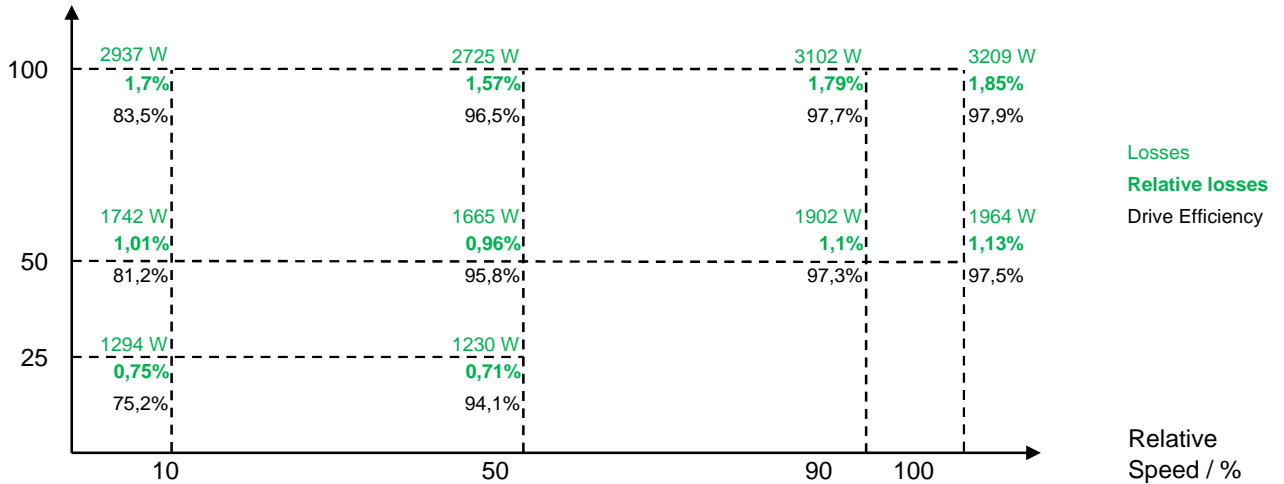


Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 132 kW / 200 HP
 Overload : Normal Duty
 Nominal current : 250 A
 Nominal apparent power : 173,2 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

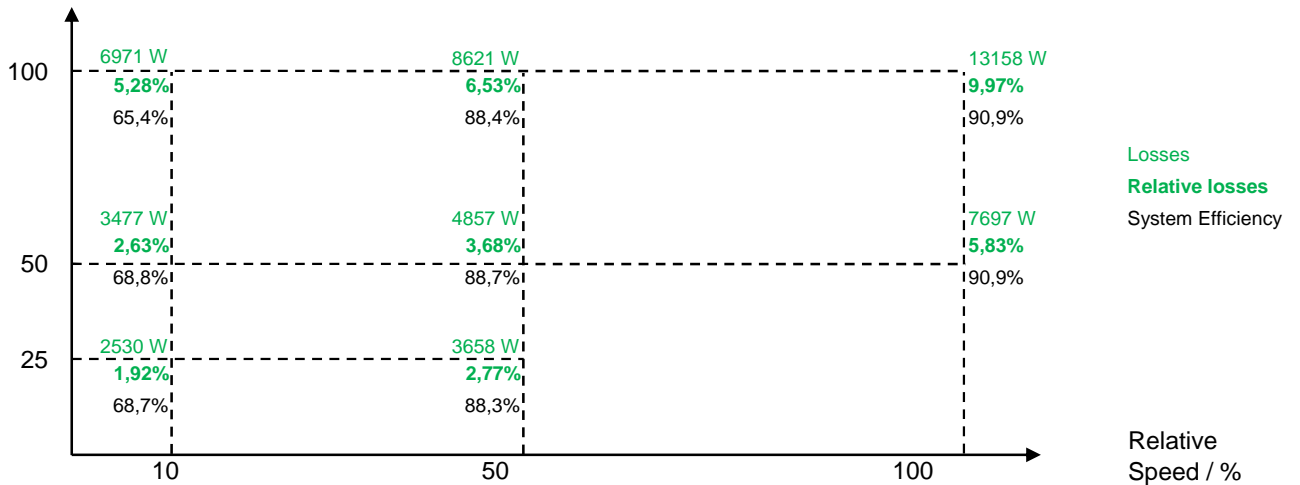
Standby losses : 68 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

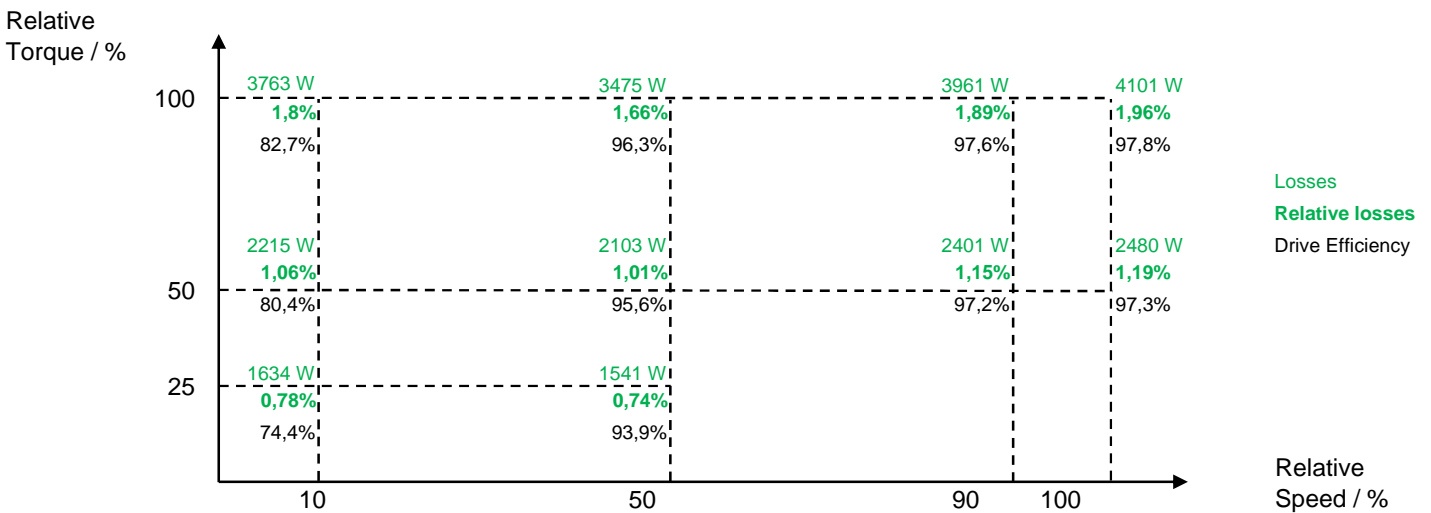
Reference : **ATV630C16N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 160 kW / 250 HP
 Overload : Normal Duty
 Nominal current : 302 A
 Nominal apparent power : 209,2 kVA
 Nominal frequency : 50 Hz

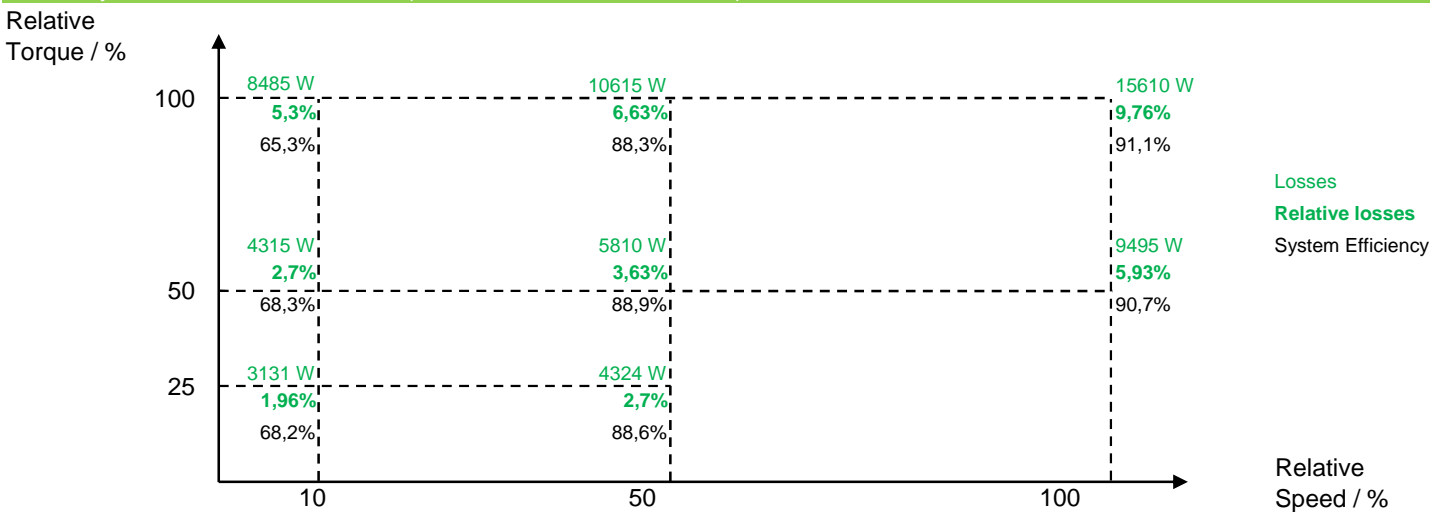


Efficiency data for the Drive

Standby losses : 68 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

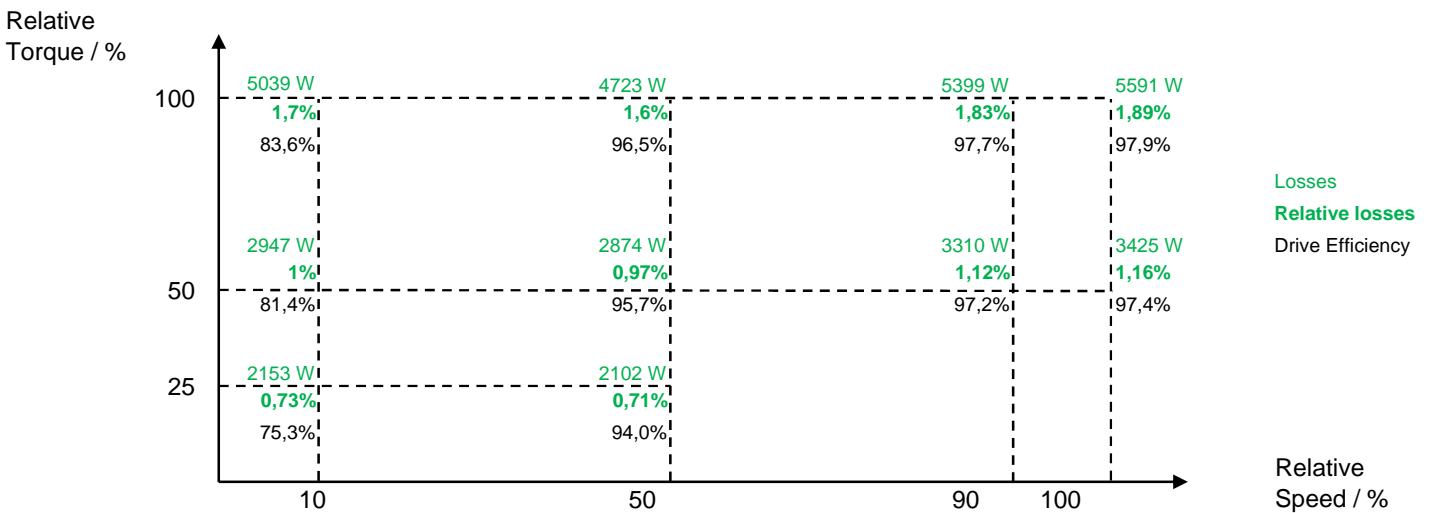
Reference : **ATV630C22N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 220 kW / 350 HP
 Overload : Normal Duty
 Nominal current : 427 A
 Nominal apparent power : 295,8 kVA
 Nominal frequency : 50 Hz

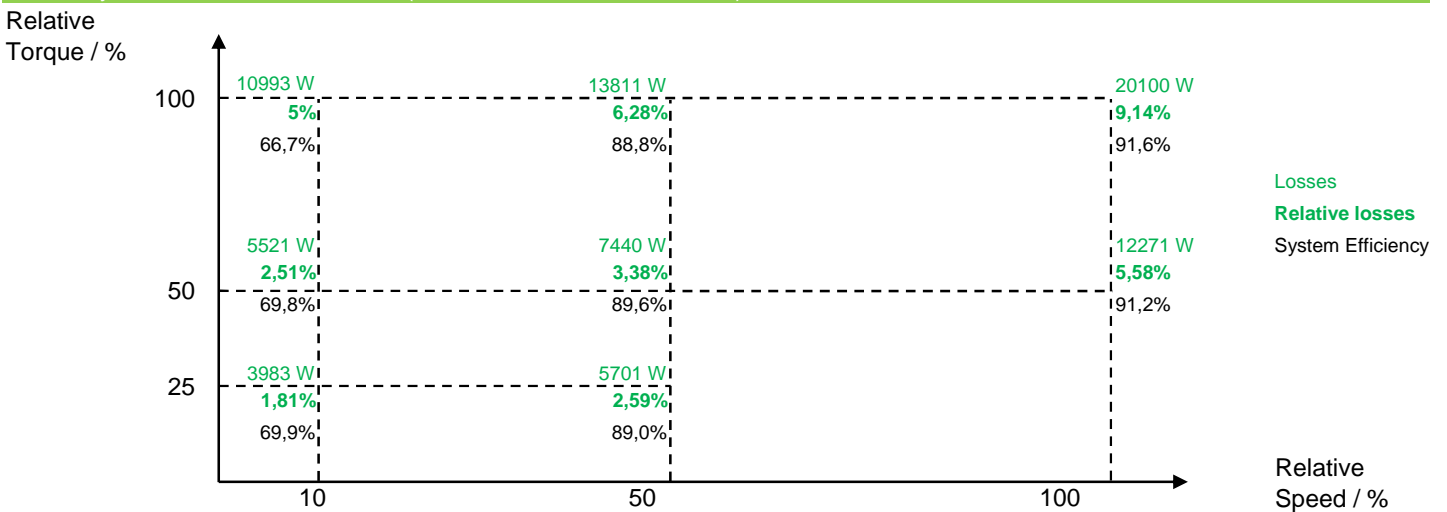


Efficiency data for the Drive

Standby losses : 166 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

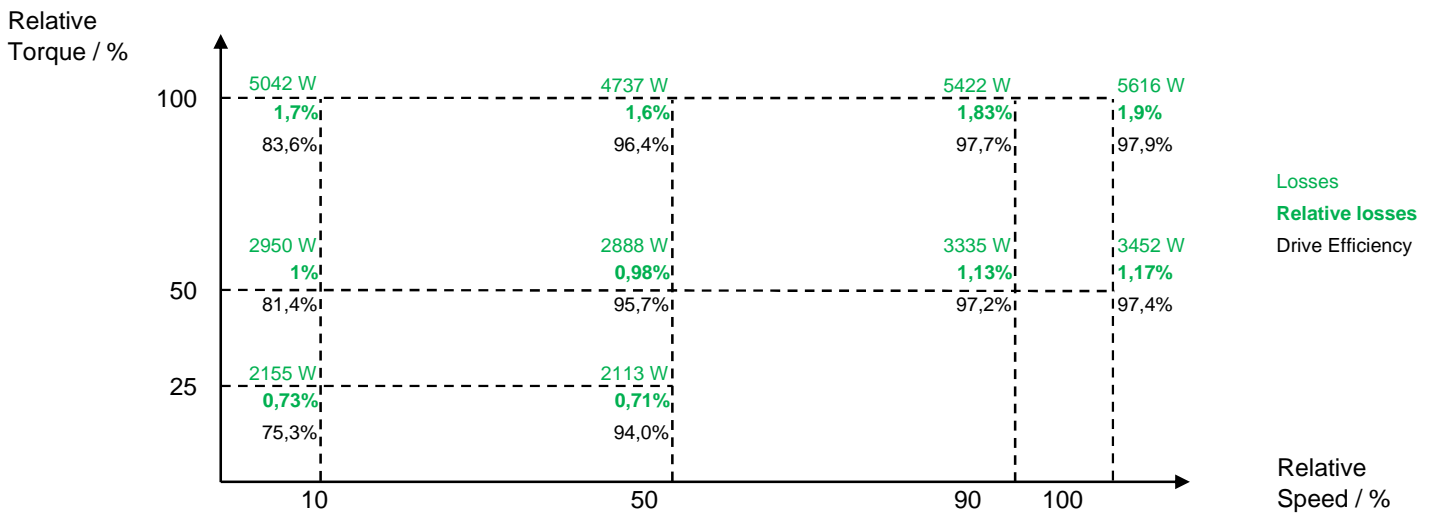
Reference : **ATV630C22N4MN
+ VW3A4569**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 220 kW / 350 HP
 Overload : Normal Duty
 Nominal current : 427 A
 Nominal apparent power : 295,8 kVA
 Nominal frequency : 50 Hz

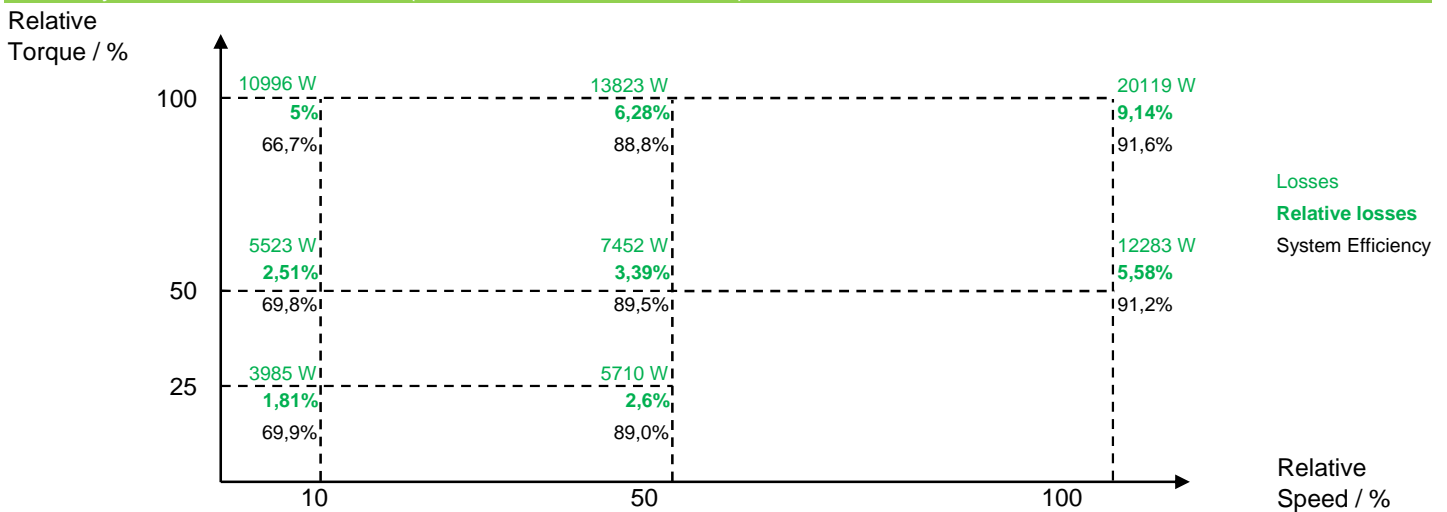


Efficiency data for the Drive

Standby losses : 166 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630C25N4**

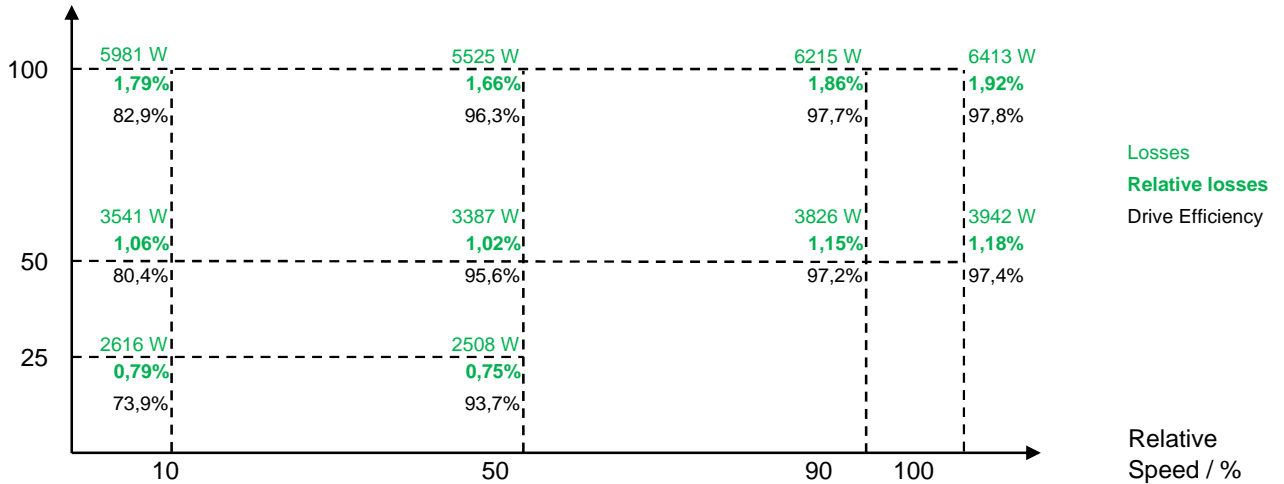
Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 250 kW / 400 HP
 Overload : Normal Duty
 Nominal current : 481 A
 Nominal apparent power : 333,2 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

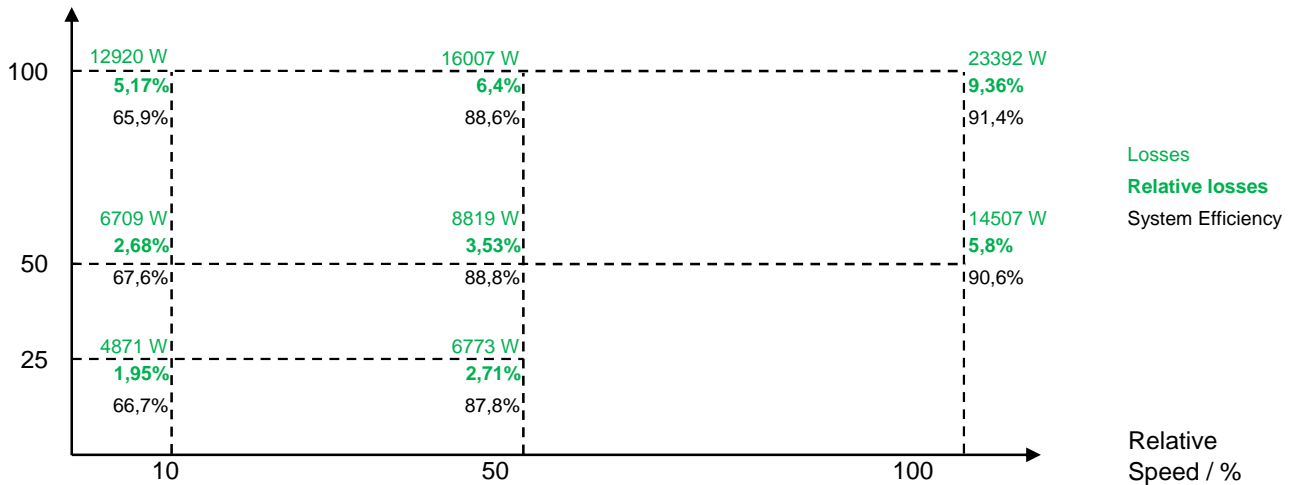
Standby losses : 203 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

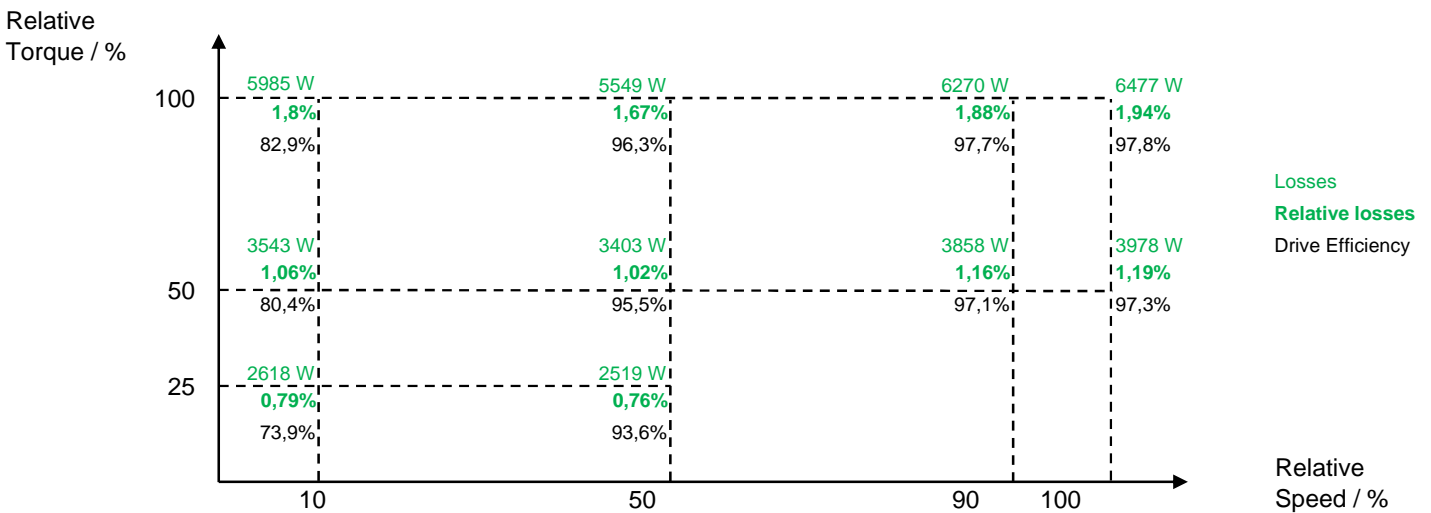
Reference : **ATV630C25N4MN
+ VW3A4569**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 250 kW / 400 HP
 Overload : Normal Duty
 Nominal current : 481 A
 Nominal apparent power : 333,2 kVA
 Nominal frequency : 50 Hz

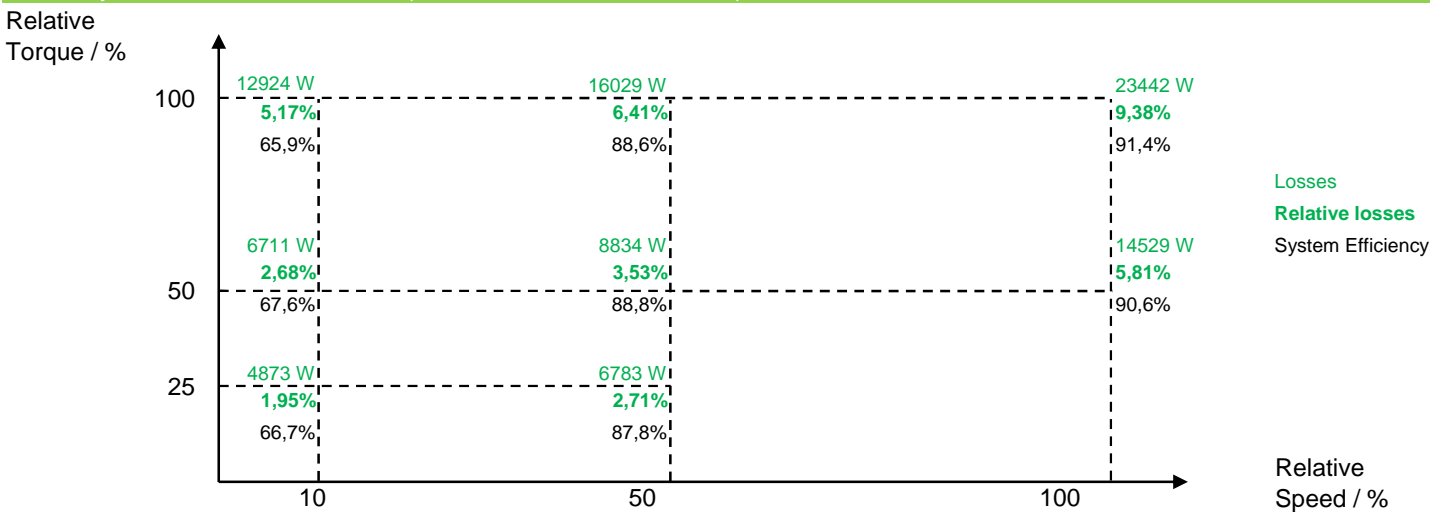


Efficiency data for the Drive

Standby losses : 203 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

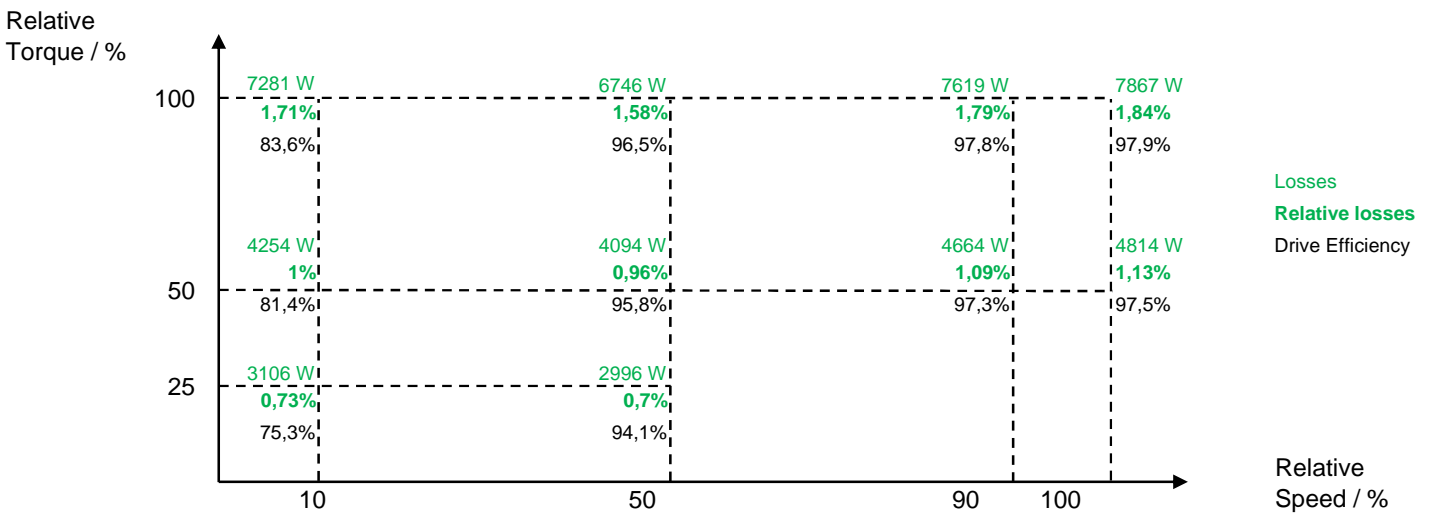
Reference : **ATV630C31N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 315 kW / 500 HP
 Overload : Normal Duty
 Nominal current : 616 A
 Nominal apparent power : 426,8 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

Standby losses : 203 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

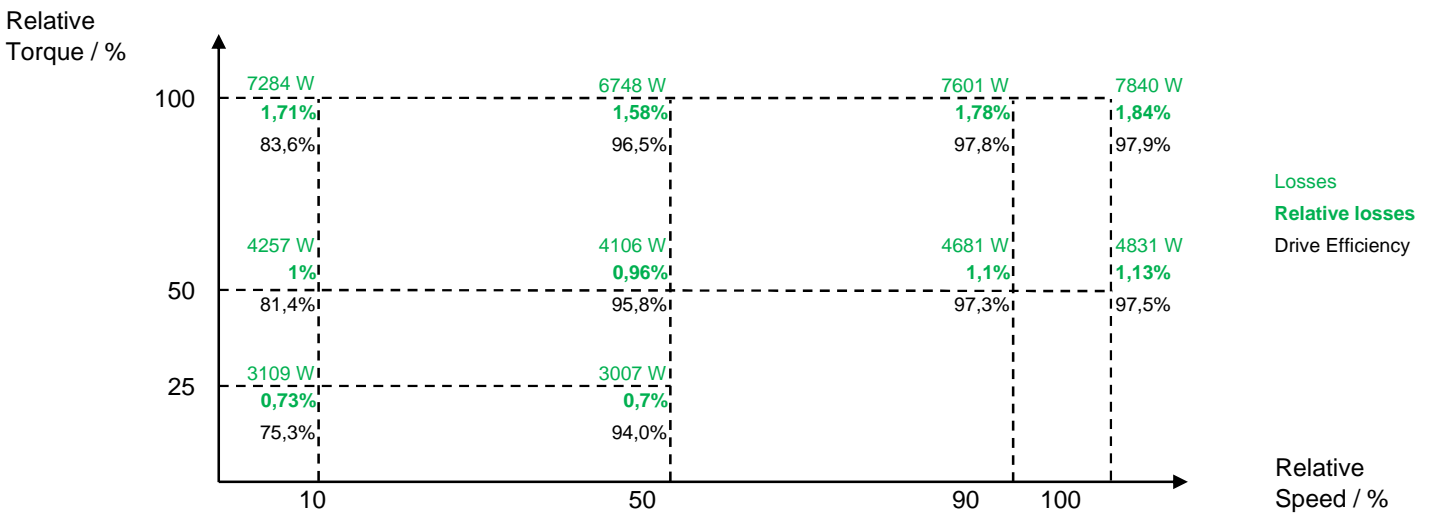
Reference : **ATV630C31N4MN
+ VW3A4564**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 315 kW / 500 HP
 Overload : Normal Duty
 Nominal current : 616 A
 Nominal apparent power : 426,8 kVA
 Nominal frequency : 50 Hz

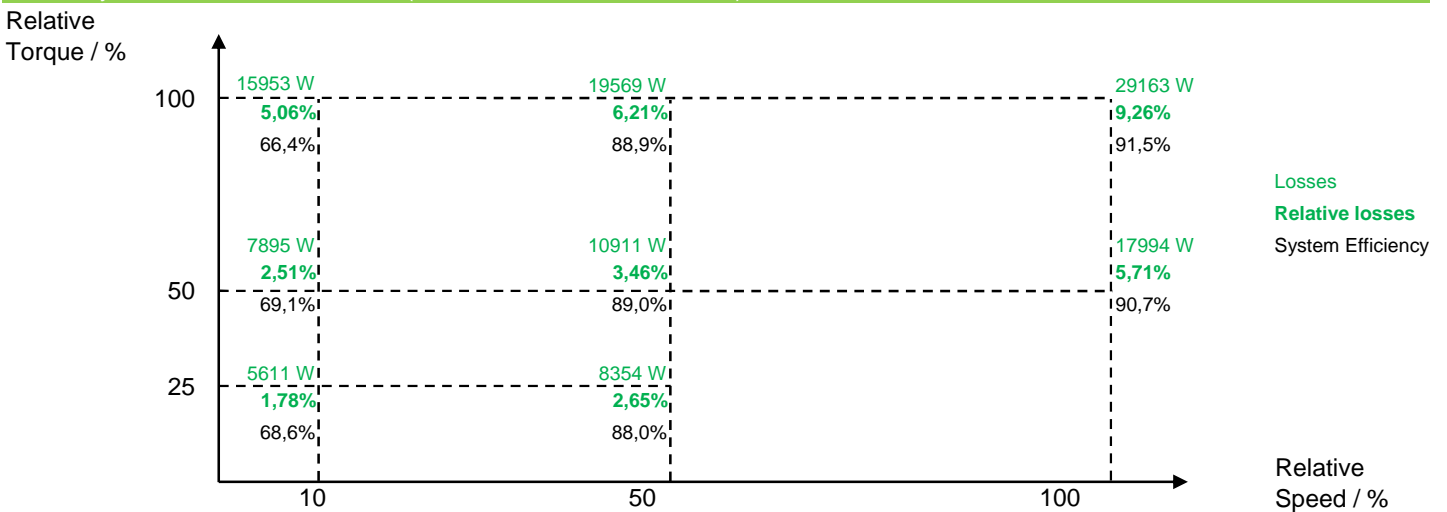


Efficiency data for the Drive

Standby losses : 203 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630C11N4F**

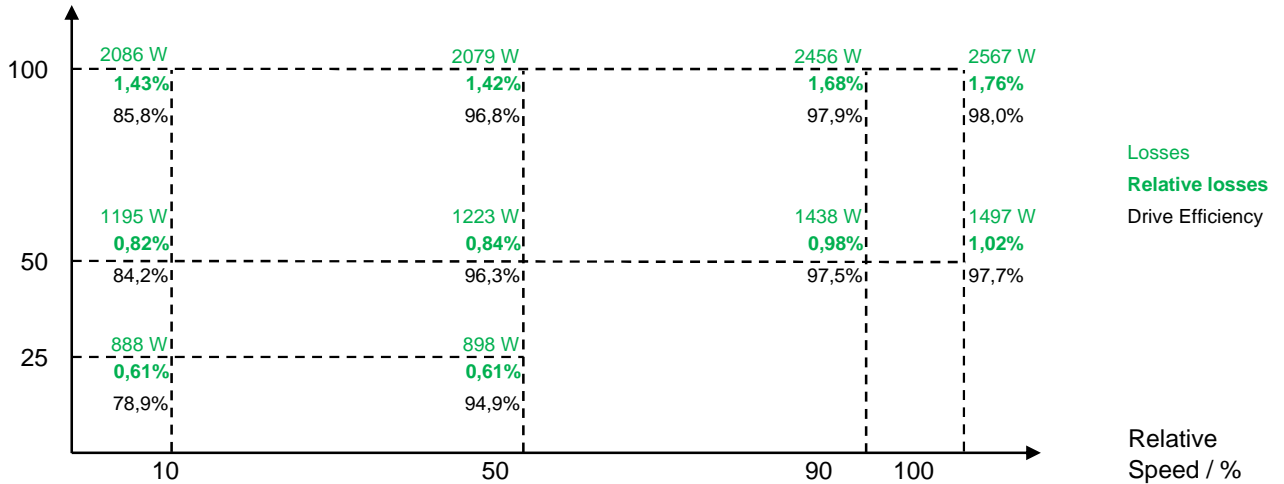
Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 110 kW / - HP
 Overload : Normal Duty
 Nominal current : 211 A
 Nominal apparent power : 146,2 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

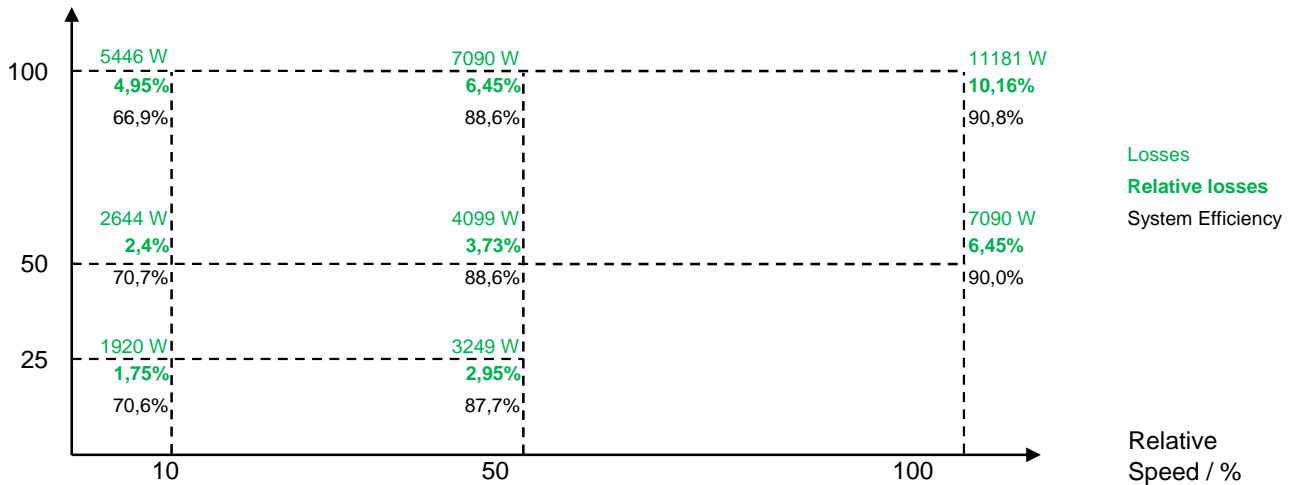
Standby losses : 74 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630C13N4F**

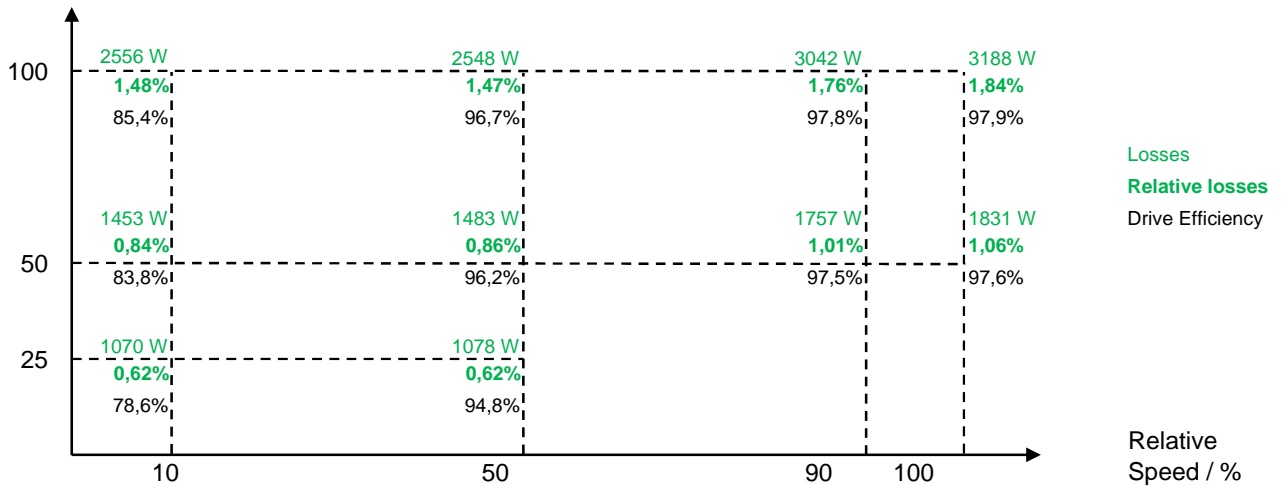
Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 132 kW / - HP
 Overload : Normal Duty
 Nominal current : 250 A
 Nominal apparent power : 173,2 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

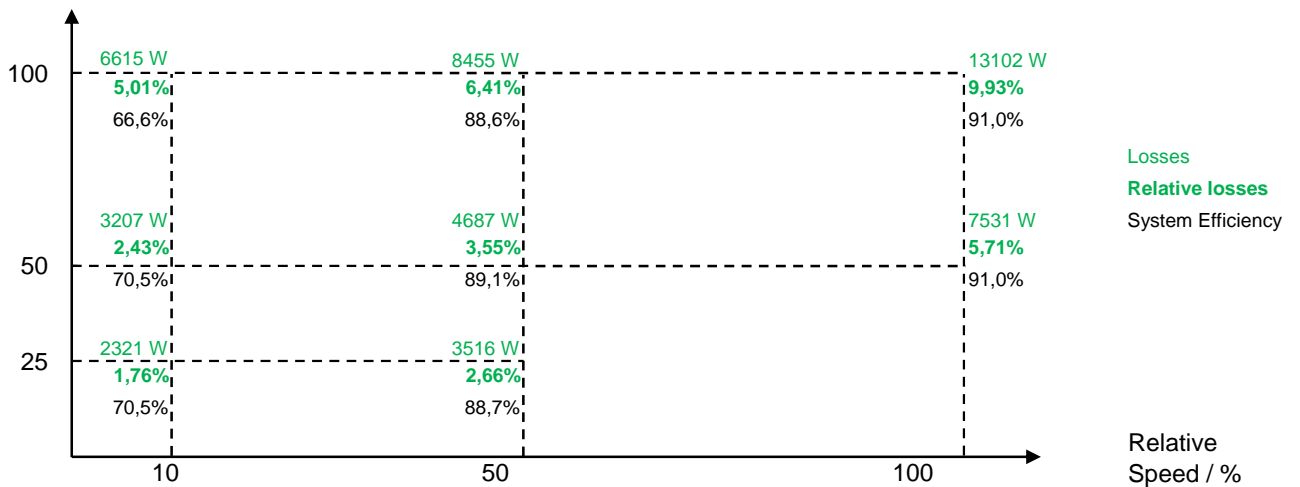
Standby losses : 74 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630C16N4F**

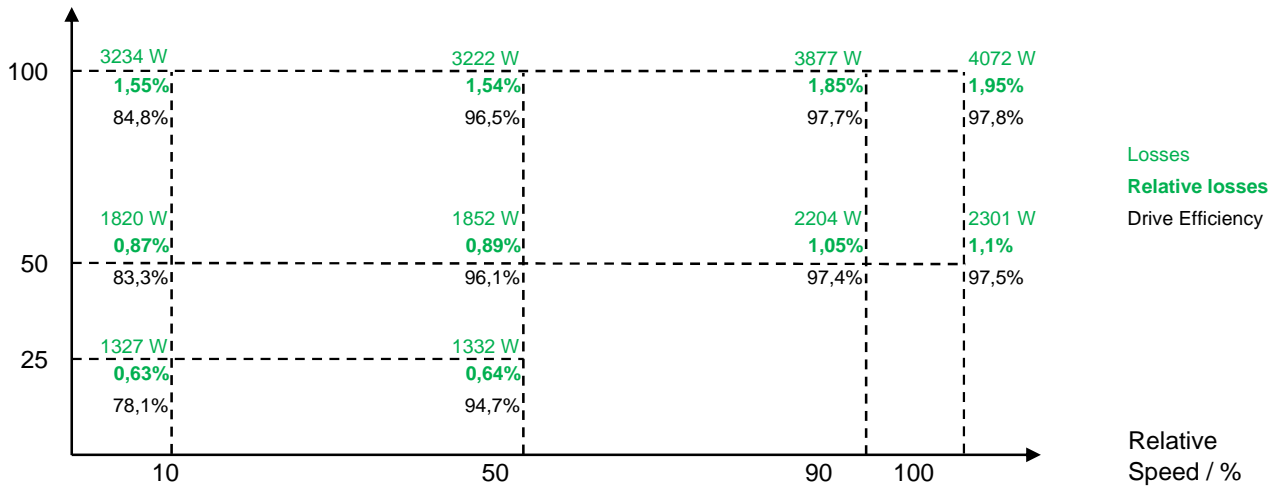
Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 160 kW / - HP
 Overload : Normal Duty
 Nominal current : 302 A
 Nominal apparent power : 209,2 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

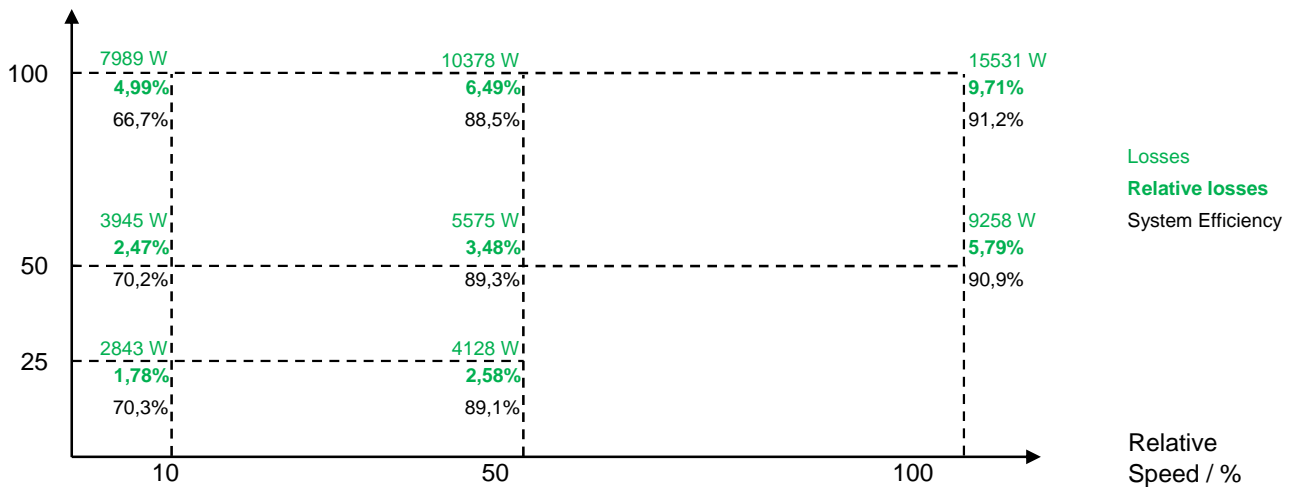
Standby losses : 74 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630C20N4F**

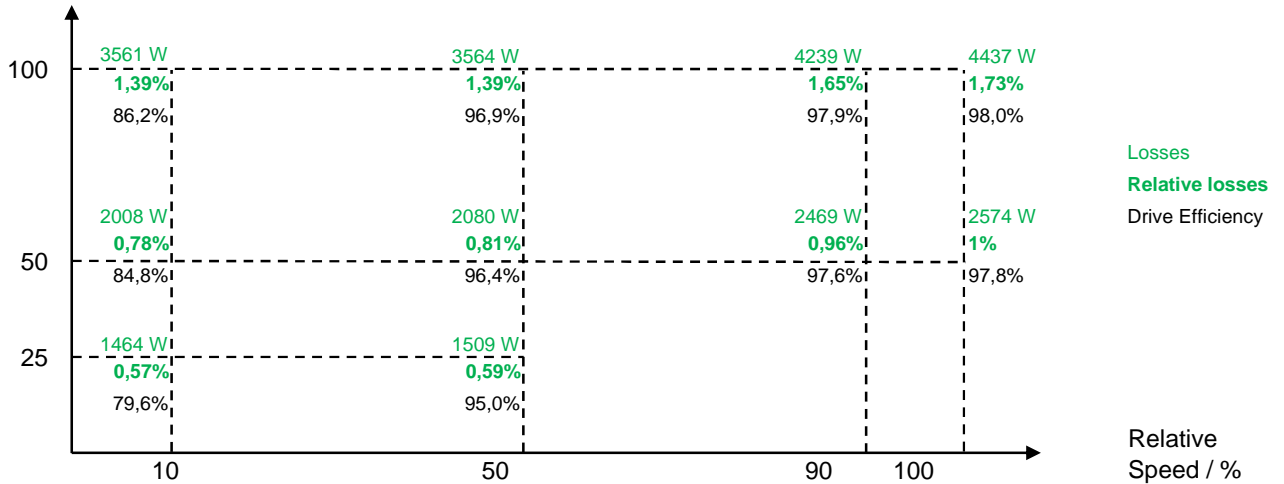
Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 200 kW / - HP
 Overload : Normal Duty
 Nominal current : 370 A
 Nominal apparent power : 256,3 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

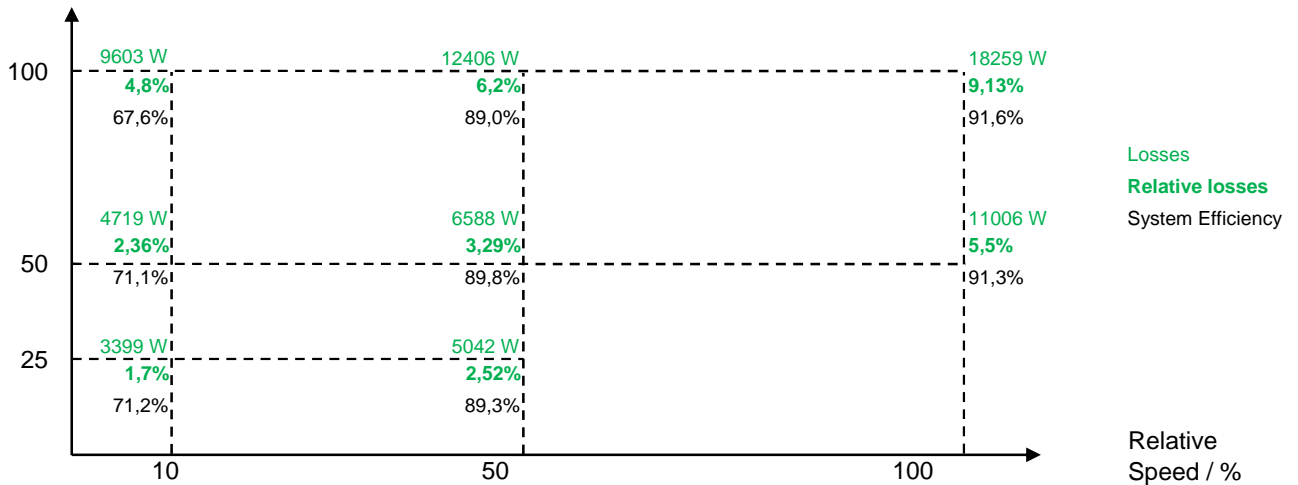
Standby losses : 142 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

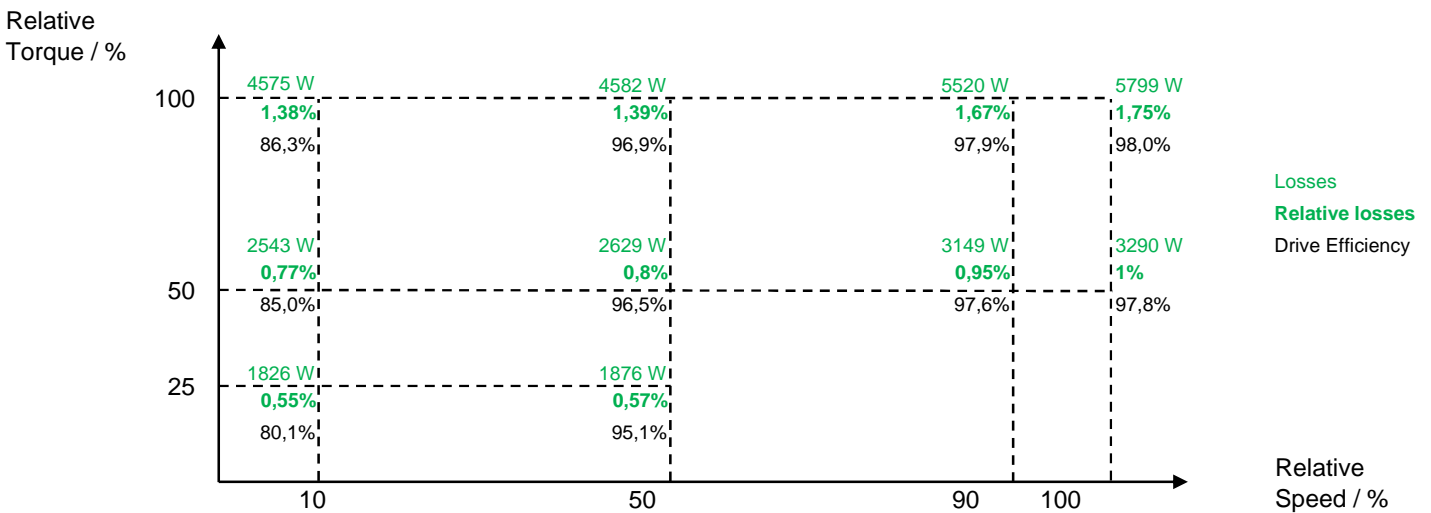
Reference : **ATV630C25N4F**



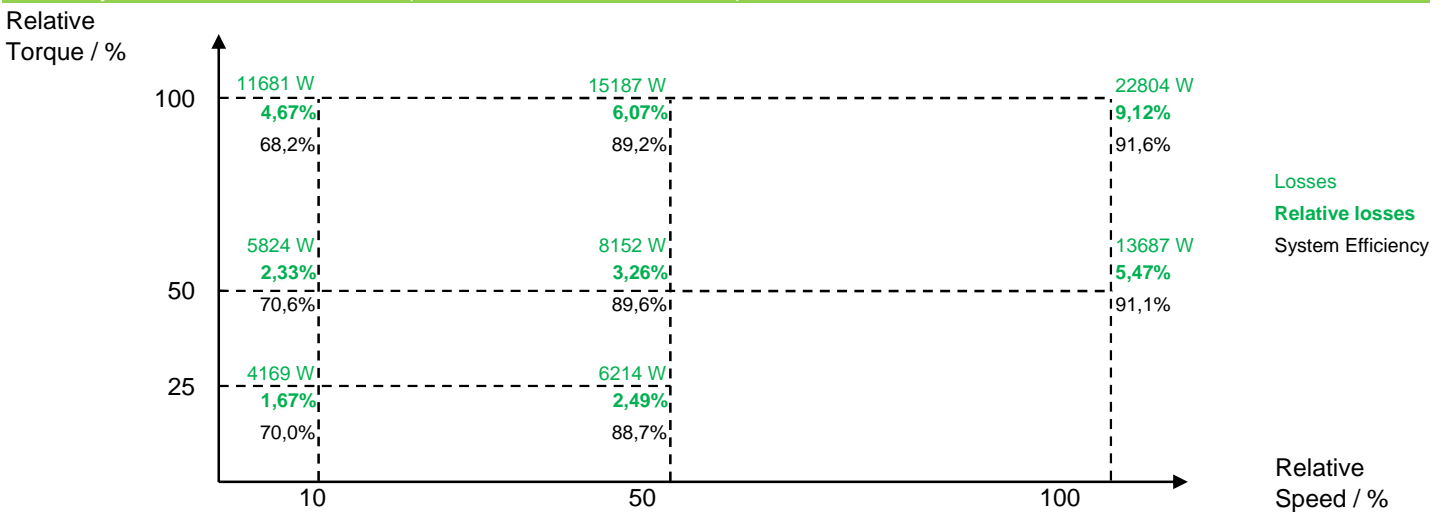
Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 250 kW / - HP
 Overload : Normal Duty
 Nominal current : 477 A
 Nominal apparent power : 330,5 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

Standby losses : 142 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630C31N4F**

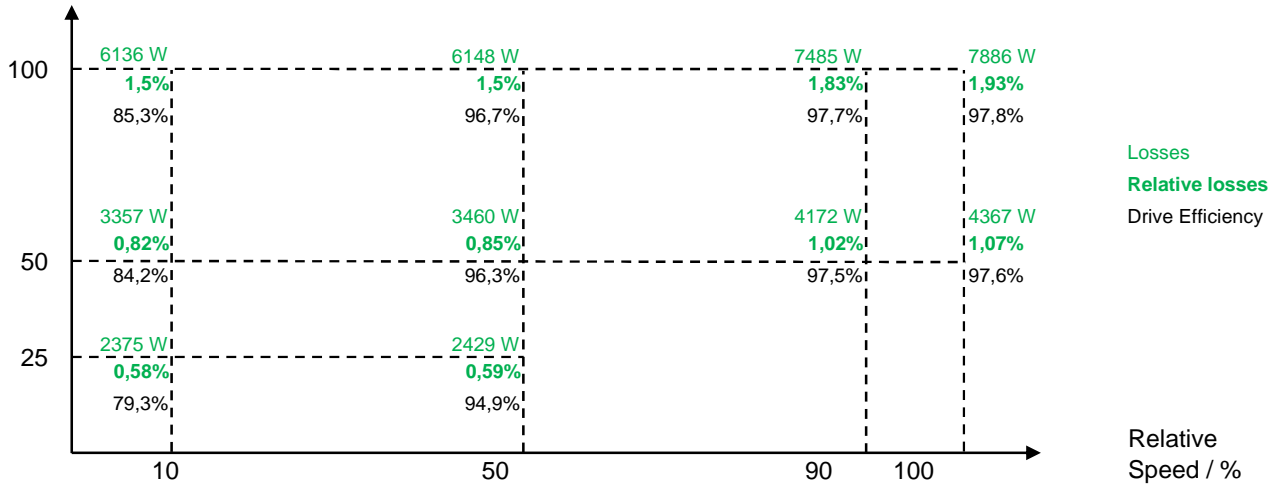


Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 315 kW / - HP
 Overload : Normal Duty
 Nominal current : 590 A
 Nominal apparent power : 408,8 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

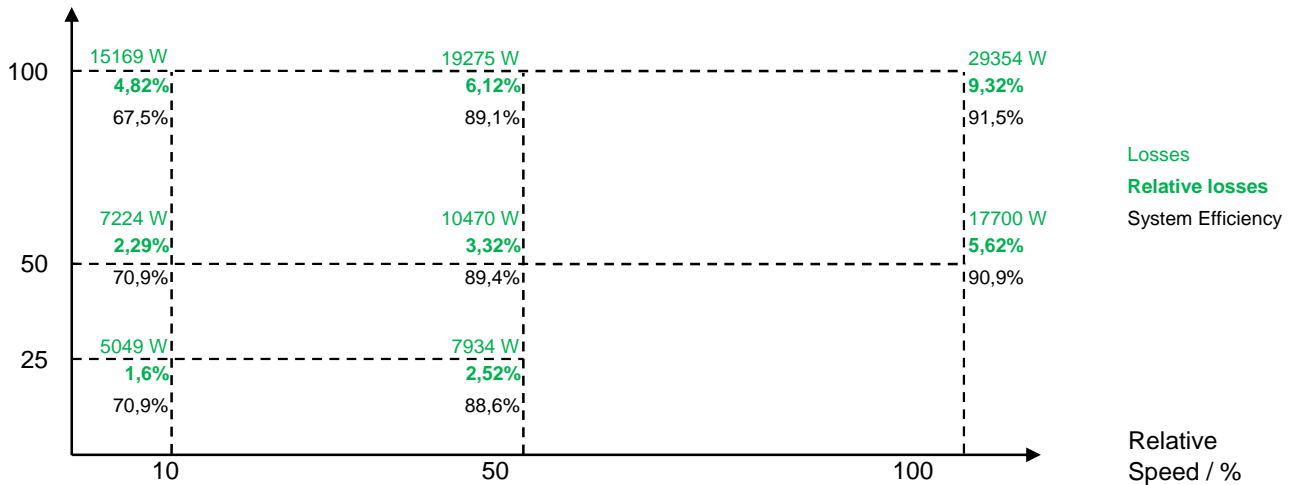
Standby losses : 142 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV650U07N4(E)**

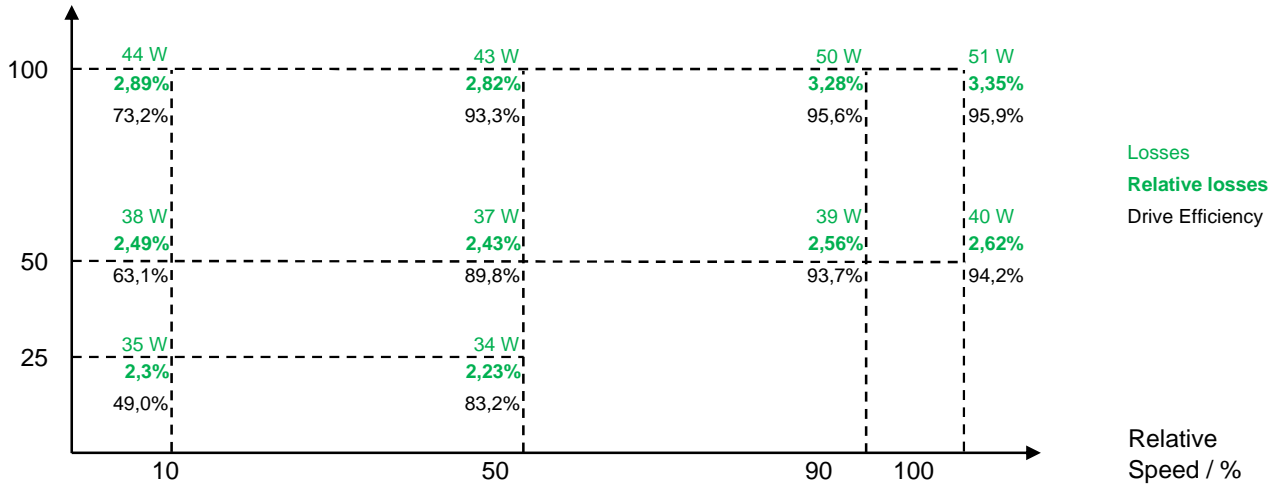


Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 0,75 kW / 1 HP
 Overload : Normal Duty
 Nominal current : 2,2 A
 Nominal apparent power : 1,5 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

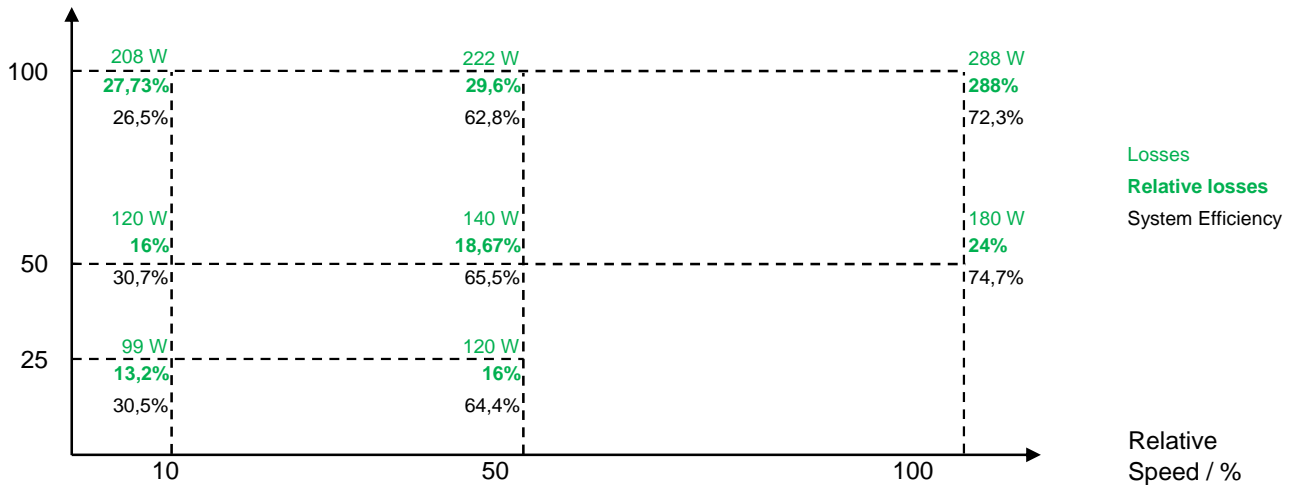
Standby losses : 14 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

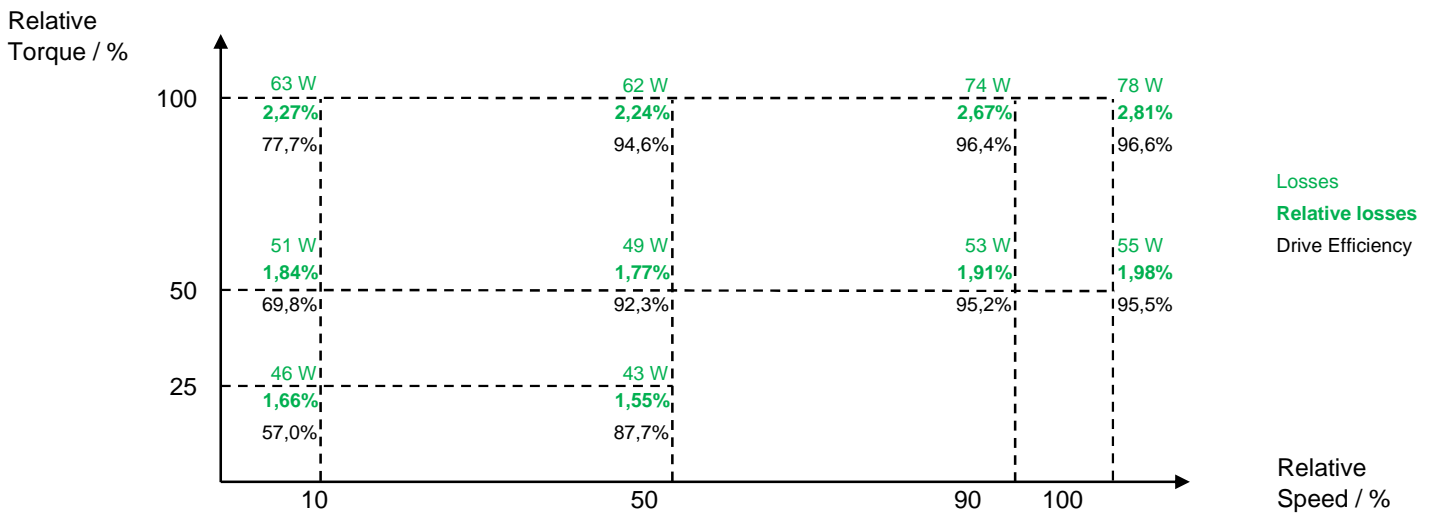
Reference : **ATV650U15N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 1,5 kW / 2 HP
 Overload : Normal Duty
 Nominal current : 4 A
 Nominal apparent power : 2,8 kVA
 Nominal frequency : 50 Hz

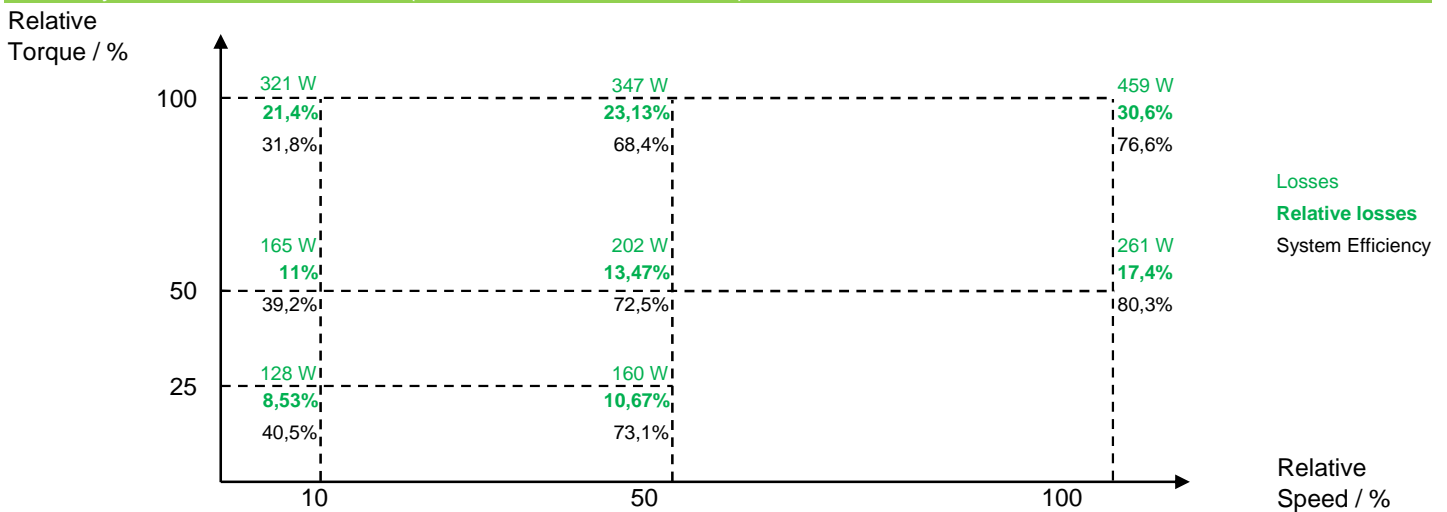


Efficiency data for the Drive

Standby losses : 14 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV650U22N4(E)**

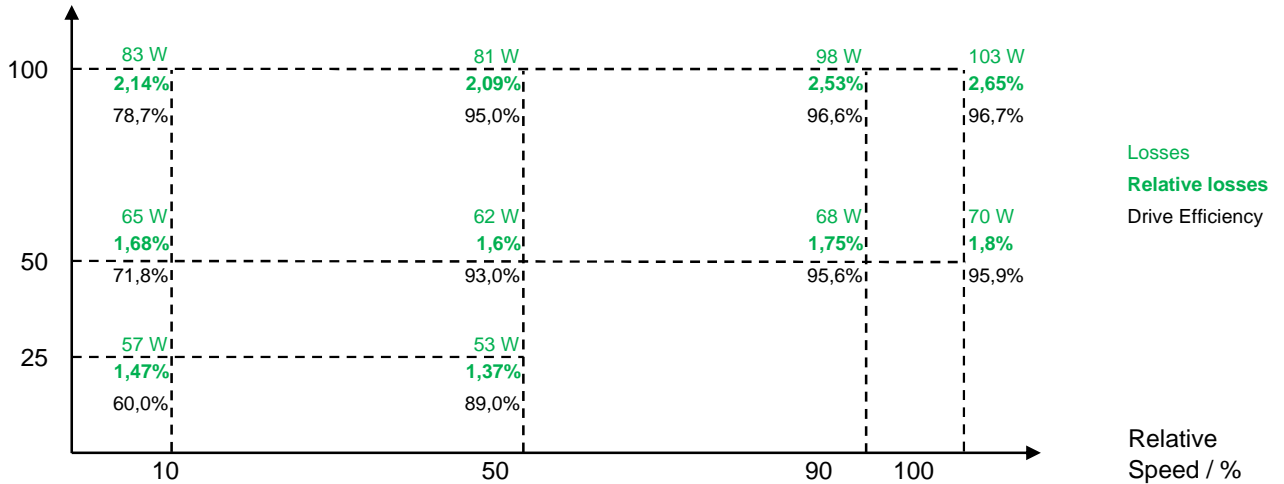
Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 2,2 kW / 3 HP
 Overload : Normal Duty
 Nominal current : 5,6 A
 Nominal apparent power : 3,9 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

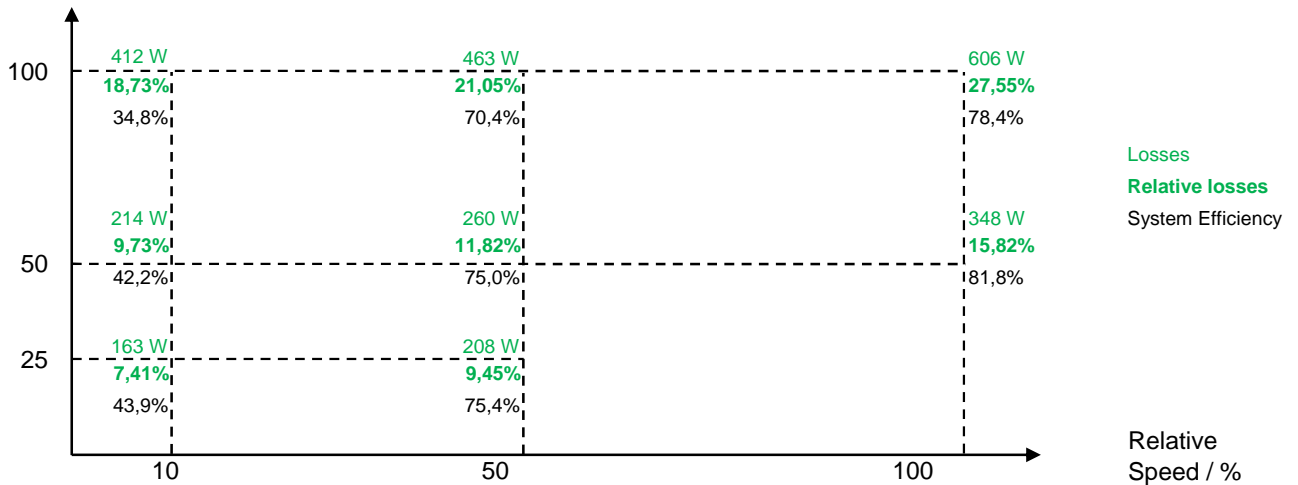
Standby losses : 14 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV650U30N4(E)**

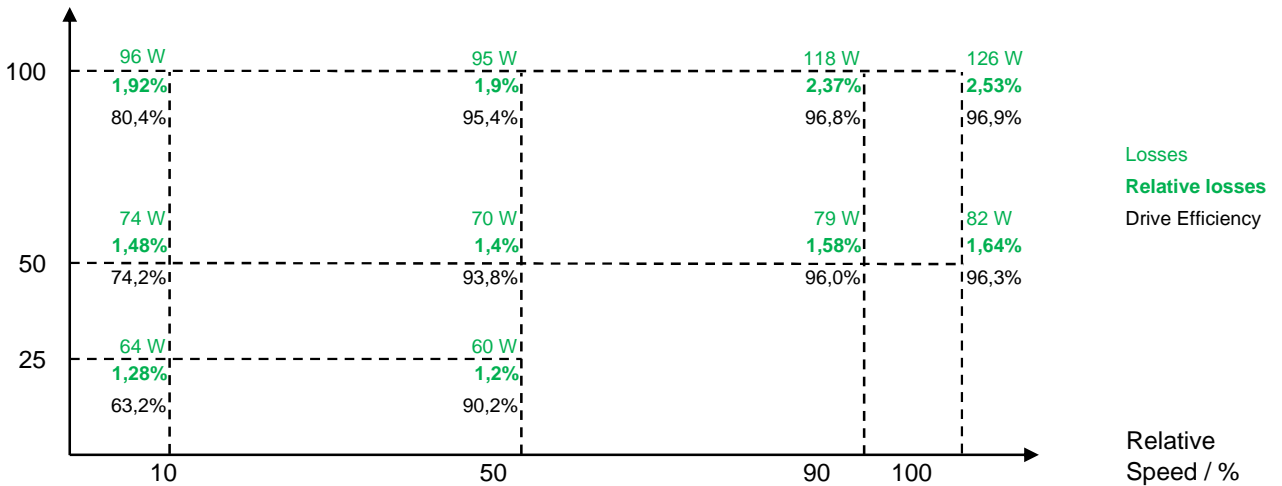
Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 3 kW / - HP
 Overload : Normal Duty
 Nominal current : 7,2 A
 Nominal apparent power : 5 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

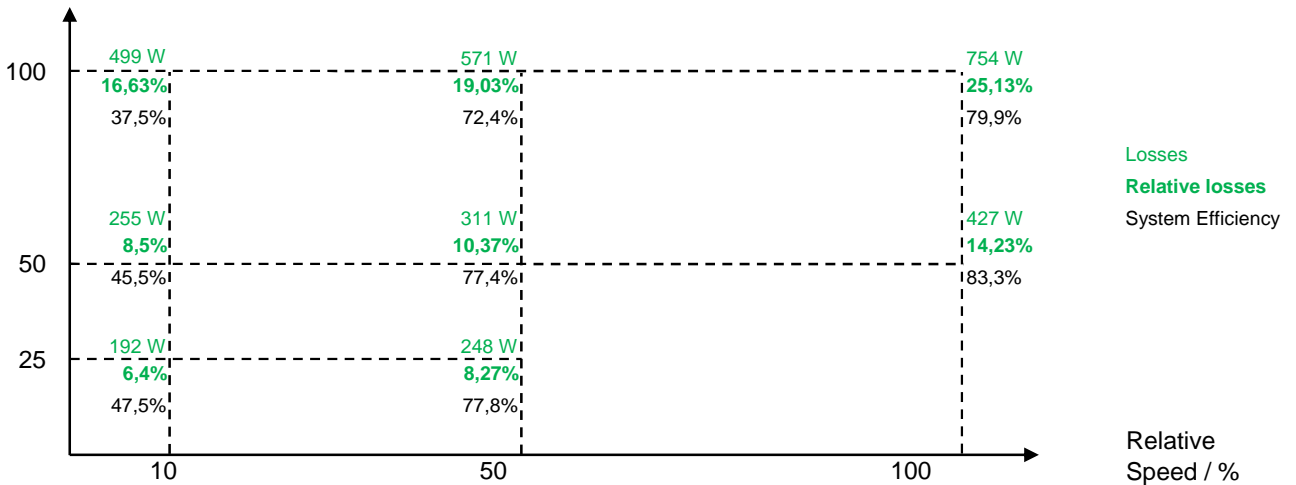
Standby losses : 14 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV650U40N4(E)**

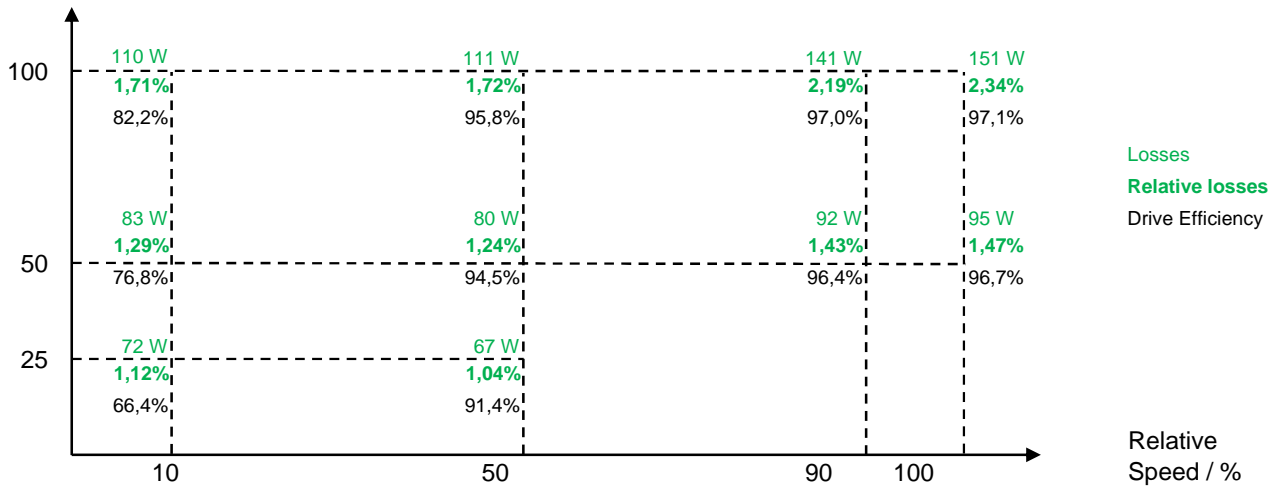


Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 4 kW / 5 HP
 Overload : Normal Duty
 Nominal current : 9,3 A
 Nominal apparent power : 6,4 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

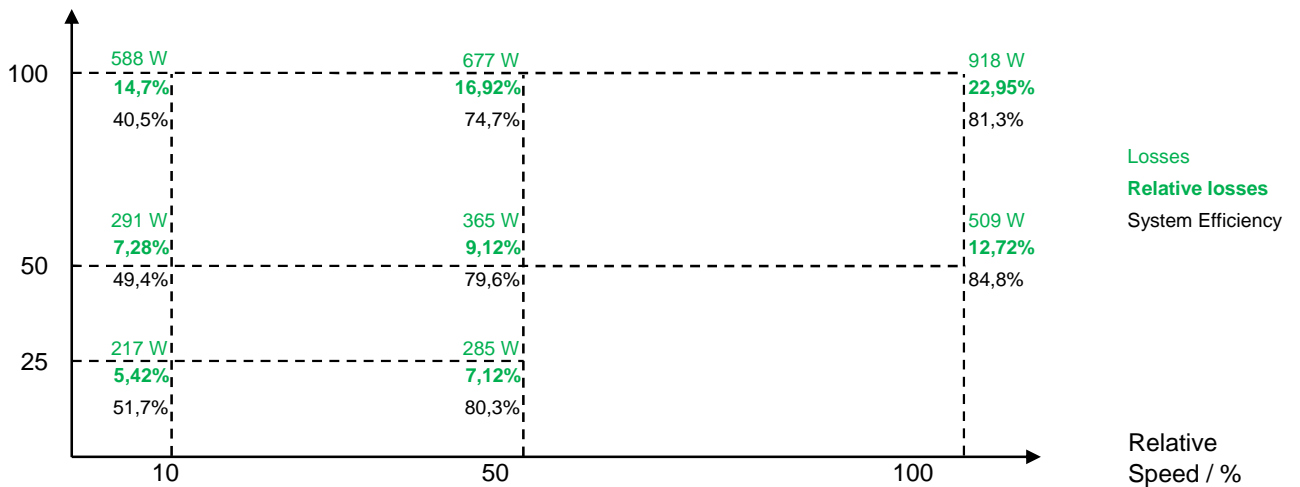
Standby losses : 14 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV650U55N4(E)**

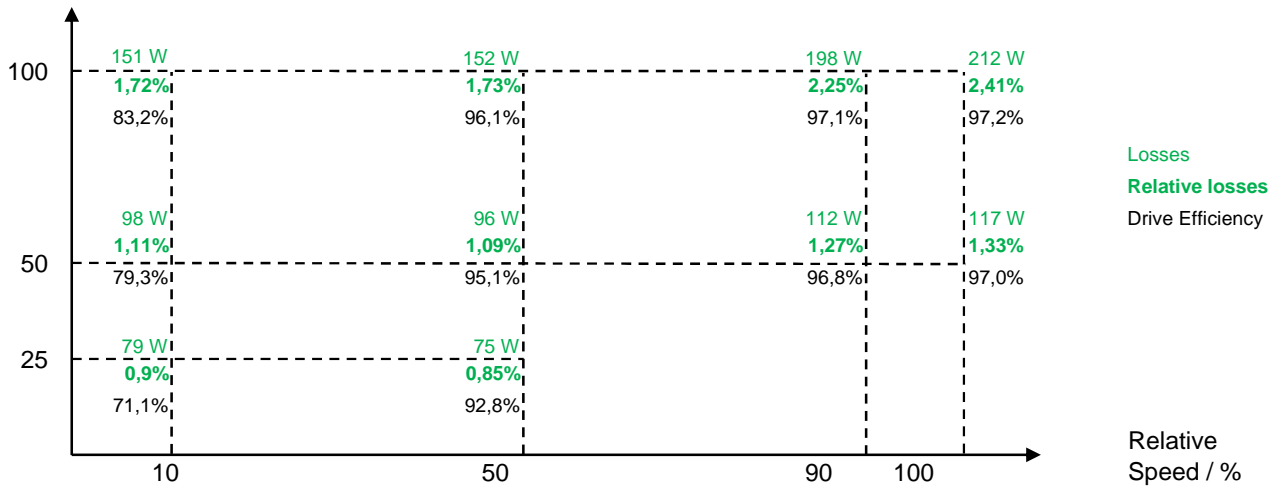
Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 5,5 kW / 7,5 HP
 Overload : Normal Duty
 Nominal current : 12,7 A
 Nominal apparent power : 8,8 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

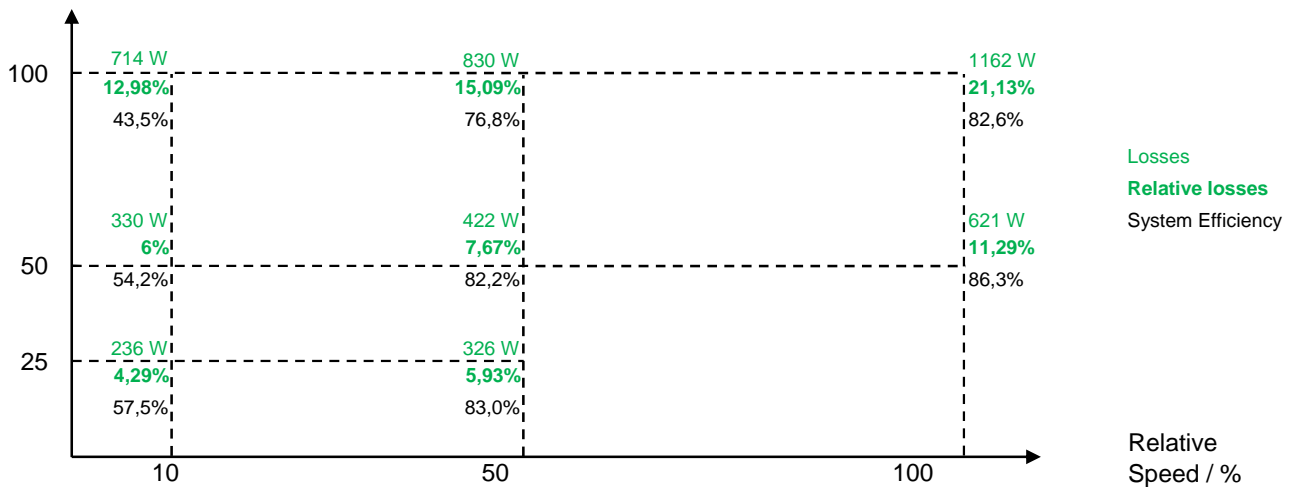
Standby losses : 14 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

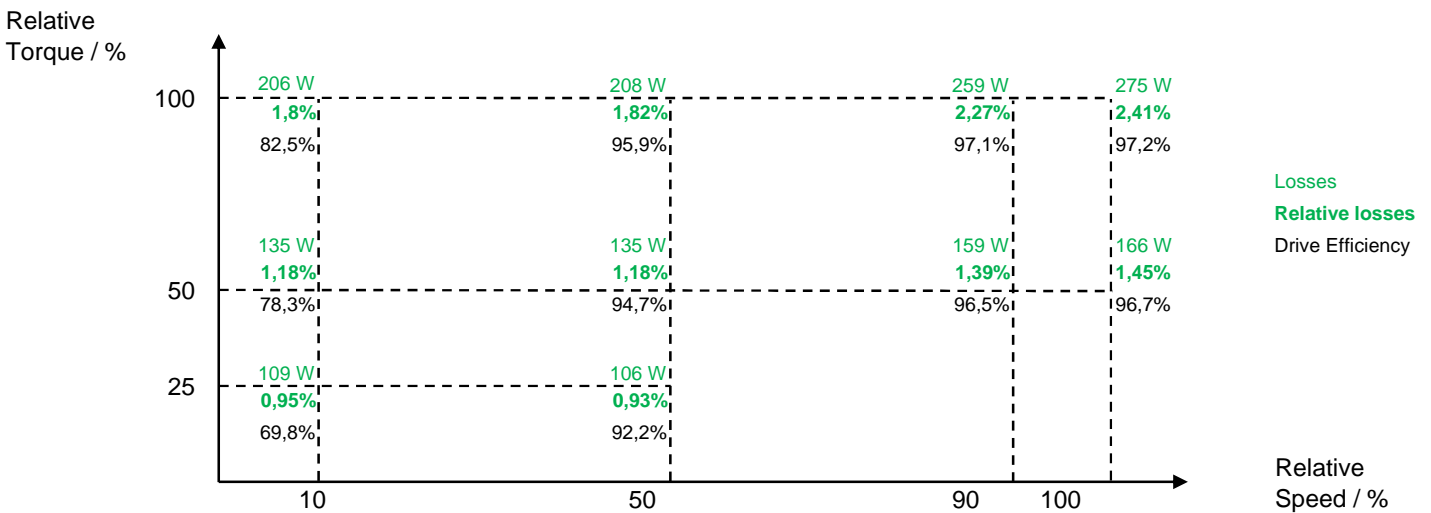
Reference : **ATV650U75N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 7,5 kW / 10 HP
 Overload : Normal Duty
 Nominal current : 16,5 A
 Nominal apparent power : 11,4 kVA
 Nominal frequency : 50 Hz

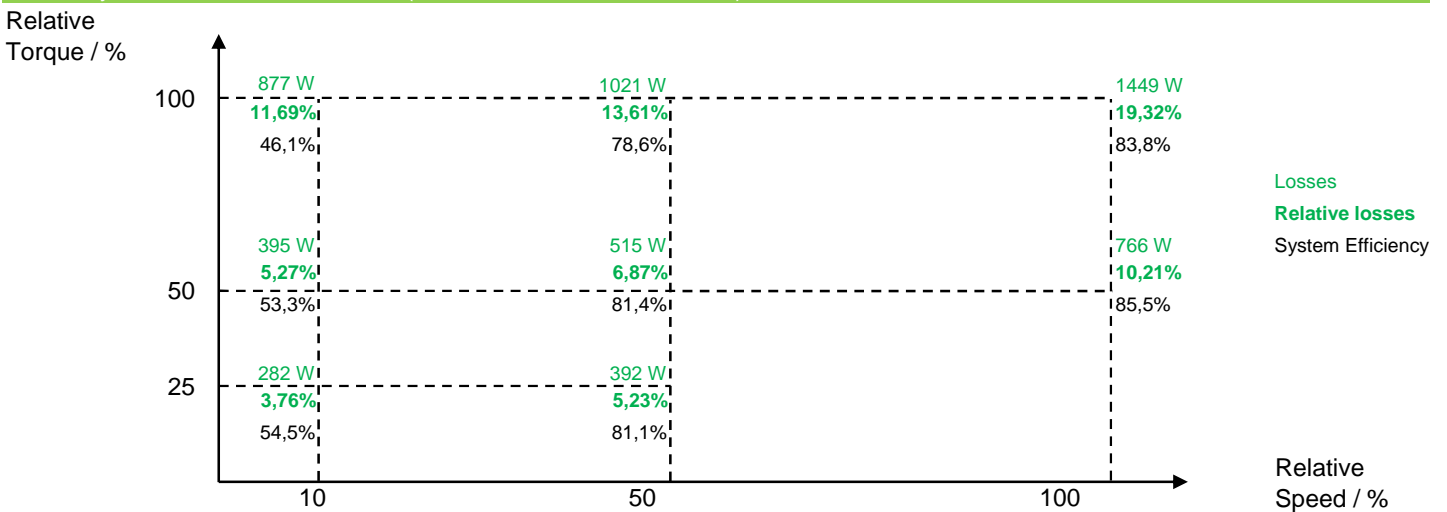


Efficiency data for the Drive

Standby losses : 17 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

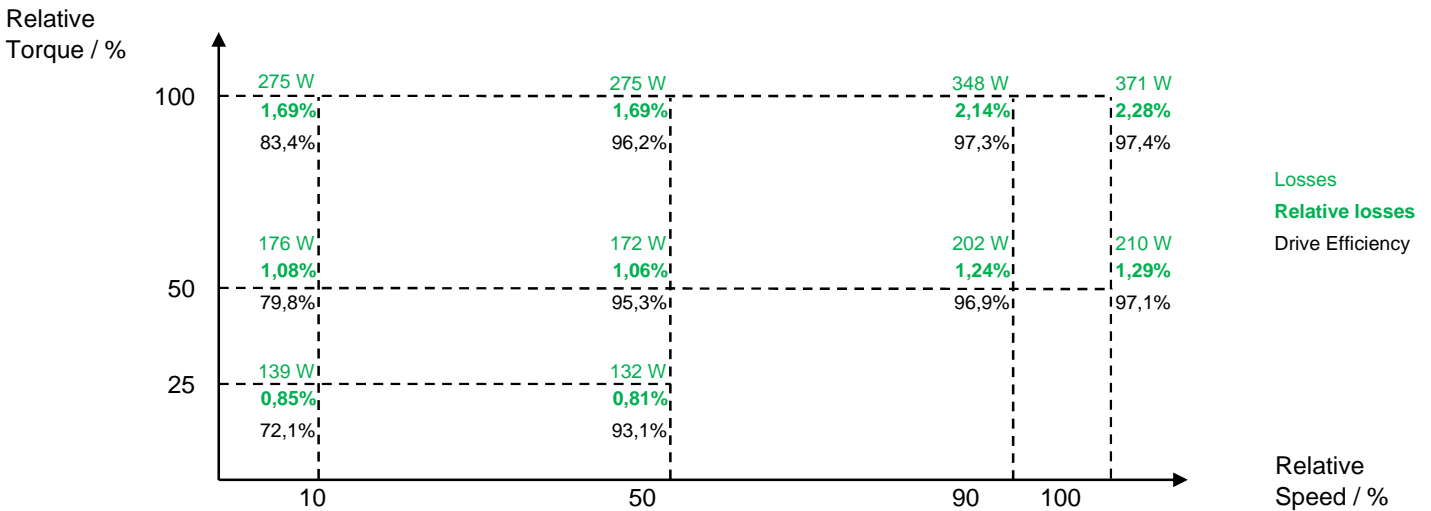
Reference : **ATV650D11N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 11 kW / 15 HP
 Overload : Normal Duty
 Nominal current : 23,5 A
 Nominal apparent power : 16,3 kVA
 Nominal frequency : 50 Hz

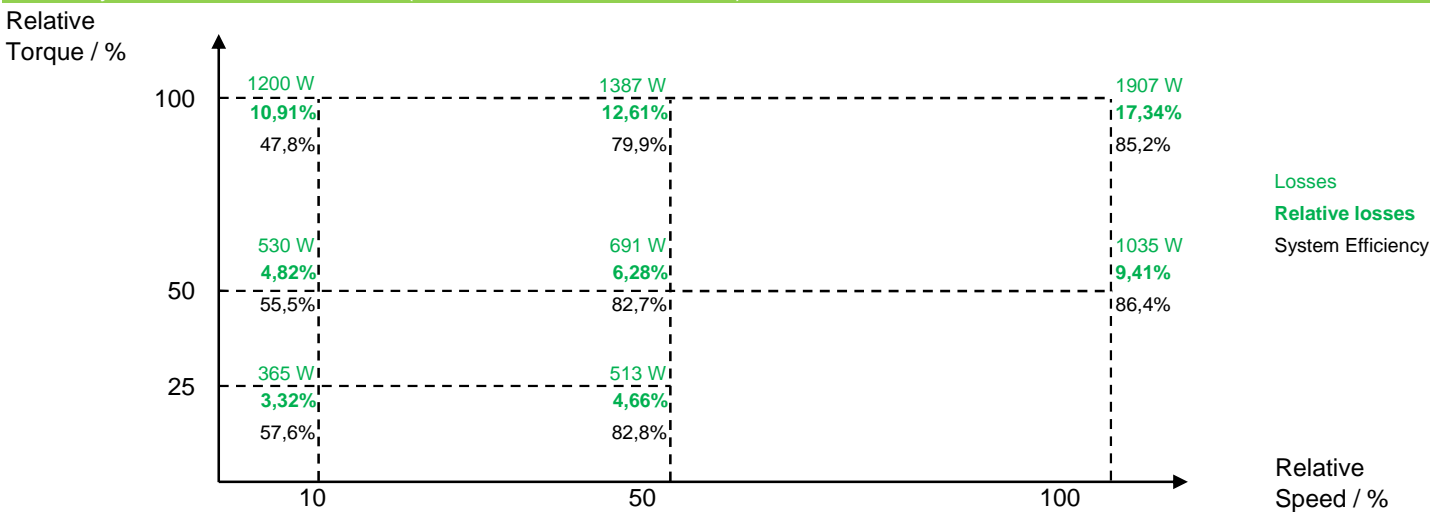


Efficiency data for the Drive

Standby losses : 17 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

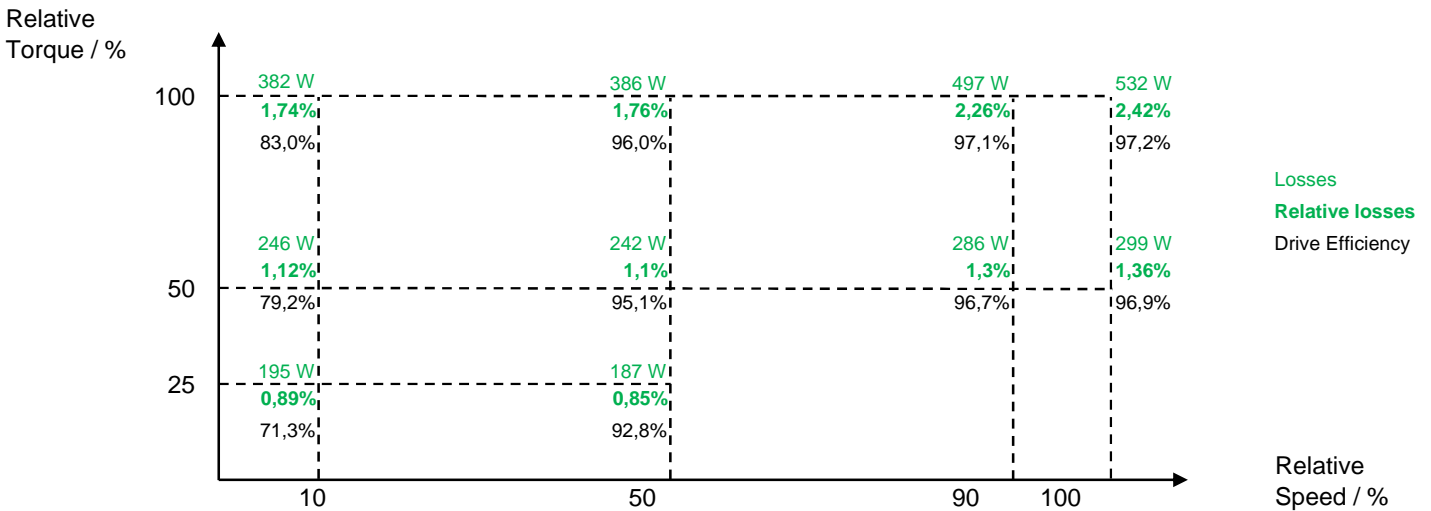
Reference : **ATV650D15N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 15 kW / 20 HP
 Overload : Normal Duty
 Nominal current : 31,7 A
 Nominal apparent power : 22 kVA
 Nominal frequency : 50 Hz

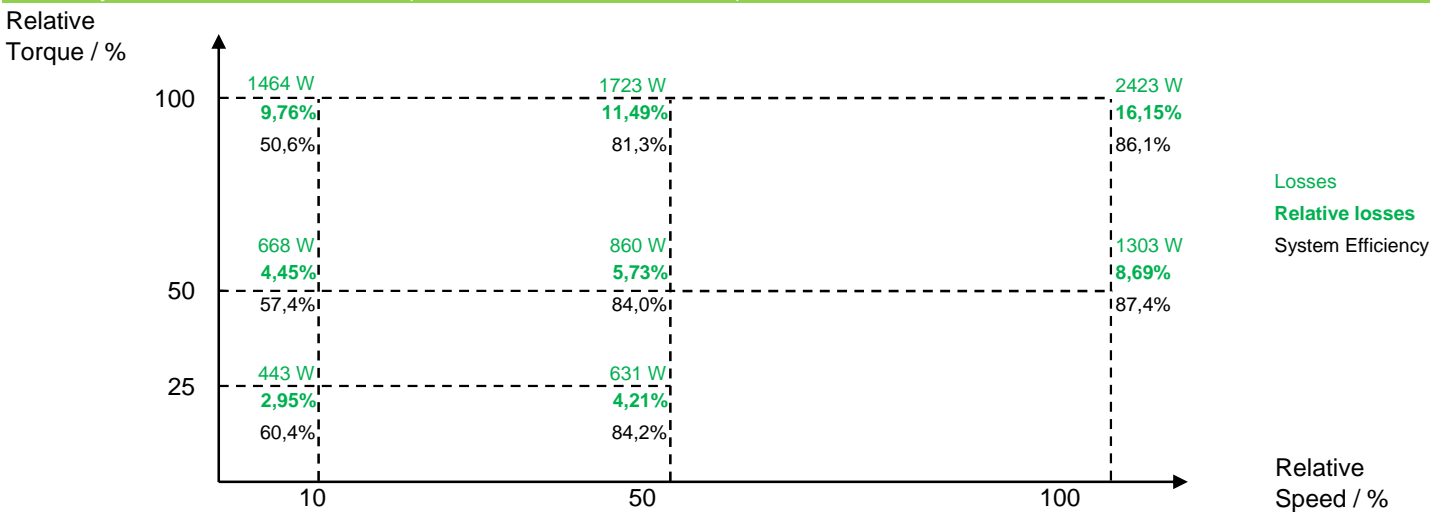


Efficiency data for the Drive

Standby losses : 23 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

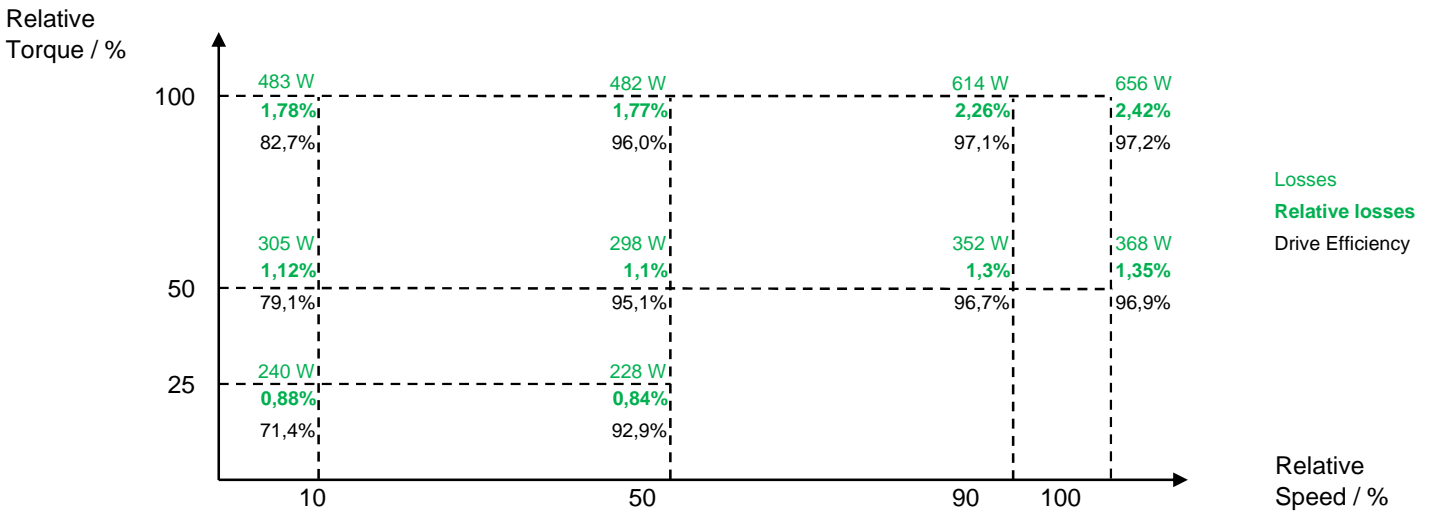
Reference : **ATV650D18N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 18,5 kW / 25 HP
 Overload : Normal Duty
 Nominal current : 39,2 A
 Nominal apparent power : 27,2 kVA
 Nominal frequency : 50 Hz

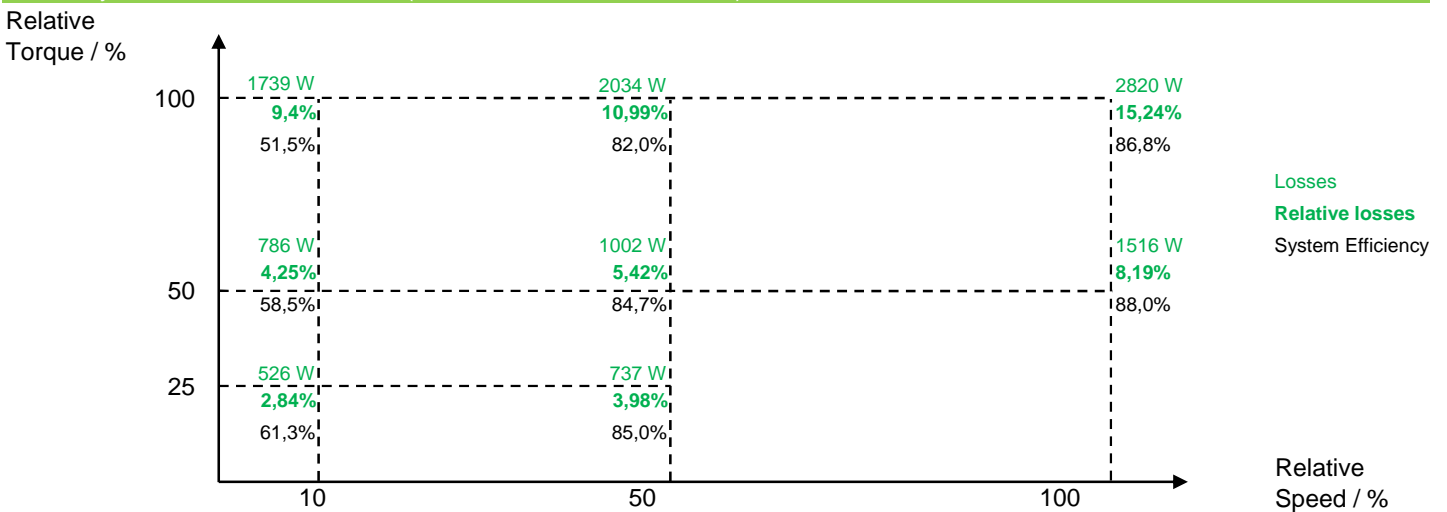


Efficiency data for the Drive

Standby losses : 23 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV650D22N4(E)**

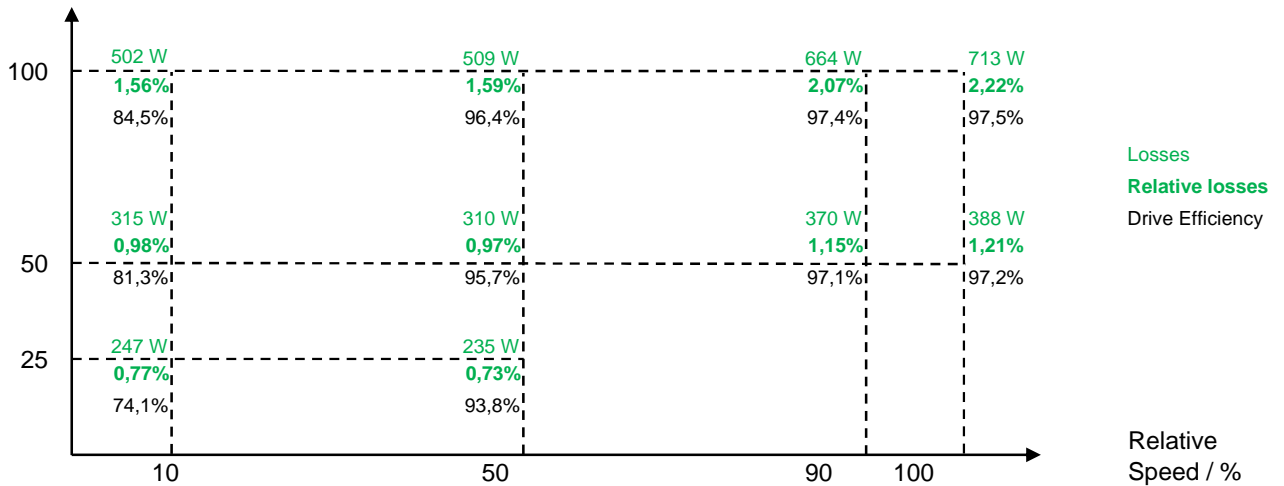


Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 22 kW / 30 HP
 Overload : Normal Duty
 Nominal current : 46,3 A
 Nominal apparent power : 32,1 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

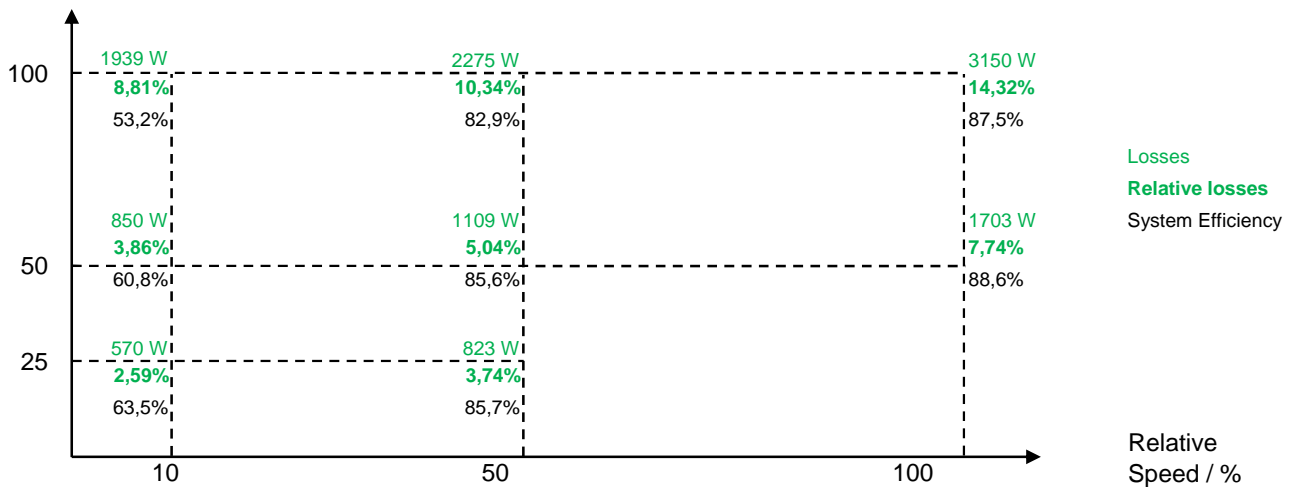
Standby losses : 23 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

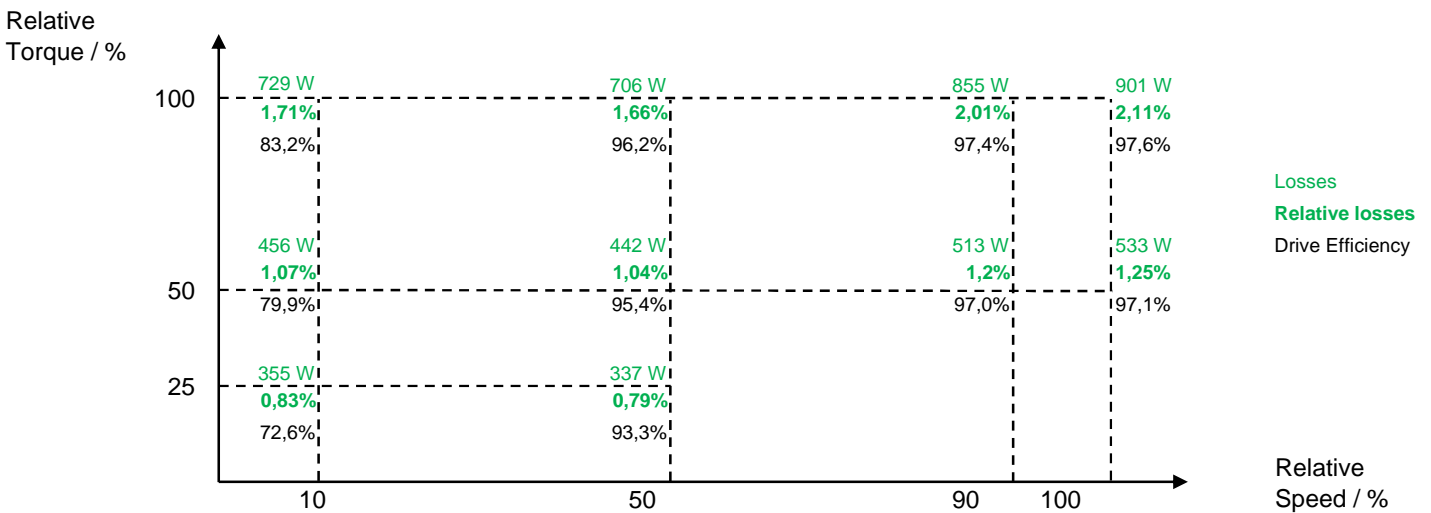
Reference : **ATV650D30N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 30 kW / 40 HP
 Overload : Normal Duty
 Nominal current : 61,5 A
 Nominal apparent power : 42,6 kVA
 Nominal frequency : 50 Hz

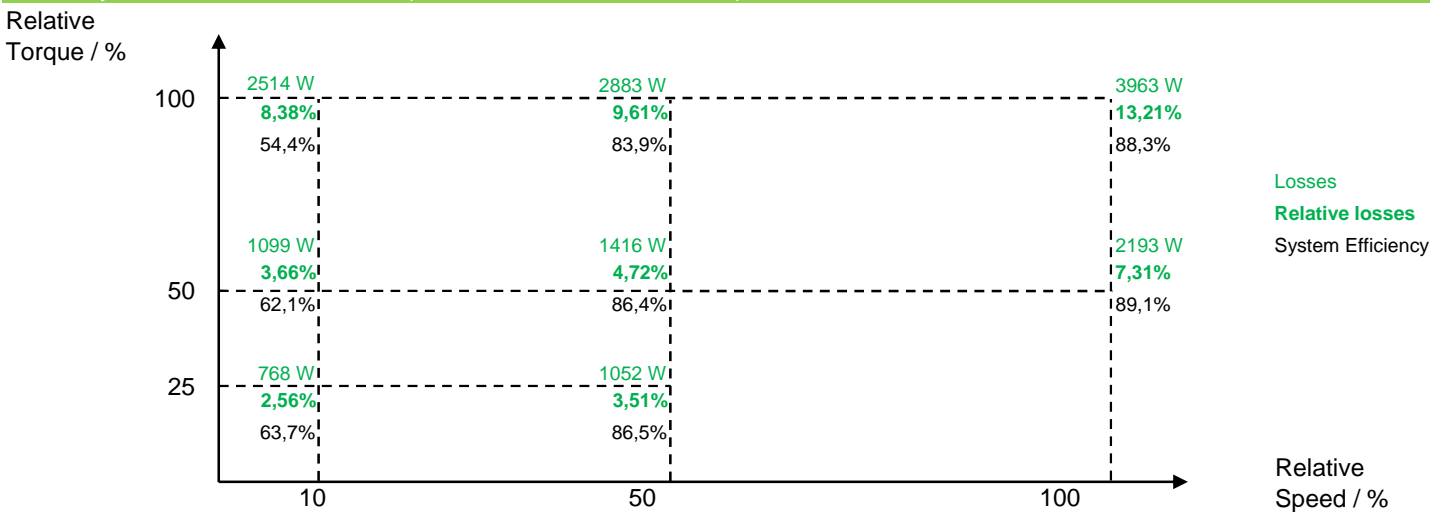


Efficiency data for the Drive

Standby losses : 31 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

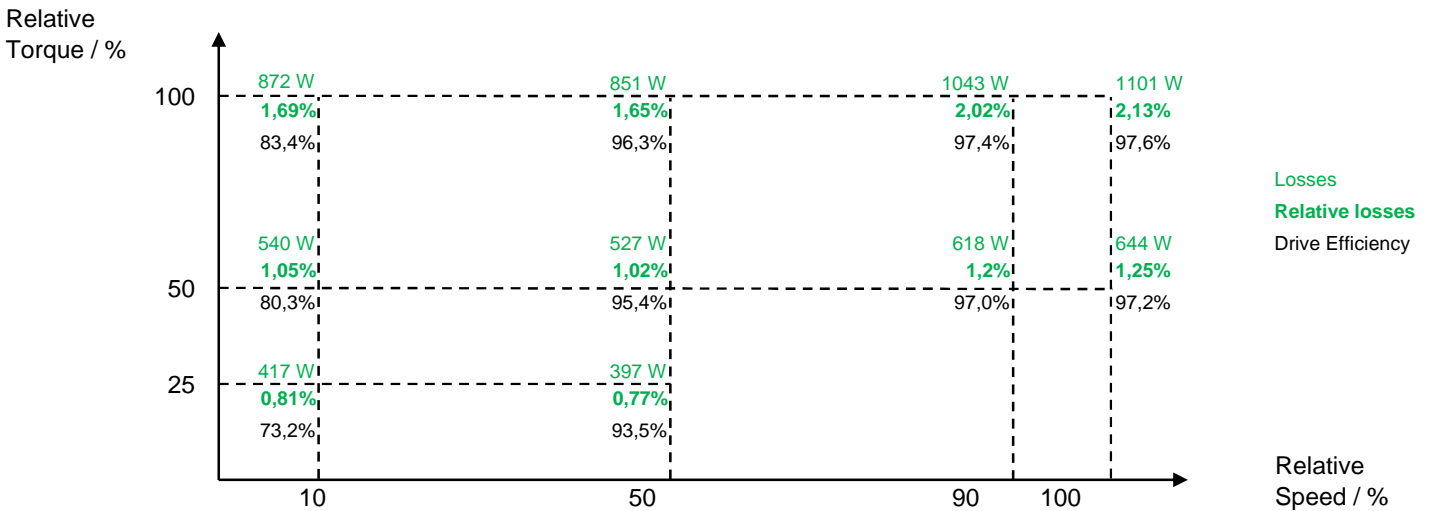
Reference : **ATV650D37N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 37 kW / 50 HP
 Overload : Normal Duty
 Nominal current : 74,5 A
 Nominal apparent power : 51,6 kVA
 Nominal frequency : 50 Hz

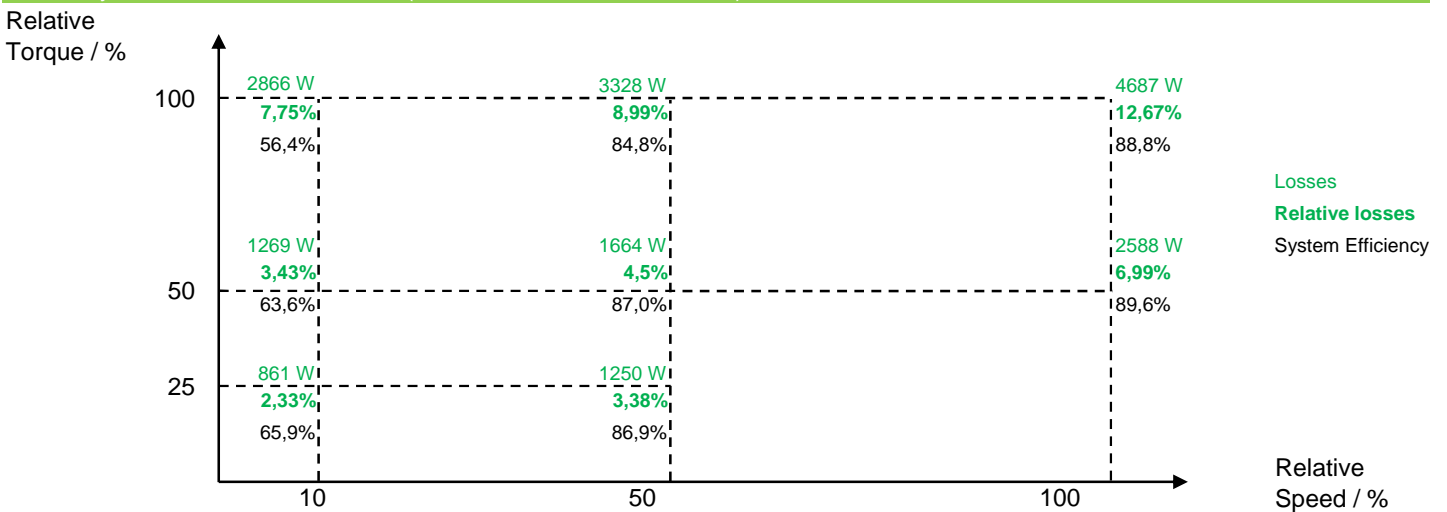


Efficiency data for the Drive

Standby losses : 31 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

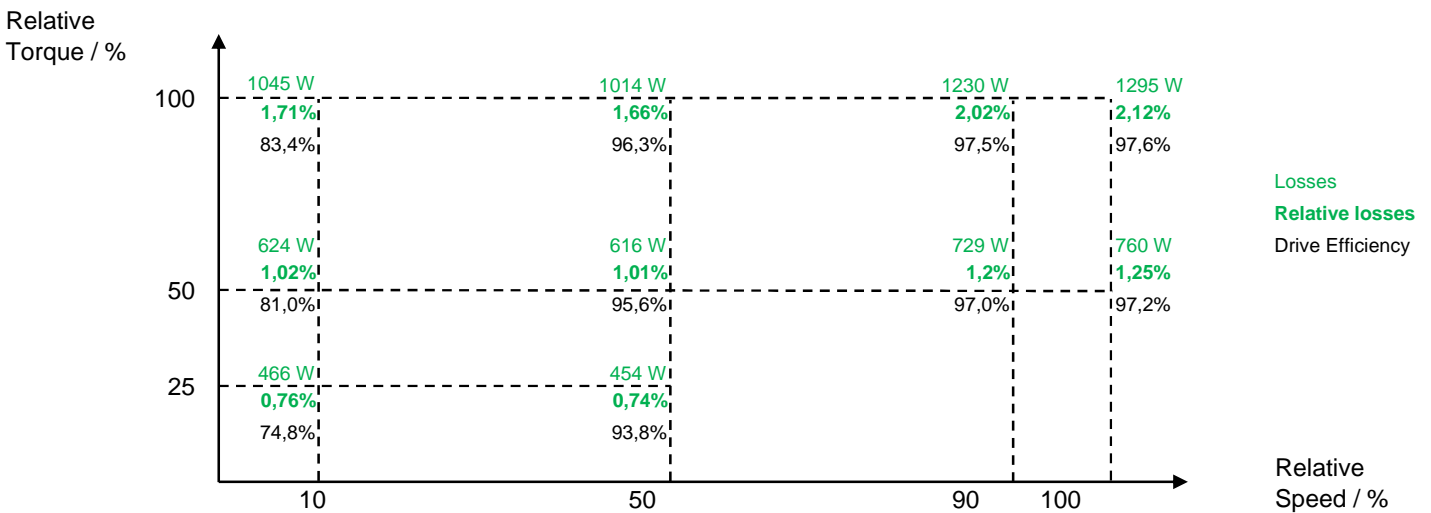
Reference : **ATV650D45N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 45 kW / 60 HP
 Overload : Normal Duty
 Nominal current : 88 A
 Nominal apparent power : 61 kVA
 Nominal frequency : 50 Hz

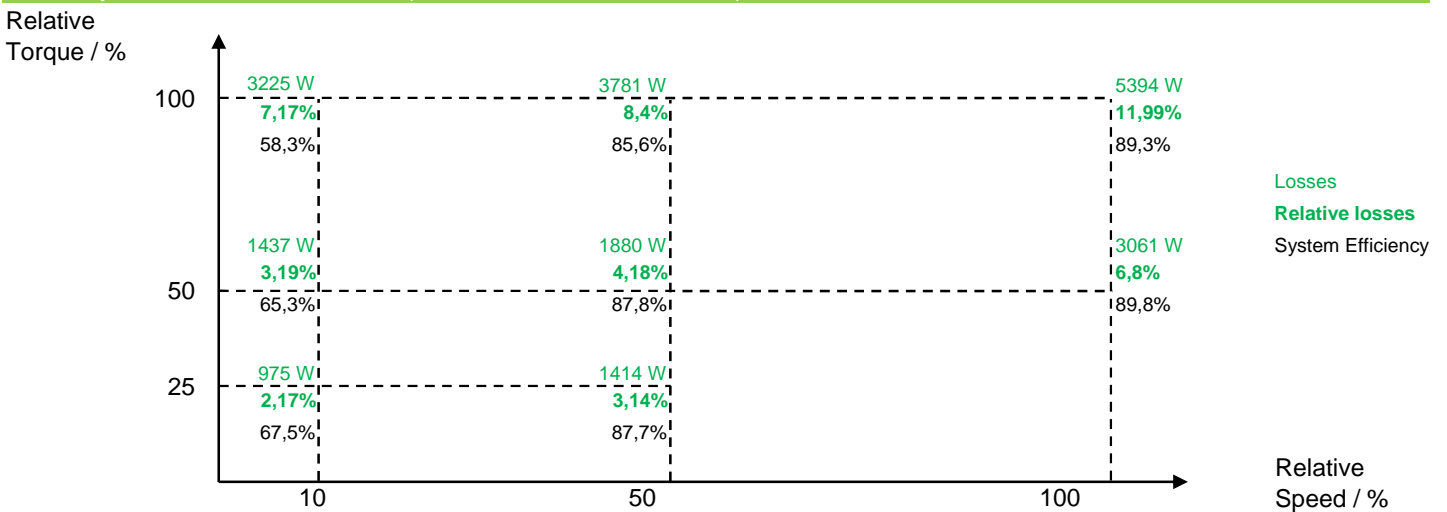


Efficiency data for the Drive

Standby losses : 31 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

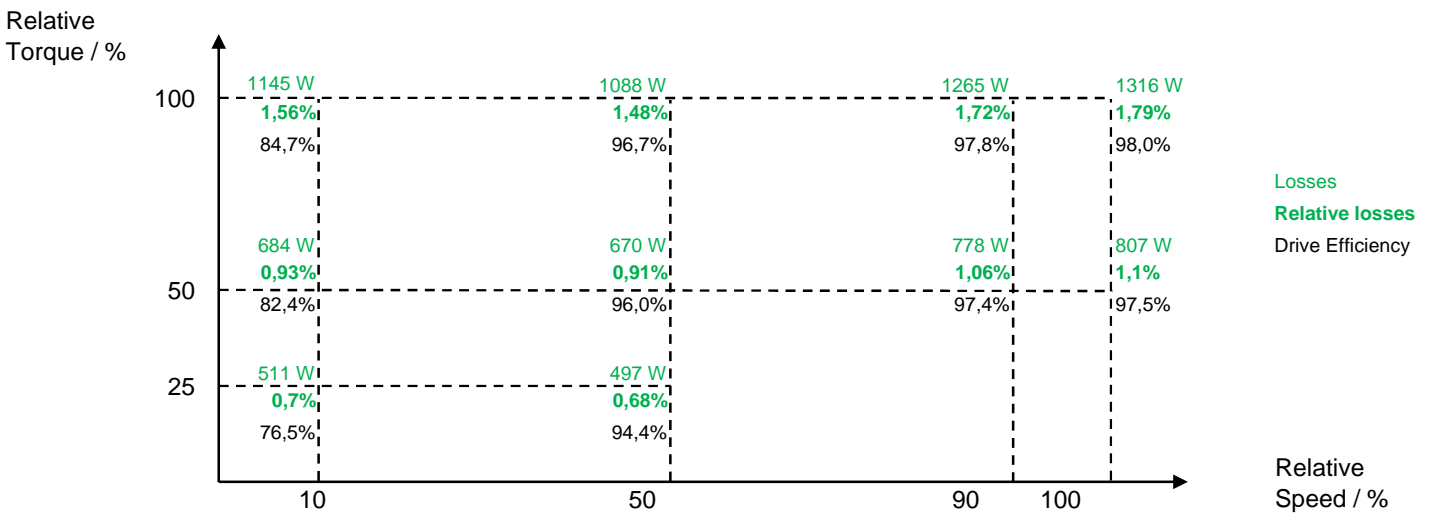
Reference : **ATV650D55N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 55 kW / 75 HP
 Overload : Normal Duty
 Nominal current : 106 A
 Nominal apparent power : 73,4 kVA
 Nominal frequency : 50 Hz

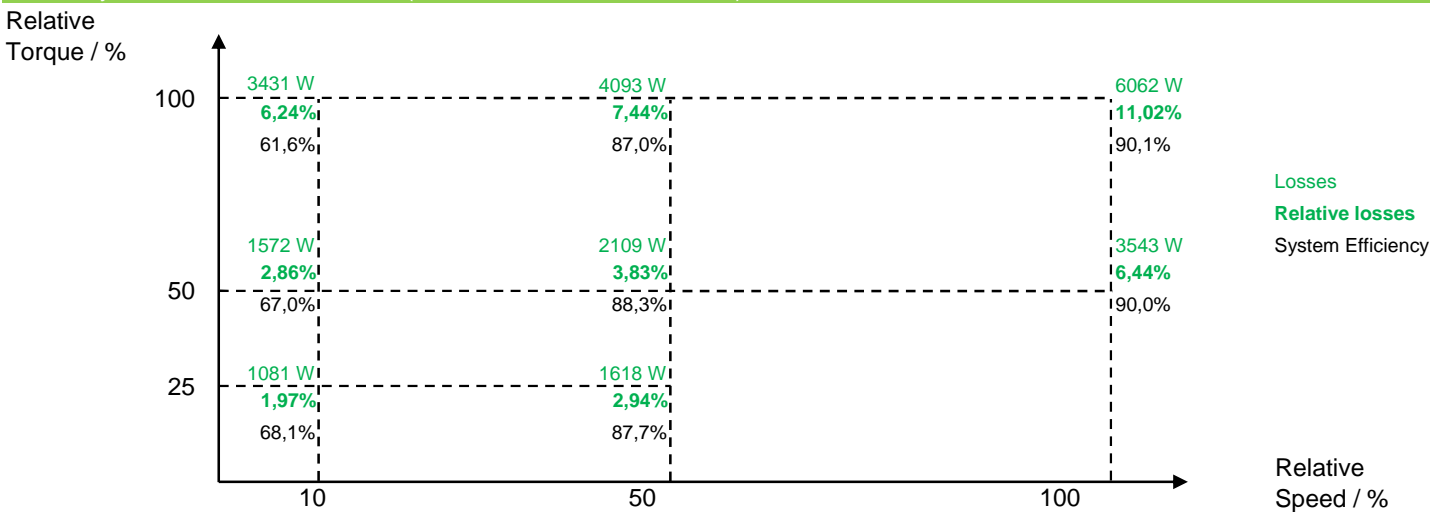


Efficiency data for the Drive

Standby losses : 32 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

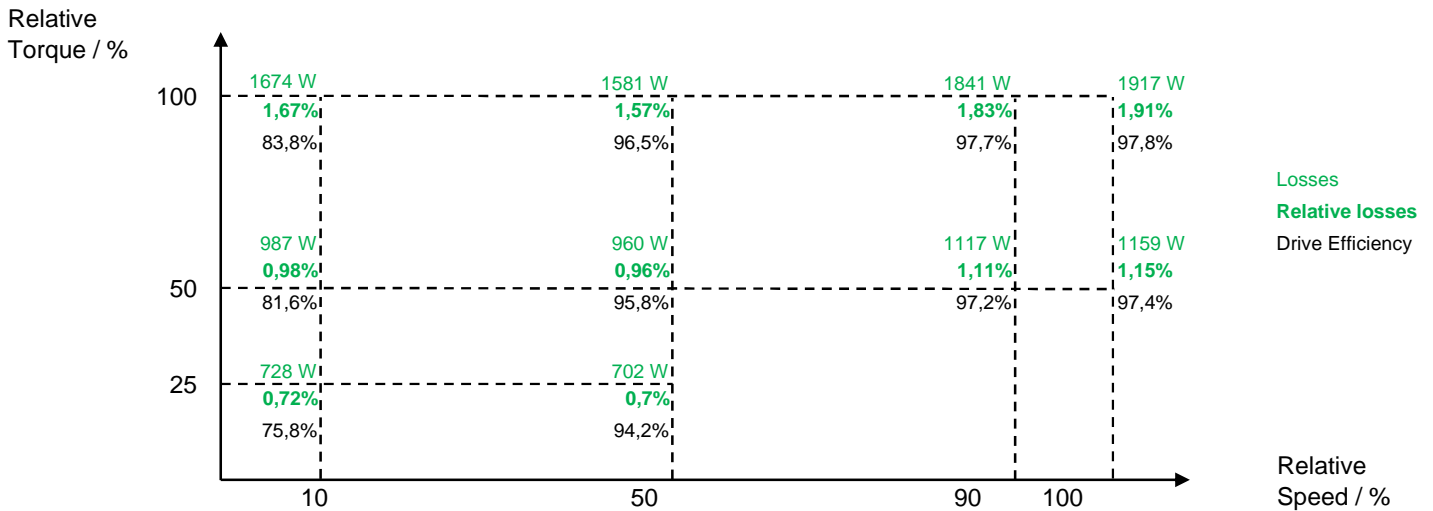
Reference : **ATV650D75N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 75 kW / 100 HP
 Overload : Normal Duty
 Nominal current : 145 A
 Nominal apparent power : 100,5 kVA
 Nominal frequency : 50 Hz

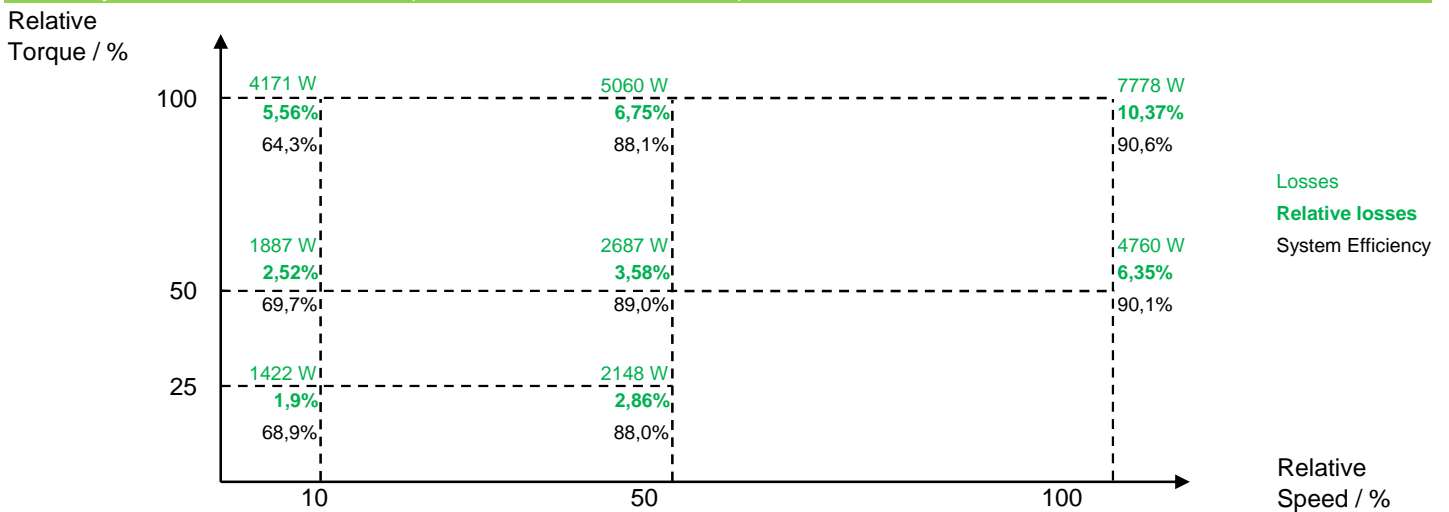


Efficiency data for the Drive

Standby losses : 32 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

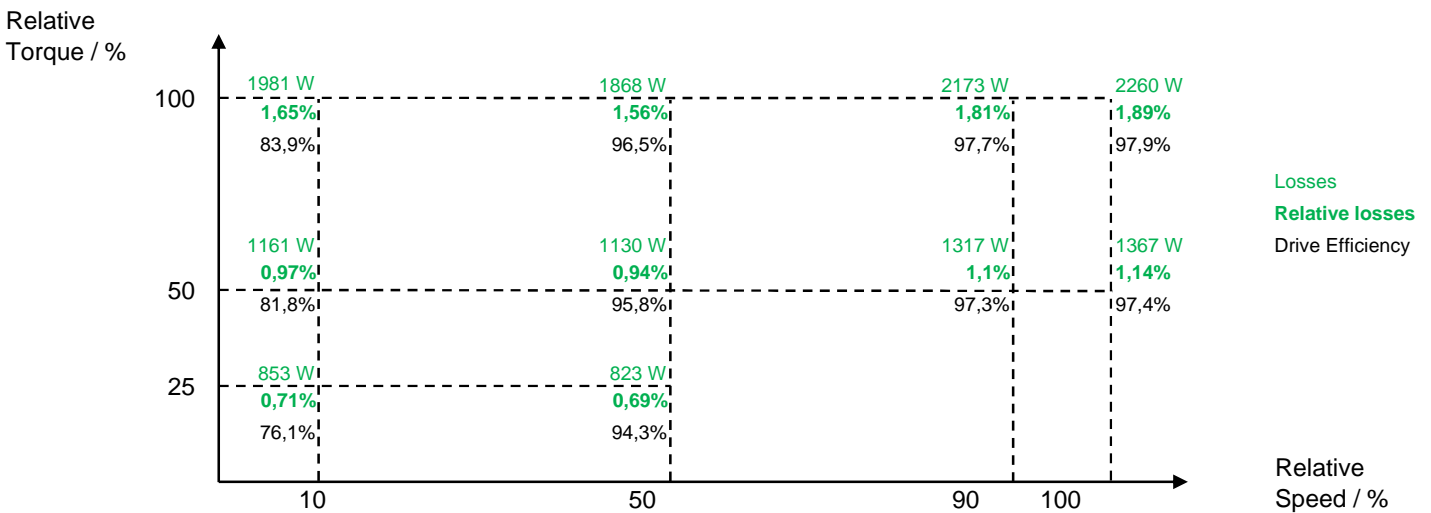
Reference : **ATV650D90N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 90 kW / 125 HP
 Overload : Normal Duty
 Nominal current : 173 A
 Nominal apparent power : 119,9 kVA
 Nominal frequency : 50 Hz

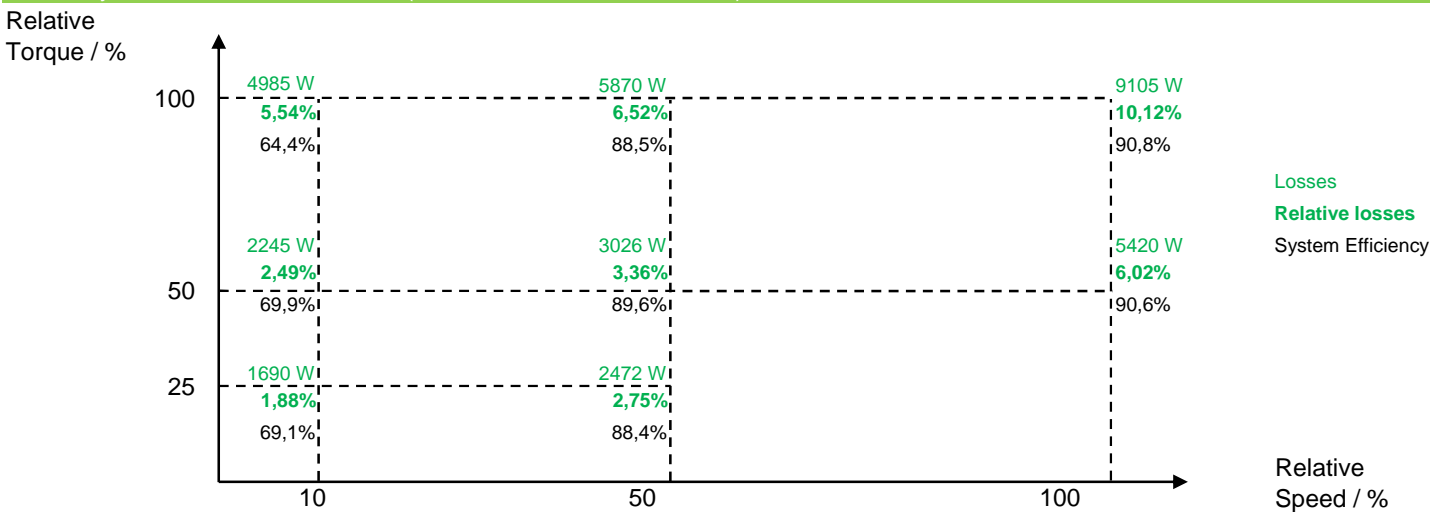


Efficiency data for the Drive

Standby losses : 32 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV650C11N4F**

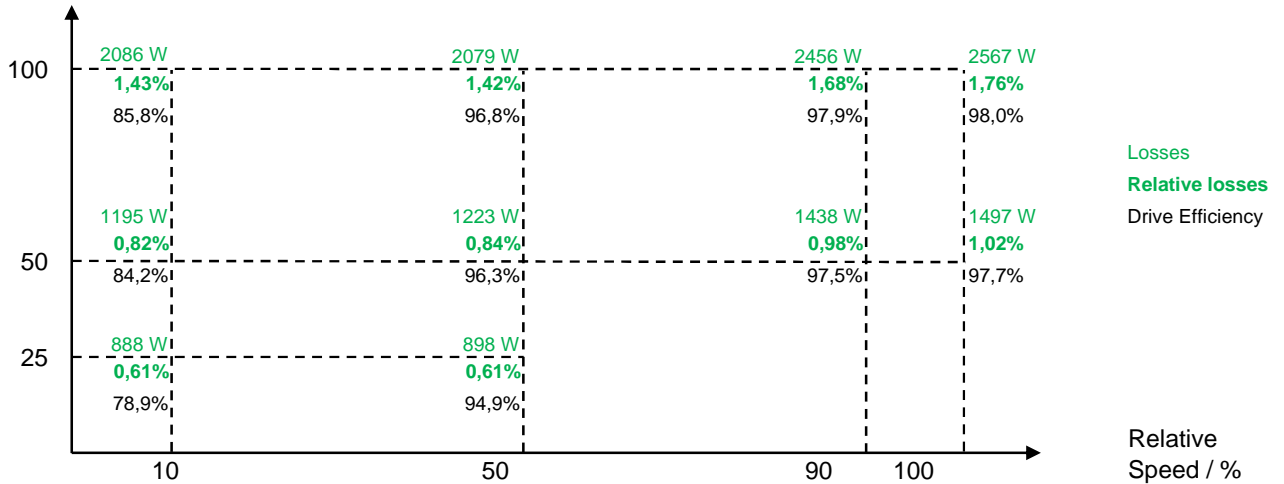
Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 110 kW / - HP
 Overload : Normal Duty
 Nominal current : 211 A
 Nominal apparent power : 146,2 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

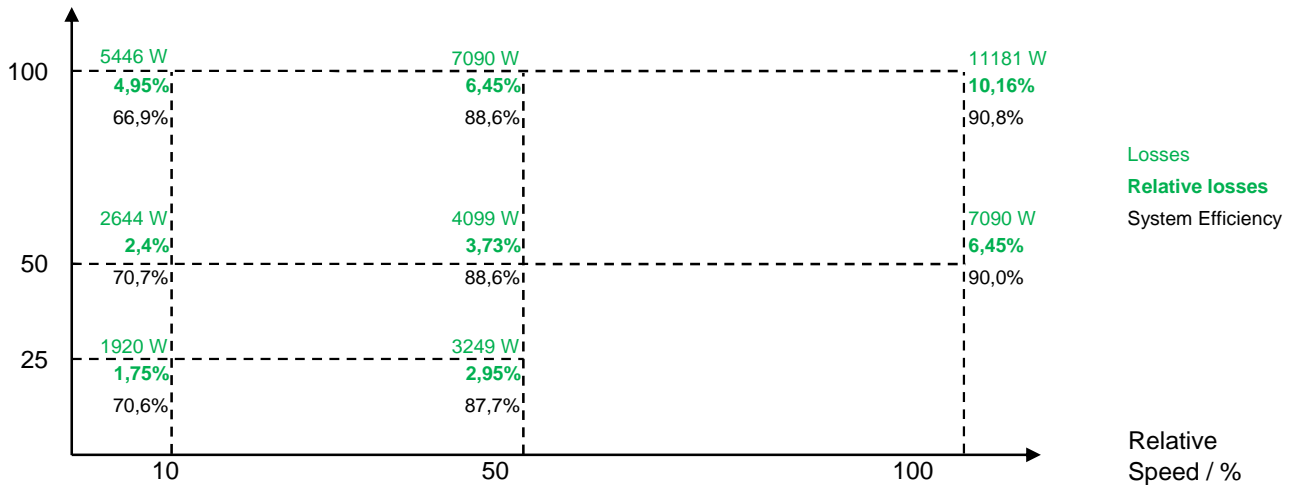
Standby losses : 74 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV650C13N4F**

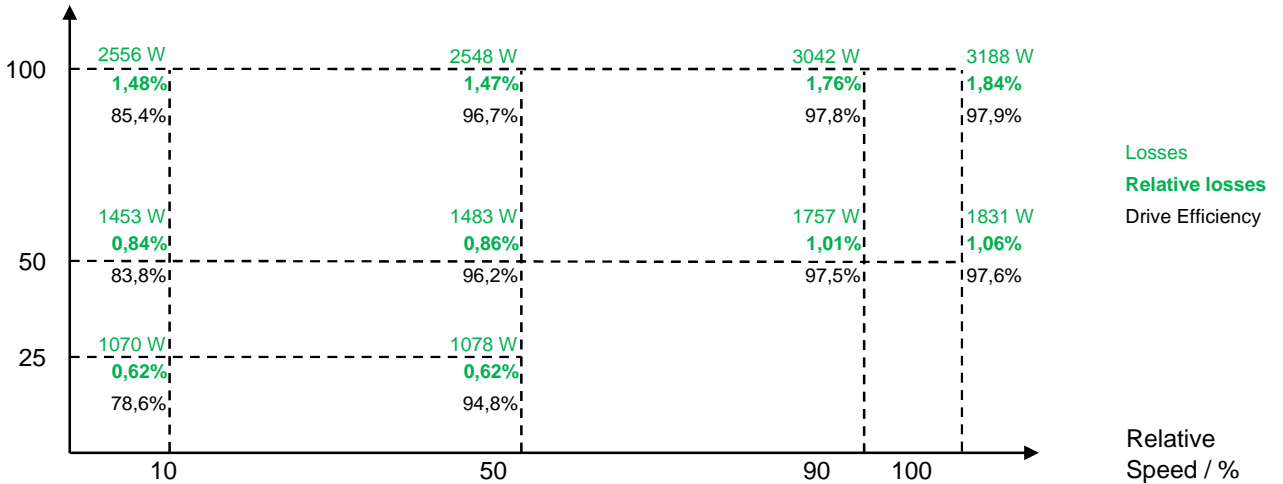


Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 132 kW / - HP
 Overload : Normal Duty
 Nominal current : 250 A
 Nominal apparent power : 173,2 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

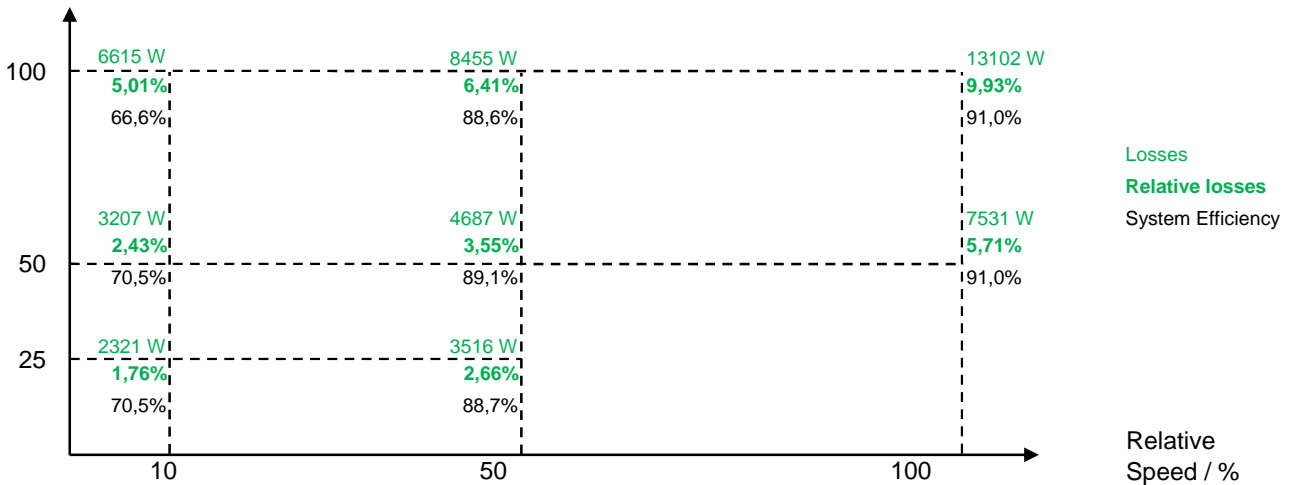
Standby losses : 74 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

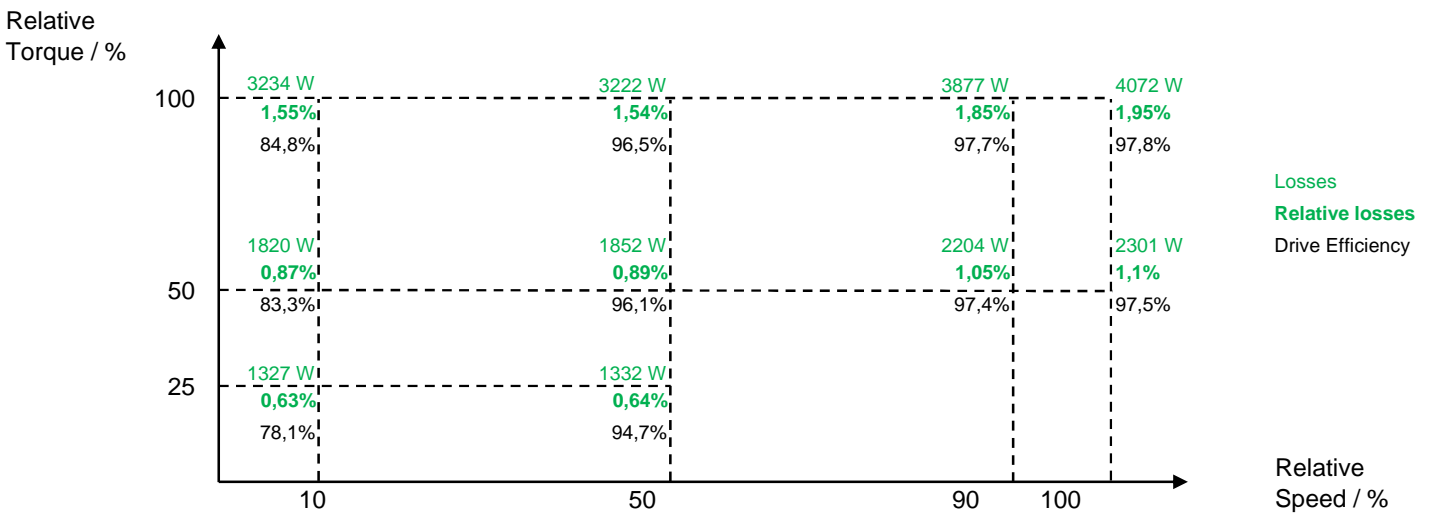
Reference : **ATV650C16N4F**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 160 kW / - HP
 Overload : Normal Duty
 Nominal current : 302 A
 Nominal apparent power : 209,2 kVA
 Nominal frequency : 50 Hz

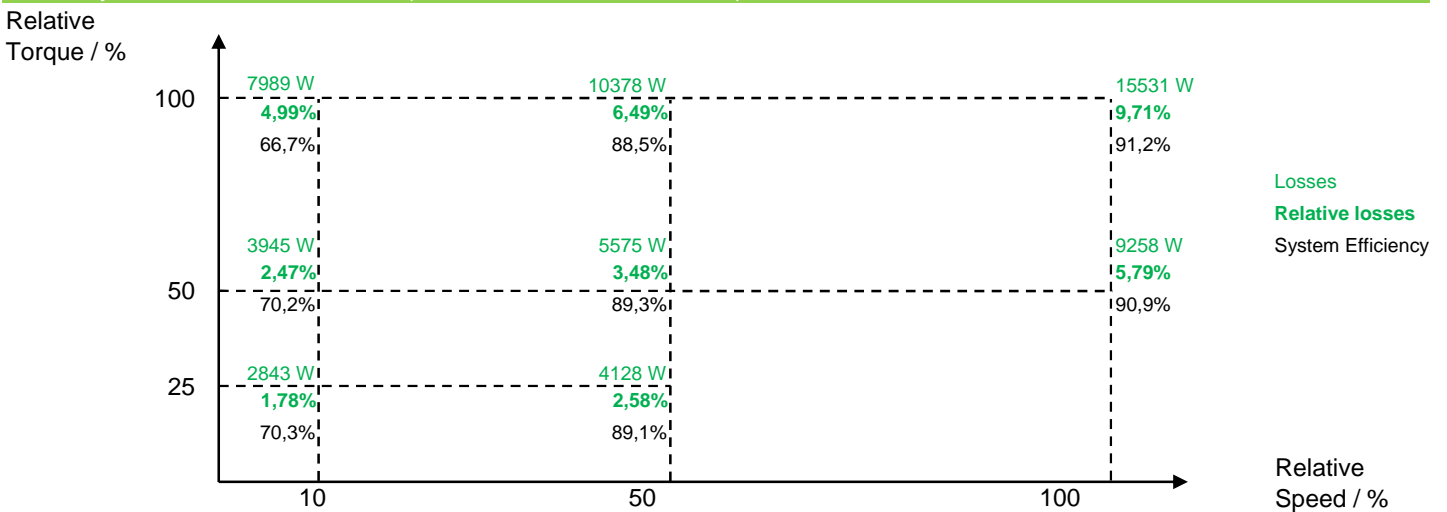


Efficiency data for the Drive

Standby losses : 74 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

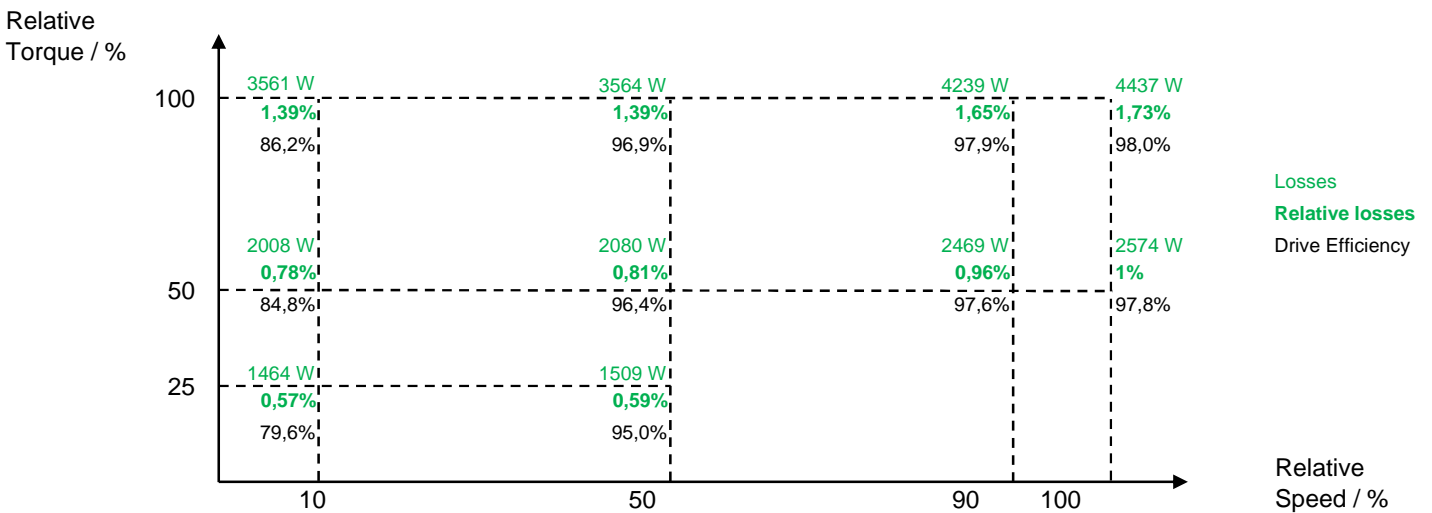
Reference : **ATV650C20N4F**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 200 kW / - HP
 Overload : Normal Duty
 Nominal current : 370 A
 Nominal apparent power : 256,3 kVA
 Nominal frequency : 50 Hz

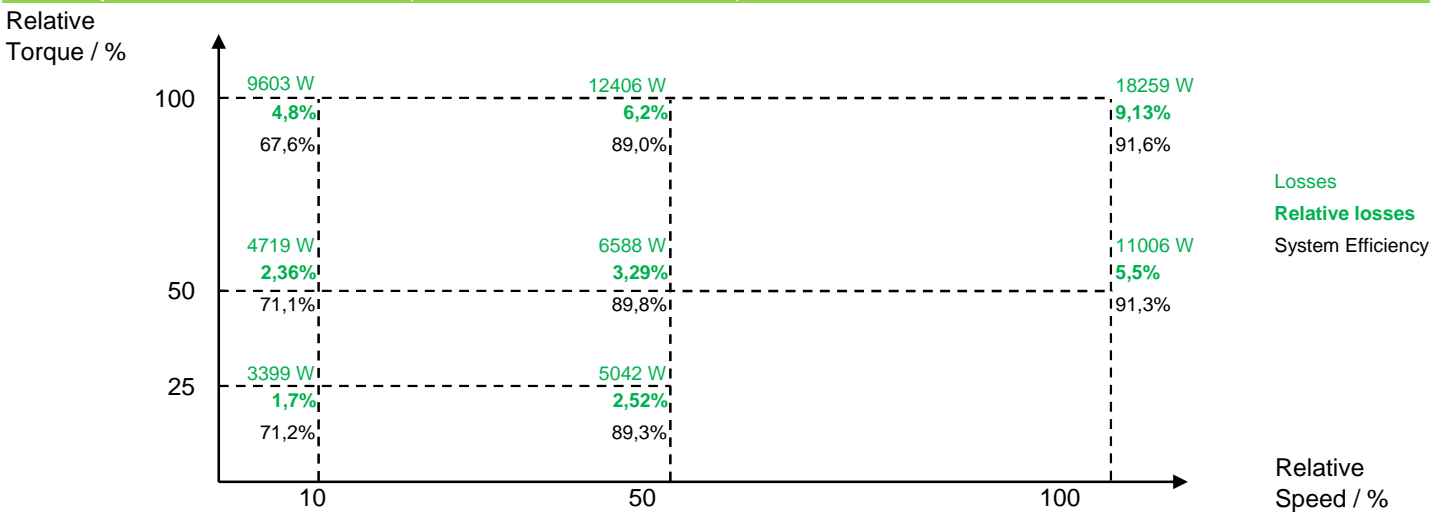


Efficiency data for the Drive

Standby losses : 142 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV650C25N4F**

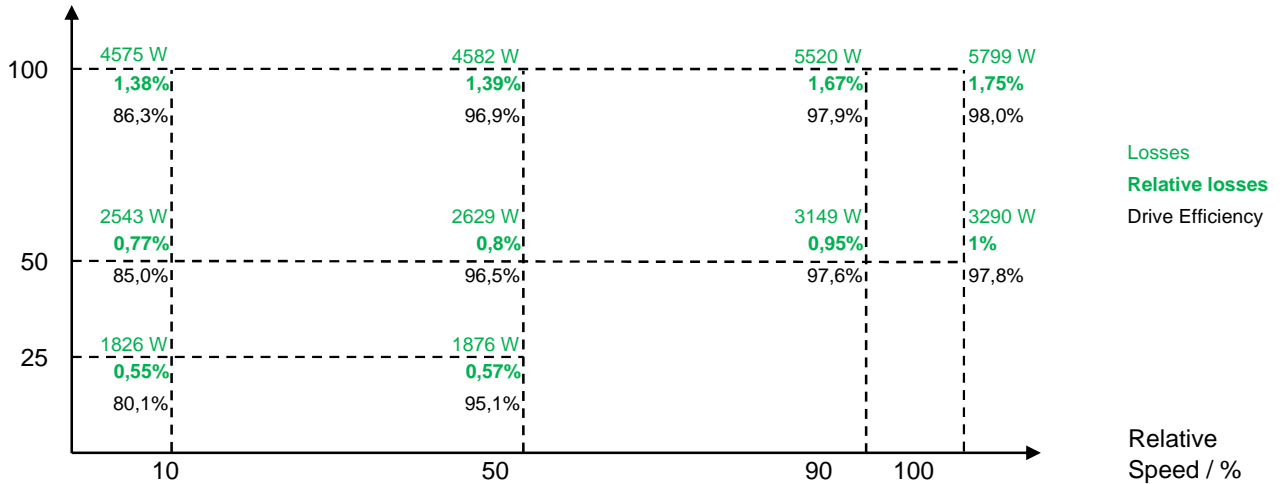


Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 250 kW / - HP
 Overload : Normal Duty
 Nominal current : 477 A
 Nominal apparent power : 330,5 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

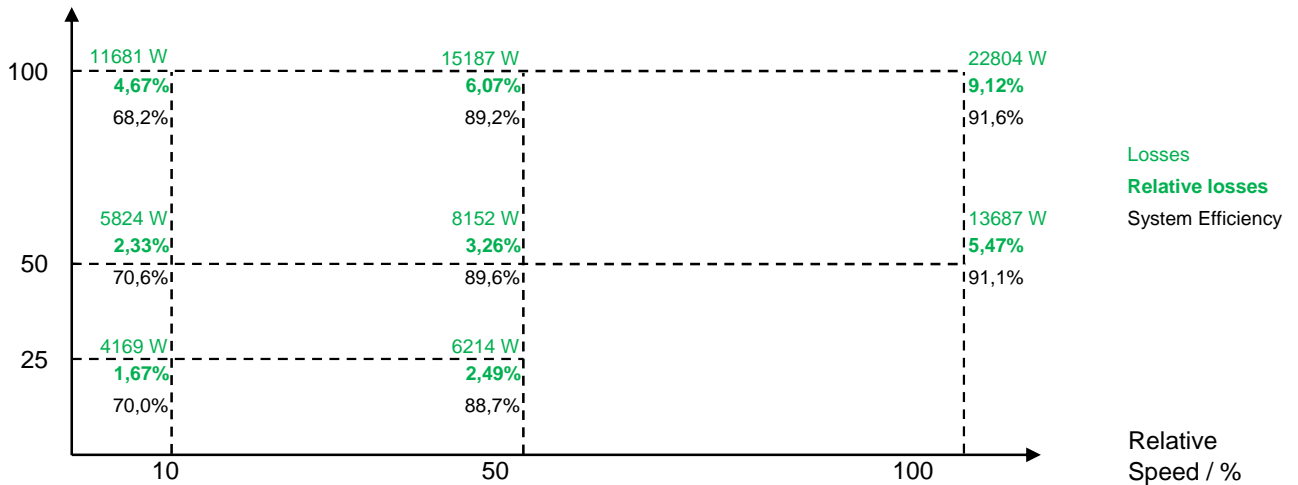
Standby losses : 142 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV650C31N4F**

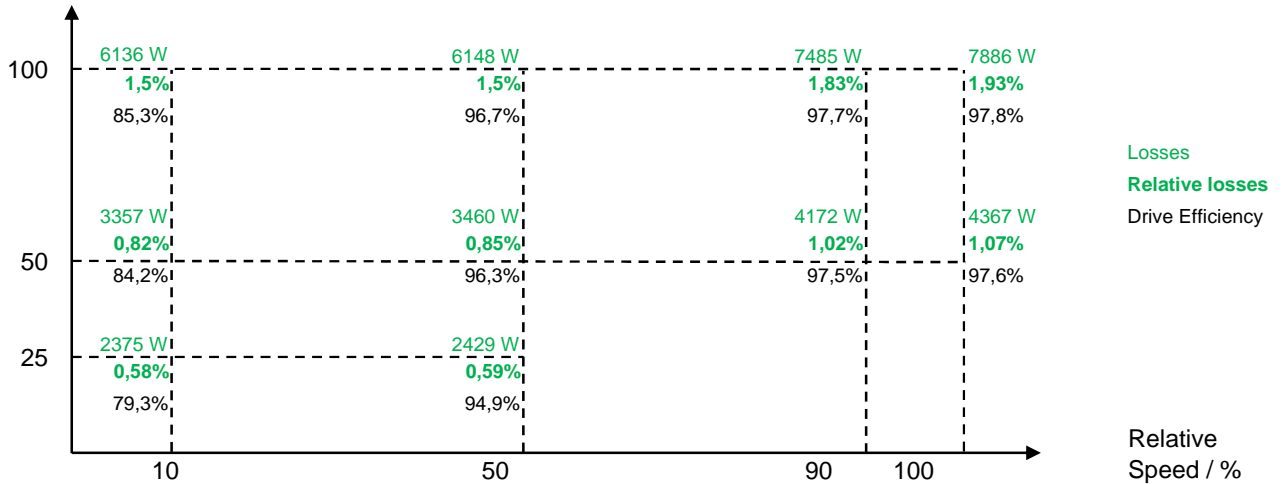
Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 315 kW / - HP
 Overload : Normal Duty
 Nominal current : 590 A
 Nominal apparent power : 408,8 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

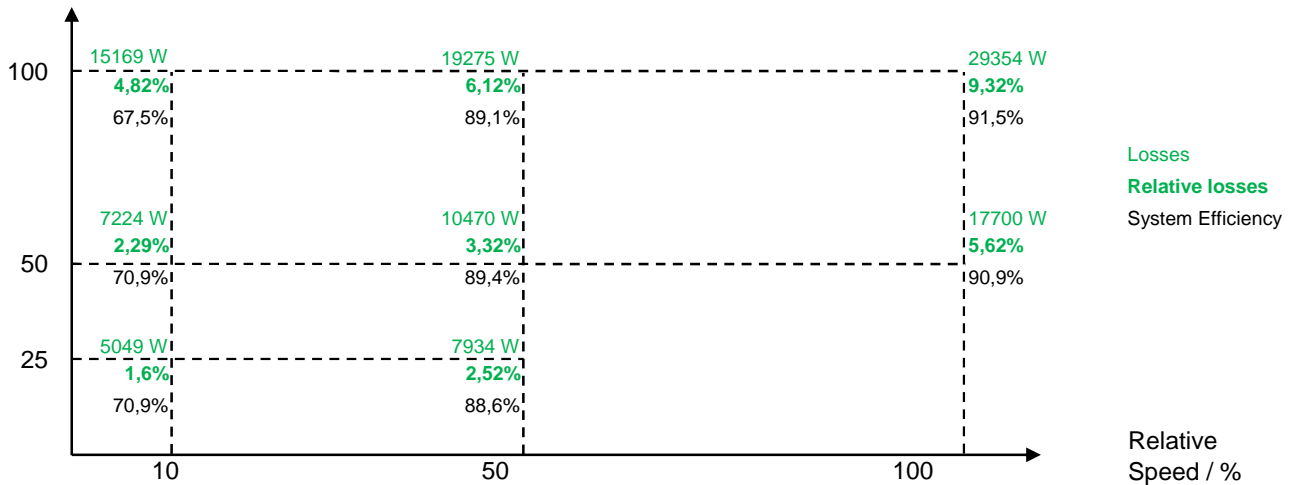
Standby losses : 142 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630U07N4**

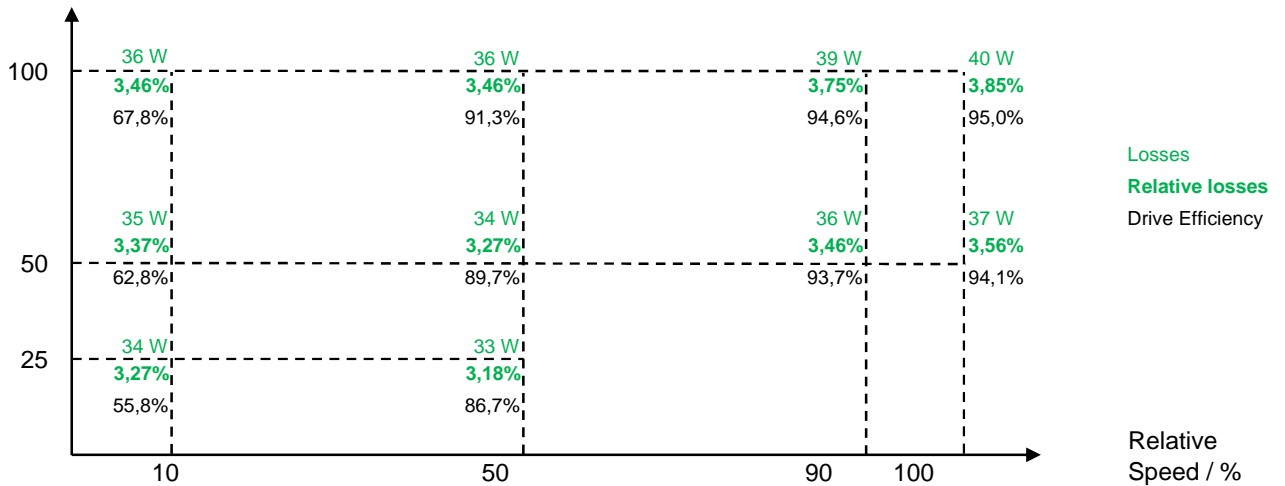


Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 0,37 kW / 0,5 HP
 Overload : Heavy Duty
 Nominal current : 1,5 A
 Nominal apparent power : 1 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

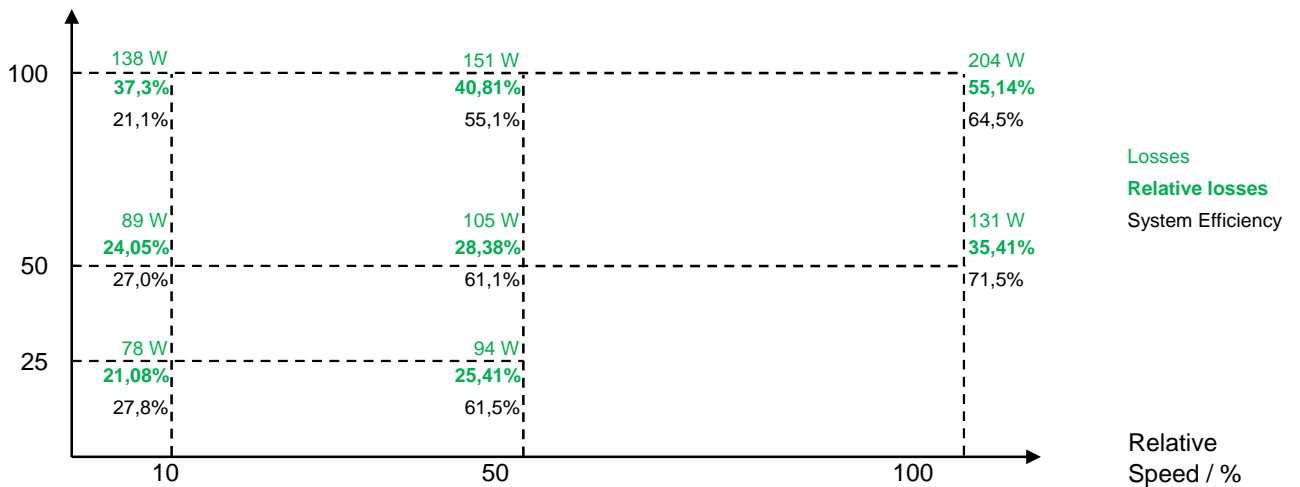
Standby losses : 14 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

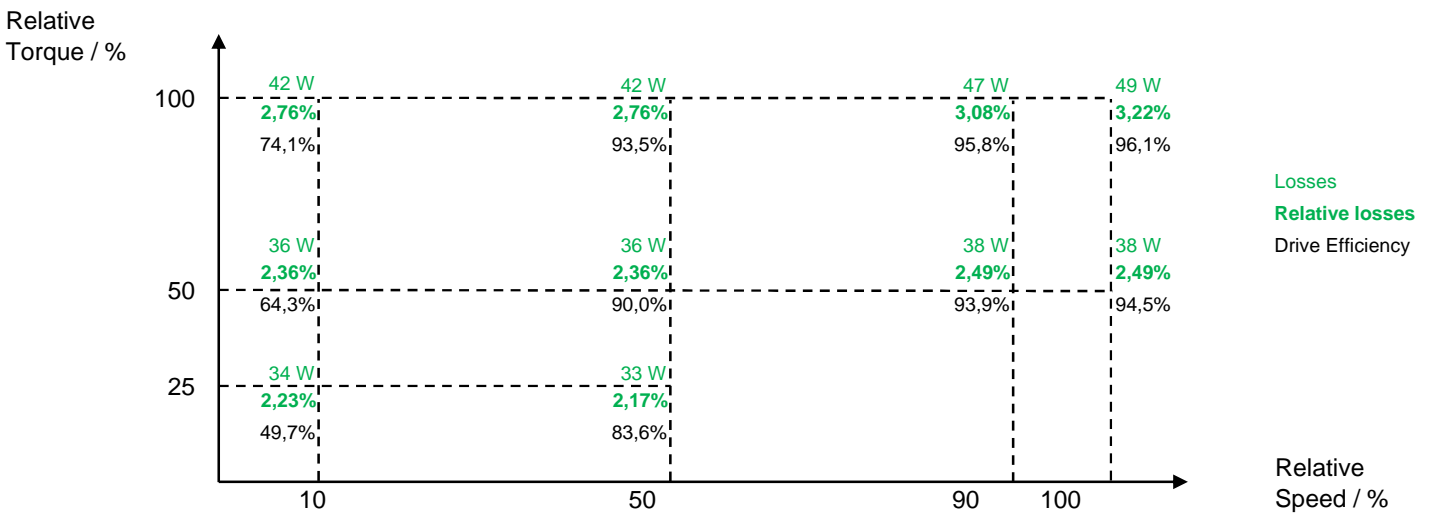
Reference : **ATV630U15N4**



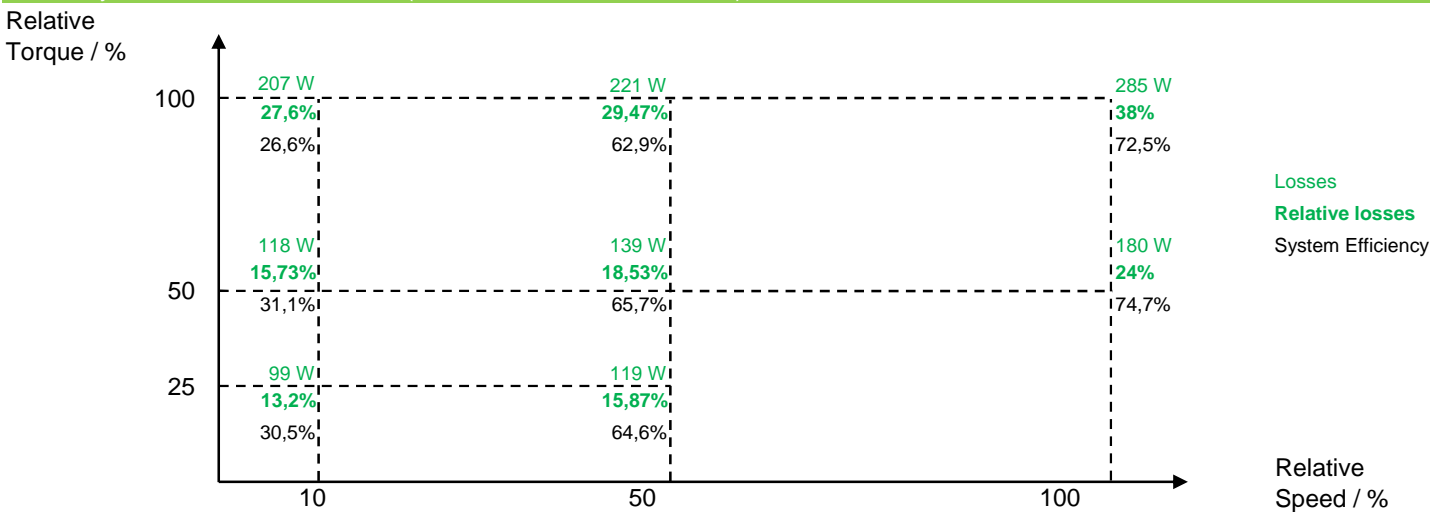
Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 0,75 kW / 1 HP
 Overload : Heavy Duty
 Nominal current : 2,2 A
 Nominal apparent power : 1,5 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

Standby losses : 14 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

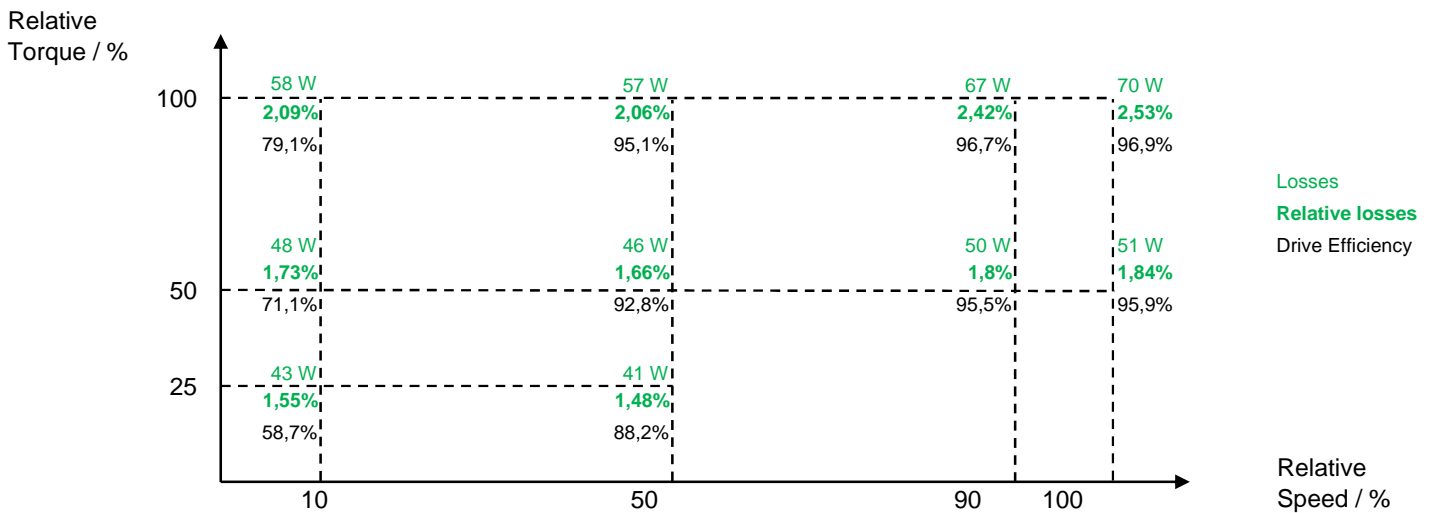
Reference : **ATV630U22N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 1,5 kW / 2 HP
 Overload : Heavy Duty
 Nominal current : 4 A
 Nominal apparent power : 2,8 kVA
 Nominal frequency : 50 Hz

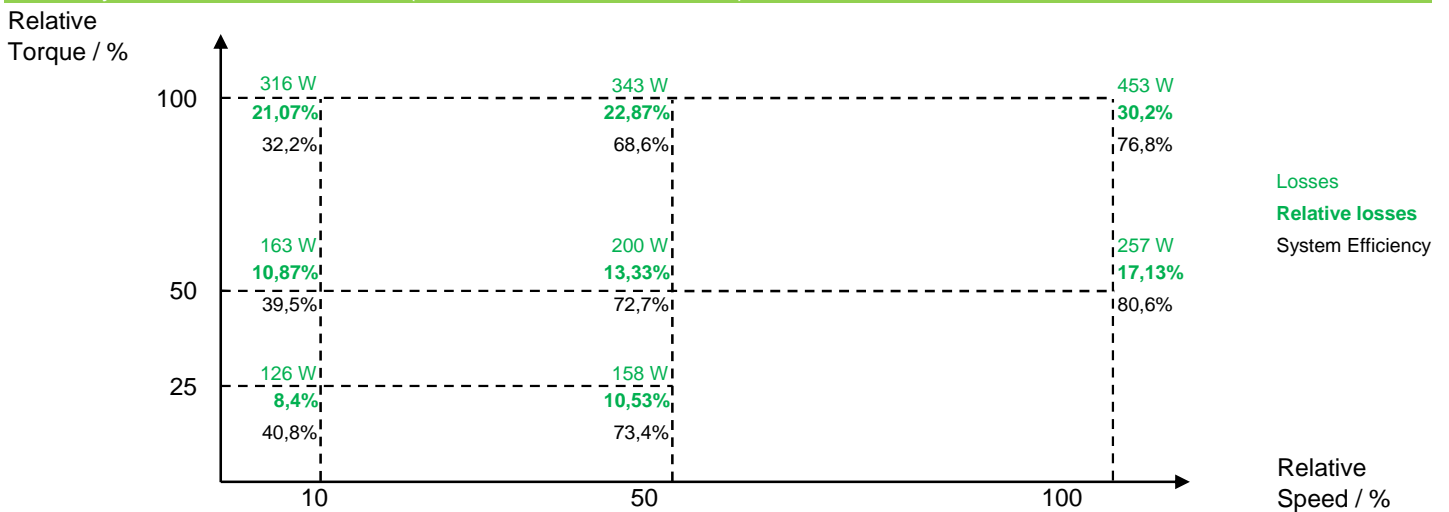


Efficiency data for the Drive

Standby losses : 14 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630U30N4**

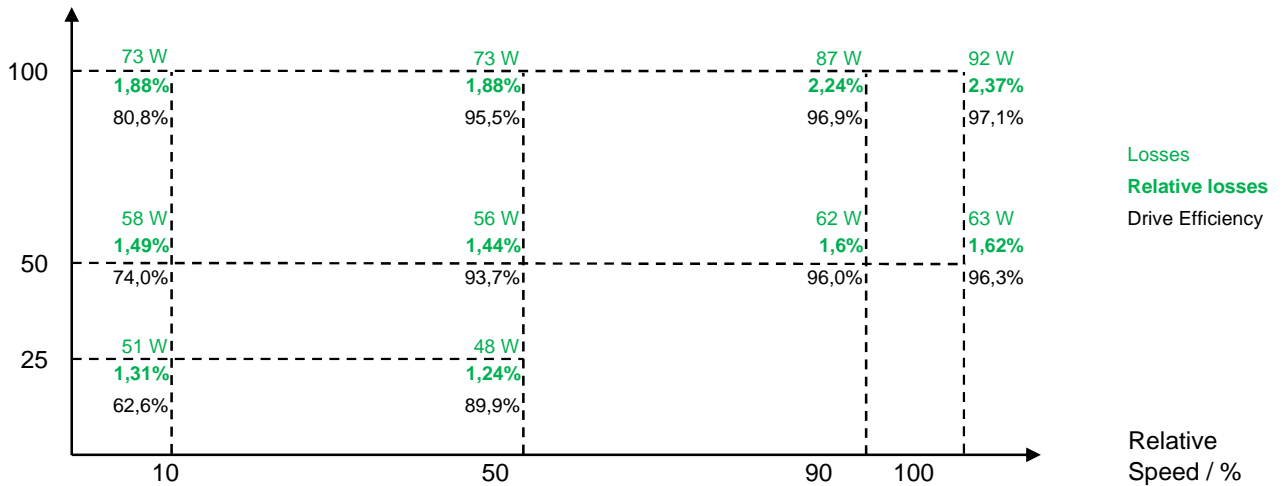
Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 2,2 kW / 3 HP
 Overload : Heavy Duty
 Nominal current : 5,6 A
 Nominal apparent power : 3,9 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

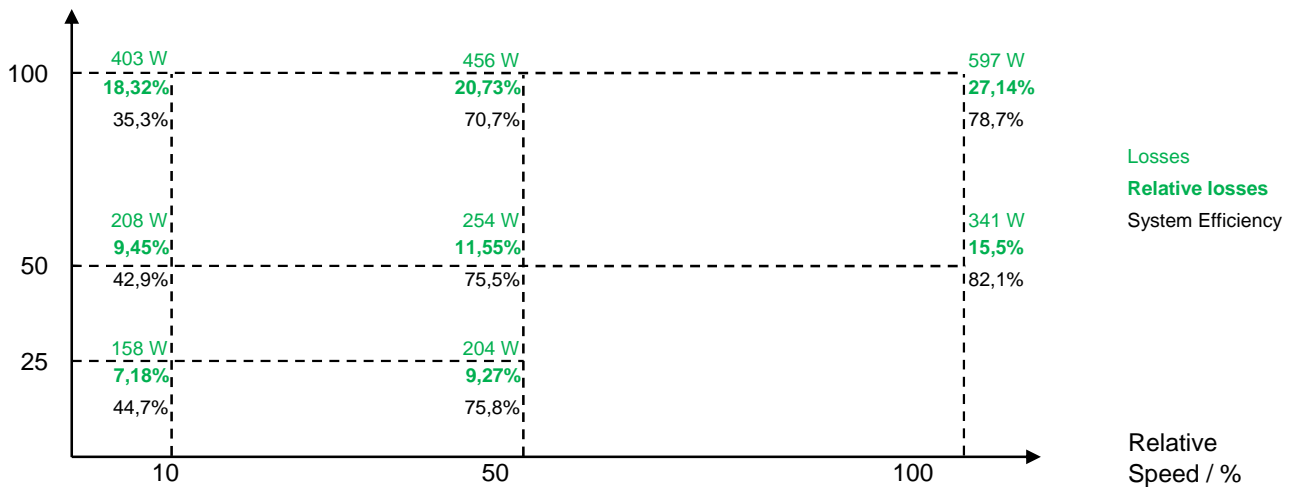
Standby losses : 14 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

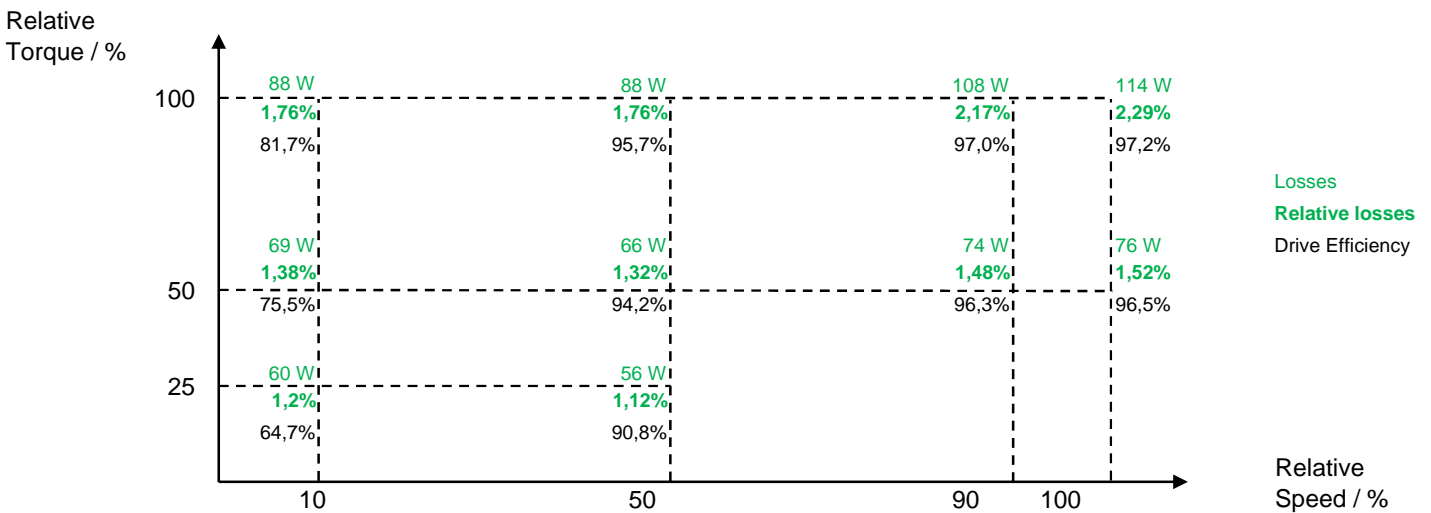
Reference : **ATV630U40N4**

Series : **Altivar Process ATV600**
 Nominal voltage : **3x 400 VAC**
 Nominal power : **3 kW / - HP**
 Overload : **Heavy Duty**
 Nominal current : **7,2 A**
 Nominal apparent power : **5 kVA**
 Nominal frequency : **50 Hz**

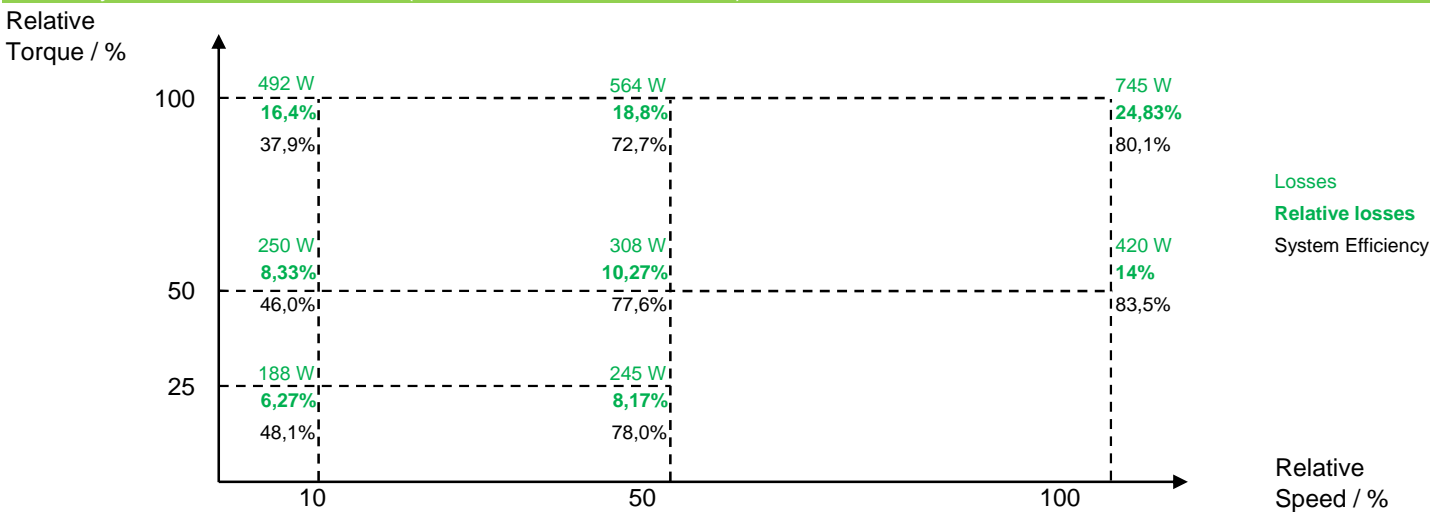


Efficiency data for the Drive

Standby losses : **14 W**



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

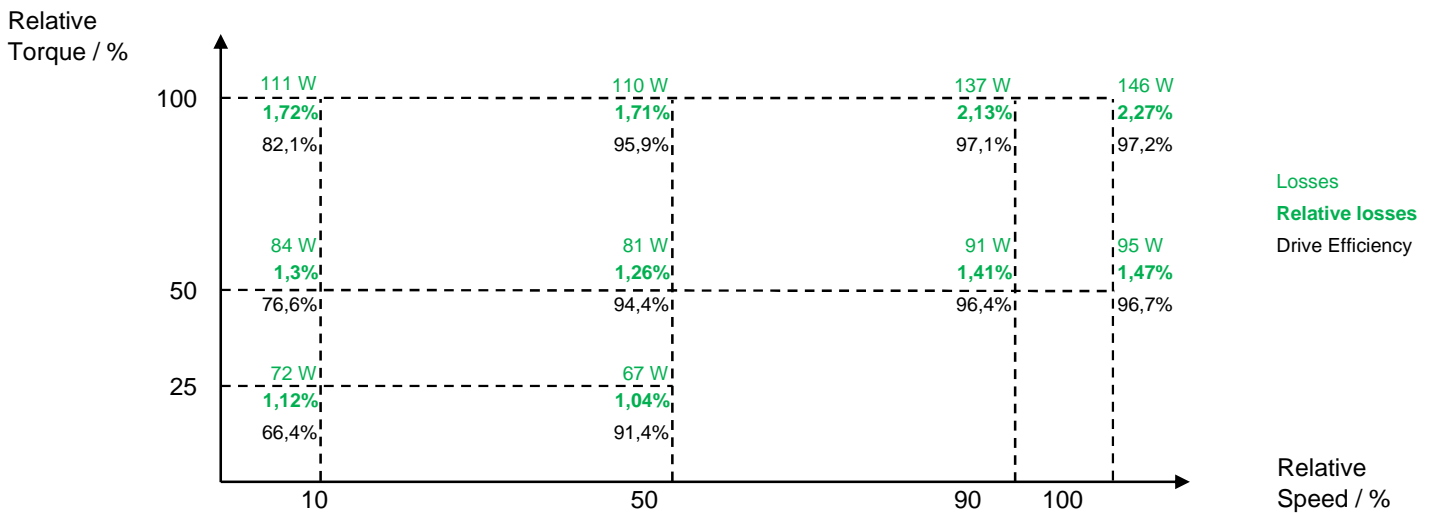
Reference : **ATV630U55N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 4 kW / 5 HP
 Overload : Heavy Duty
 Nominal current : 9,3 A
 Nominal apparent power : 6,4 kVA
 Nominal frequency : 50 Hz

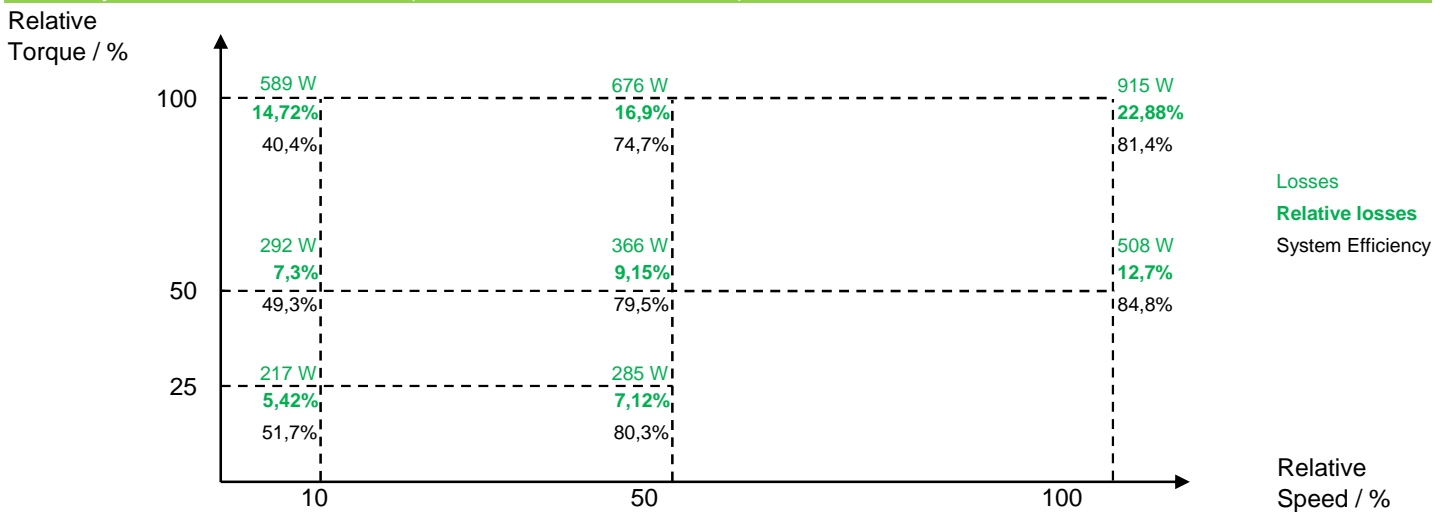


Efficiency data for the Drive

Standby losses : 14 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

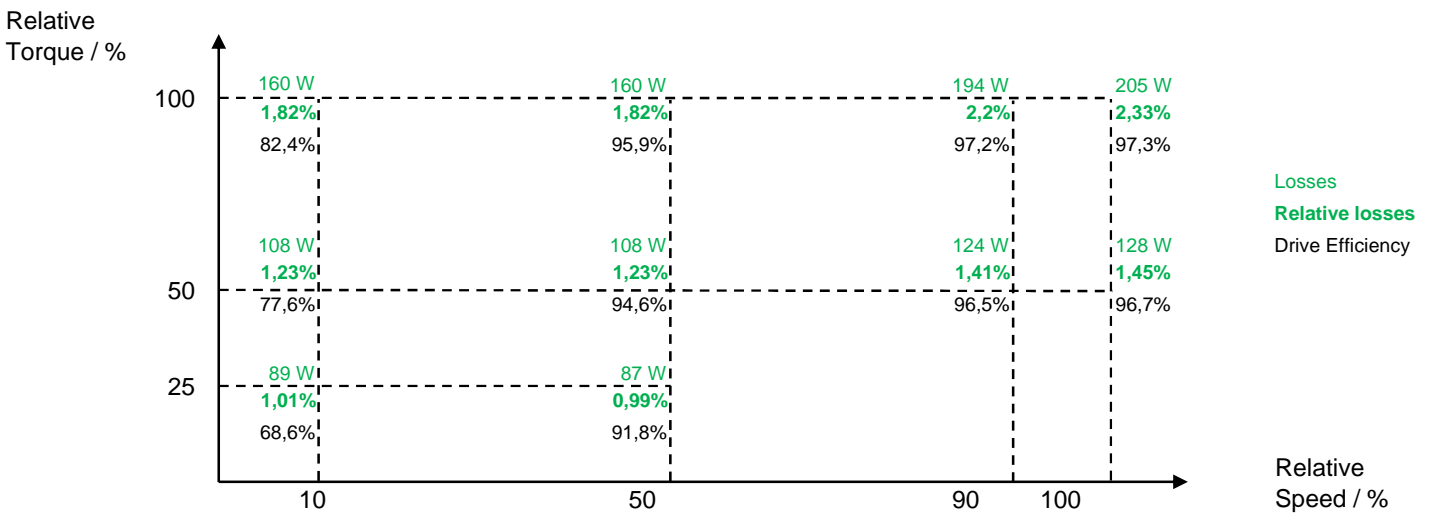
Reference : **ATV630U75N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 5,5 kW / 7,5 HP
 Overload : Heavy Duty
 Nominal current : 12,7 A
 Nominal apparent power : 8,8 kVA
 Nominal frequency : 50 Hz

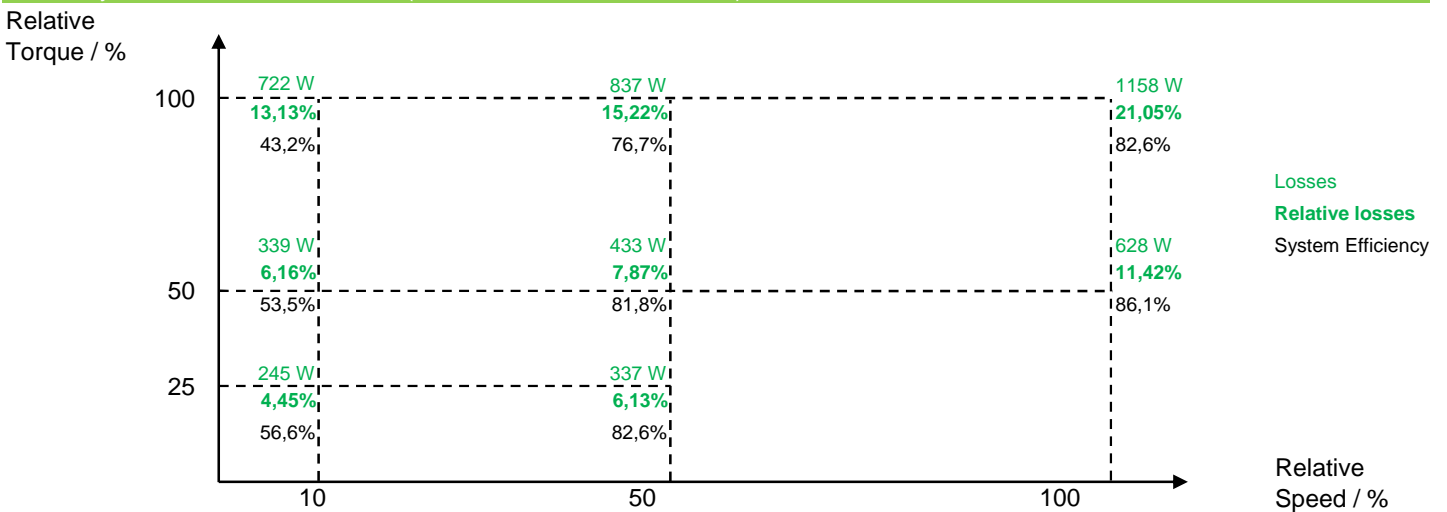


Efficiency data for the Drive

Standby losses : 17 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

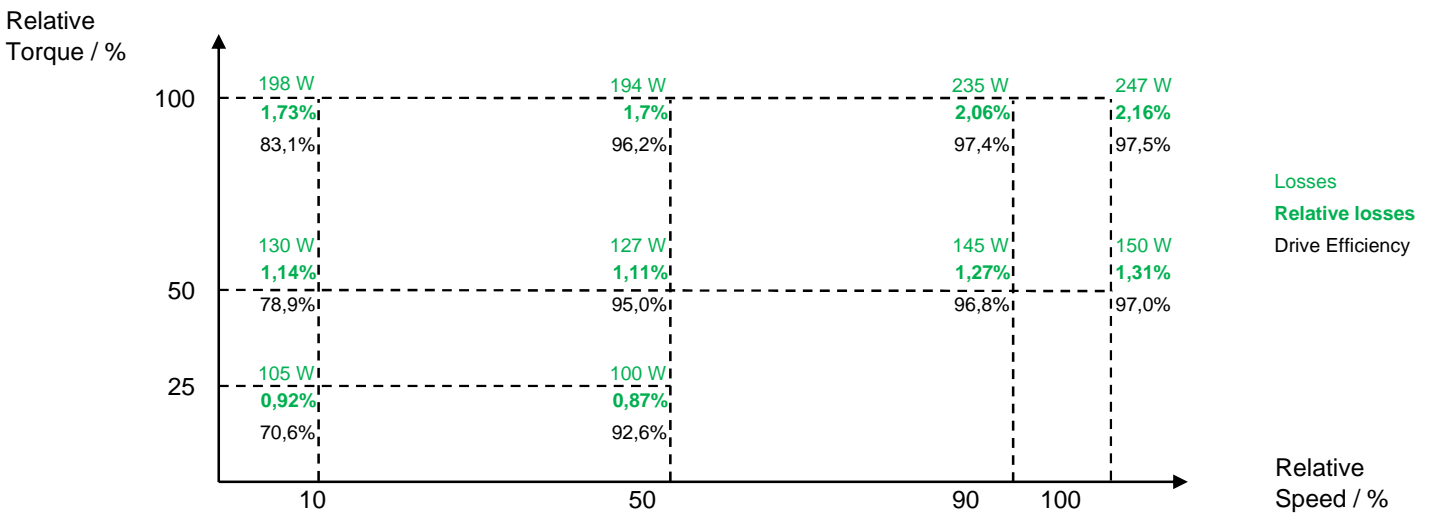
Reference : **ATV630D11N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 7,5 kW / 10 HP
 Overload : Heavy Duty
 Nominal current : 16,5 A
 Nominal apparent power : 11,4 kVA
 Nominal frequency : 50 Hz

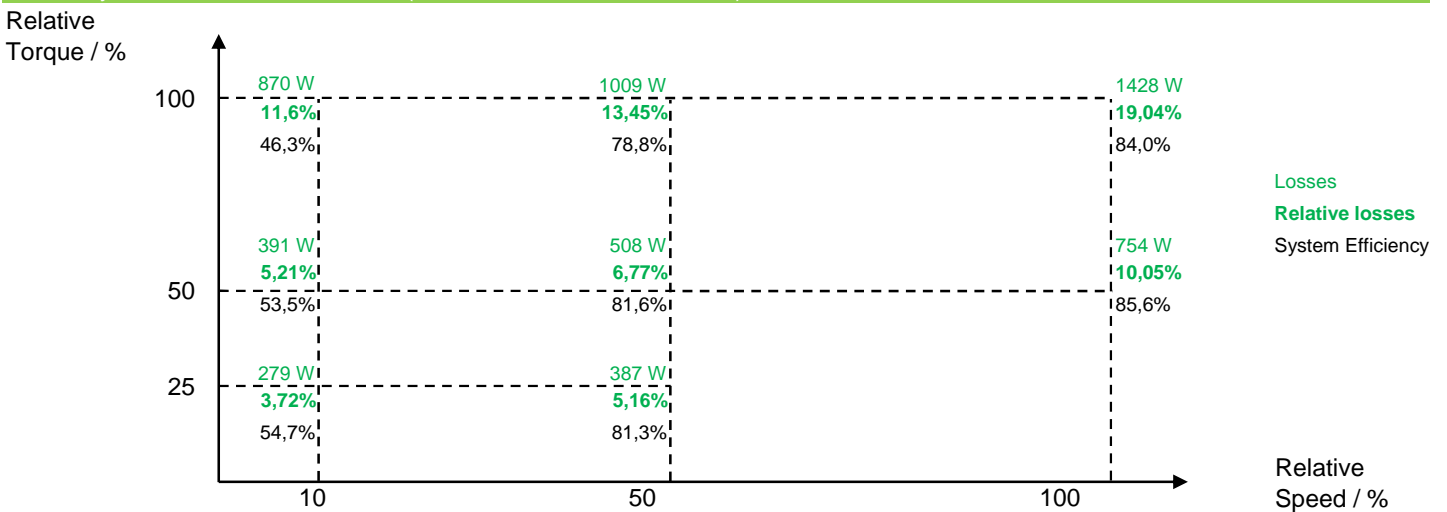


Efficiency data for the Drive

Standby losses : 17 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

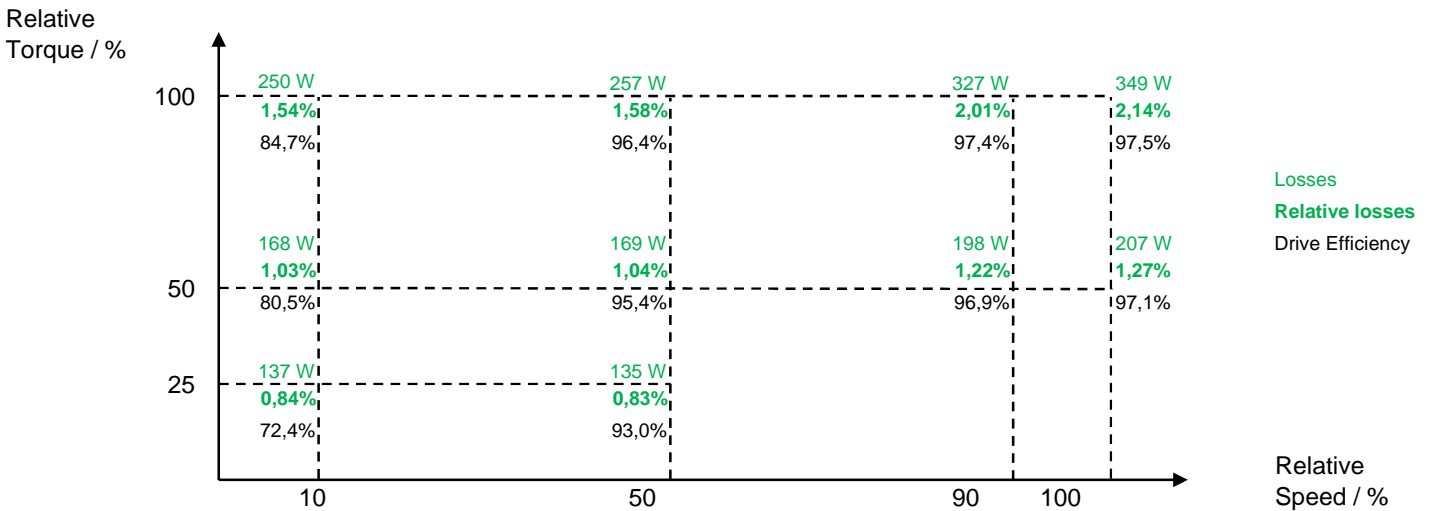
Reference : **ATV630D15N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 11 kW / 15 HP
 Overload : Heavy Duty
 Nominal current : 23,5 A
 Nominal apparent power : 16,3 kVA
 Nominal frequency : 50 Hz

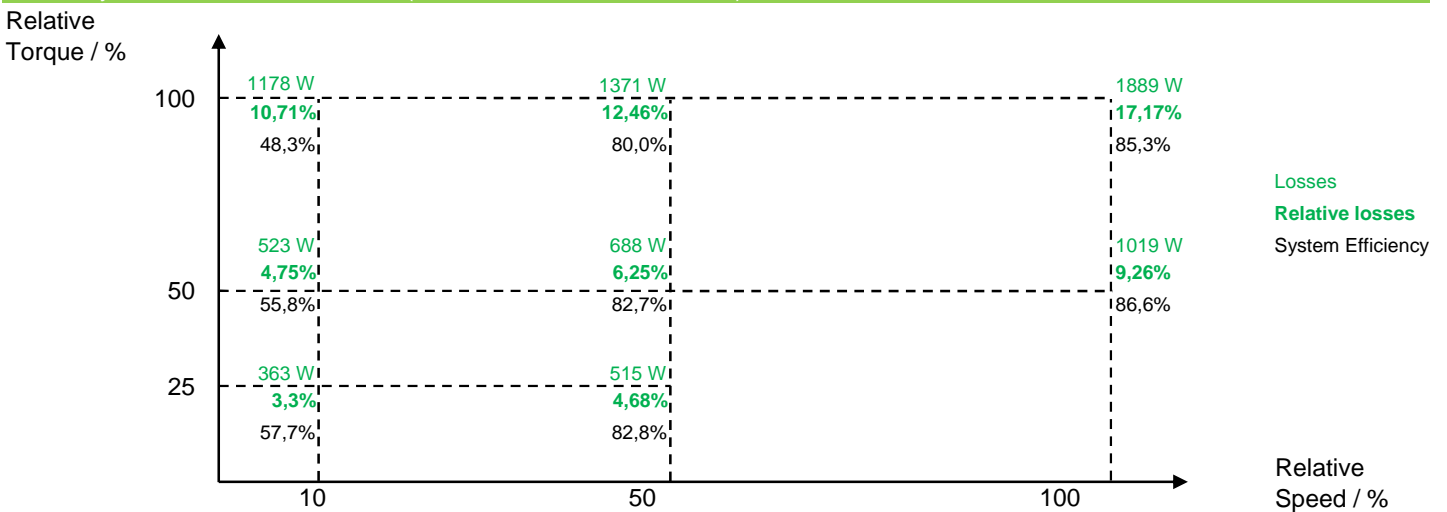


Efficiency data for the Drive

Standby losses : 23 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

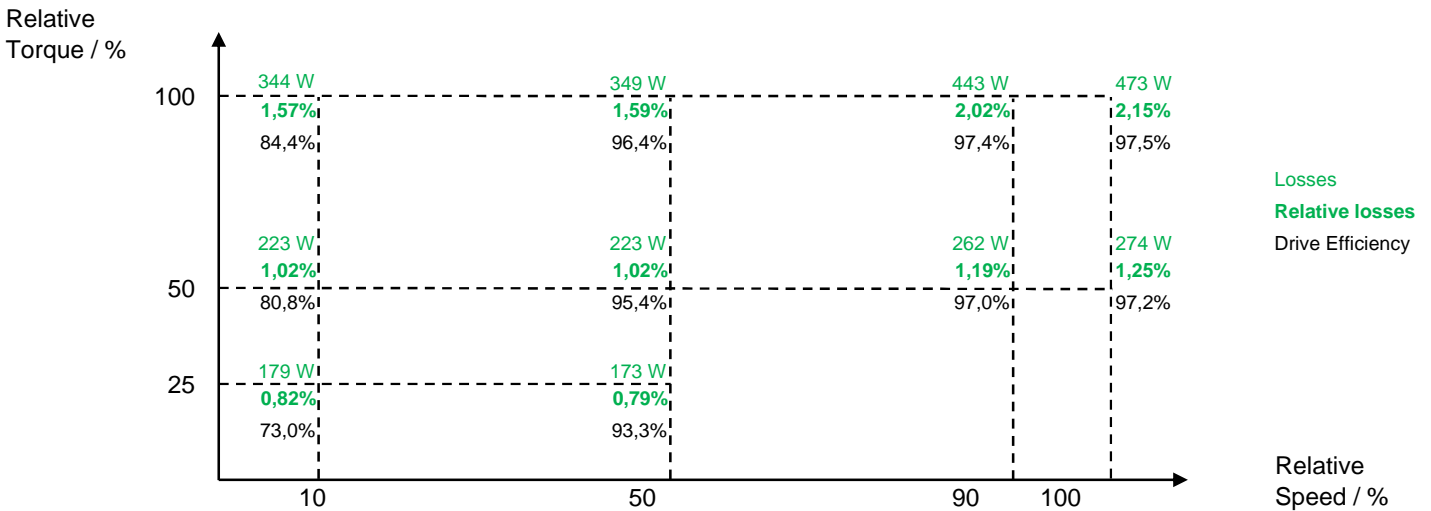
Reference : **ATV630D18N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 15 kW / 20 HP
 Overload : Heavy Duty
 Nominal current : 31,7 A
 Nominal apparent power : 22 kVA
 Nominal frequency : 50 Hz

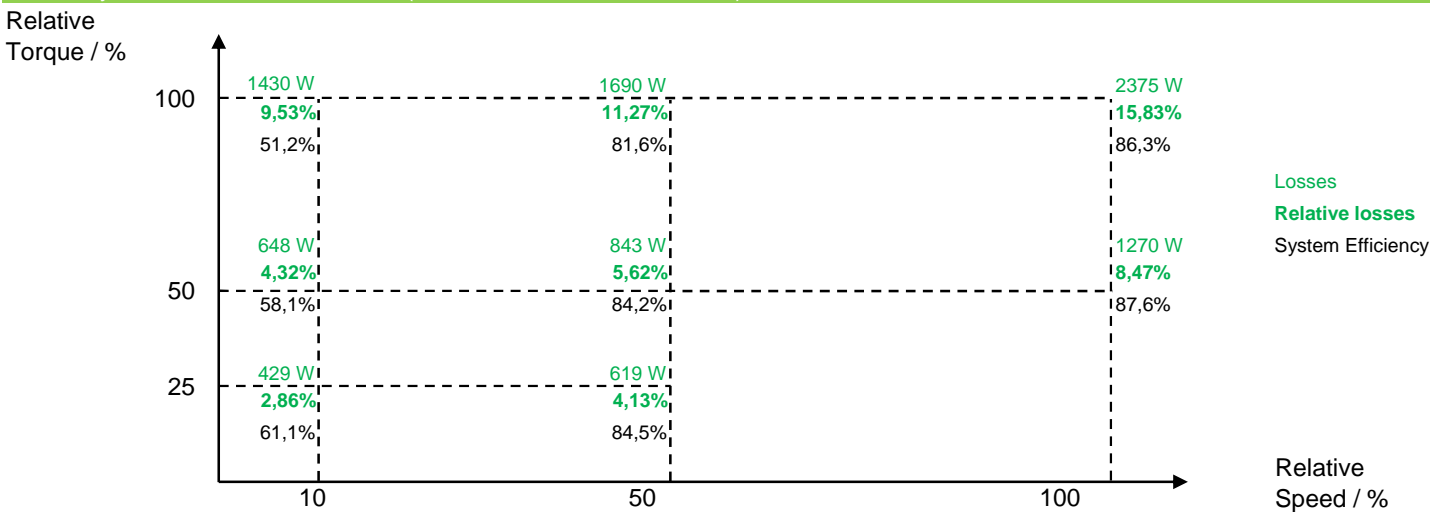


Efficiency data for the Drive

Standby losses : 23 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

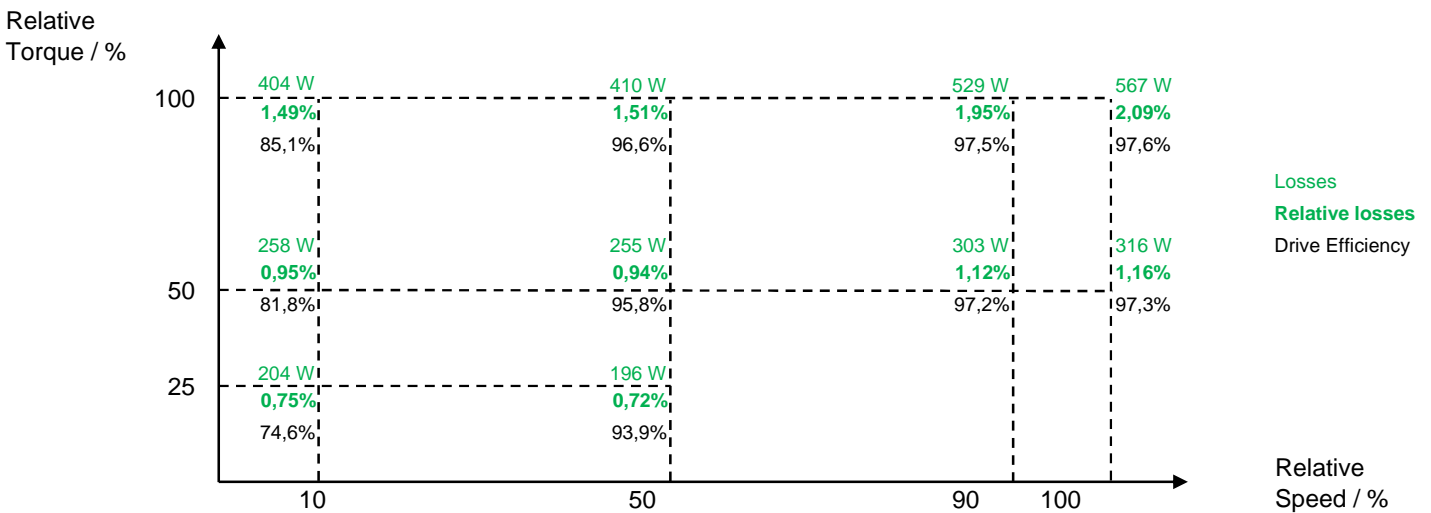
Reference : **ATV630D22N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 18,5 kW / 25 HP
 Overload : Heavy Duty
 Nominal current : 39,2 A
 Nominal apparent power : 27,2 kVA
 Nominal frequency : 50 Hz

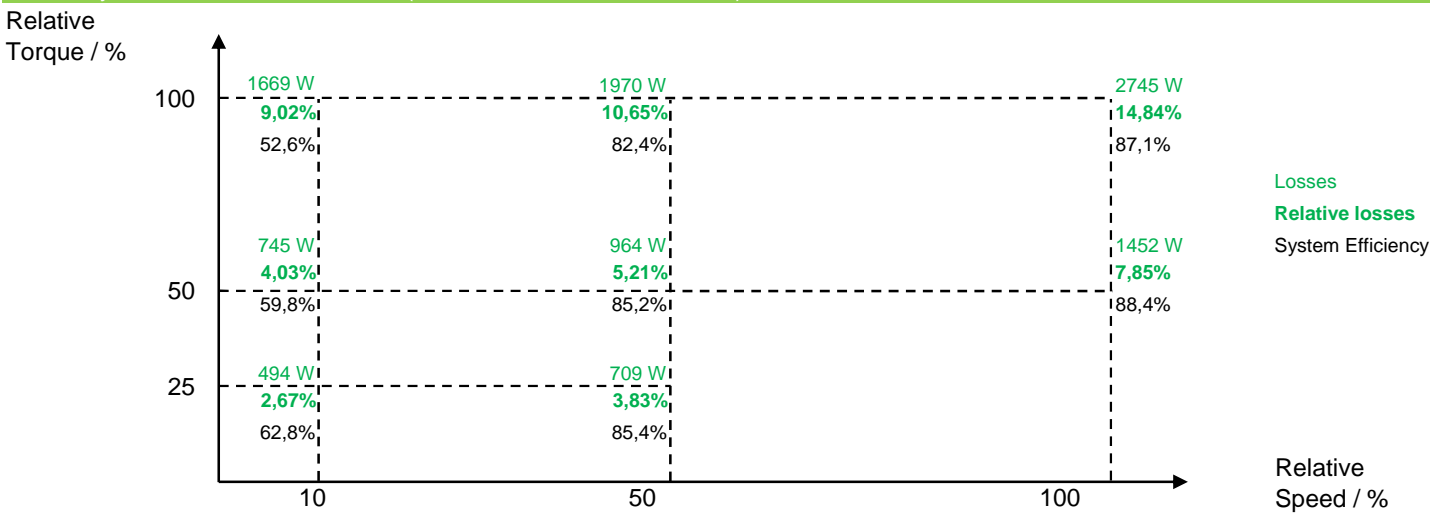


Efficiency data for the Drive

Standby losses : 23 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

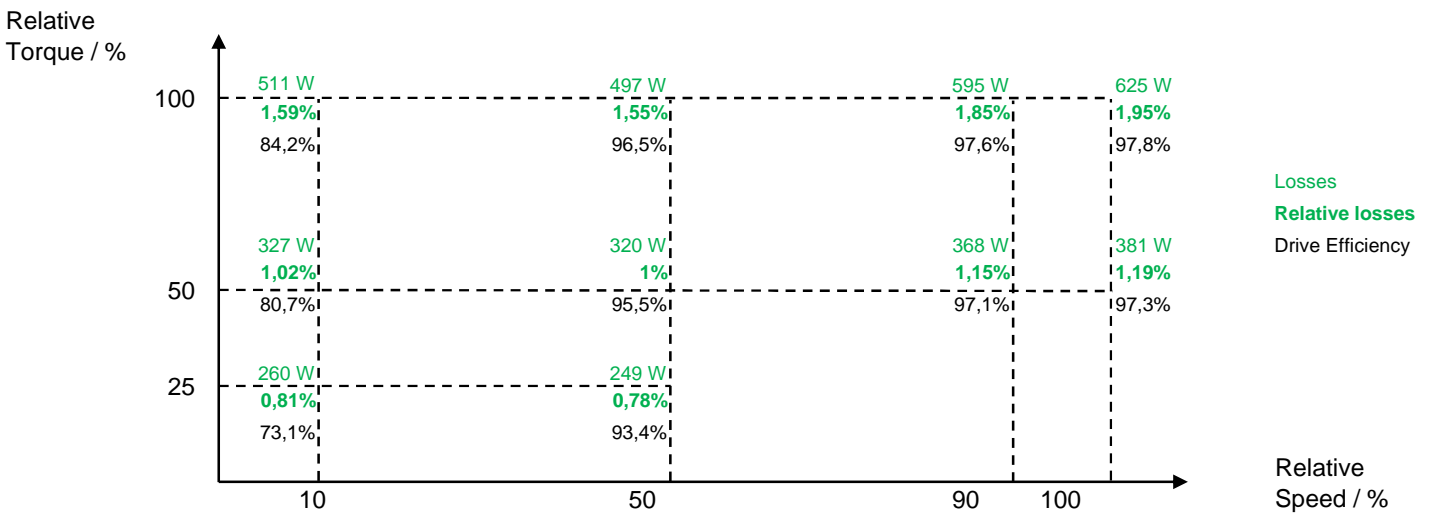
Reference : **ATV630D30N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 22 kW / 30 HP
 Overload : Heavy Duty
 Nominal current : 46,3 A
 Nominal apparent power : 32,1 kVA
 Nominal frequency : 50 Hz

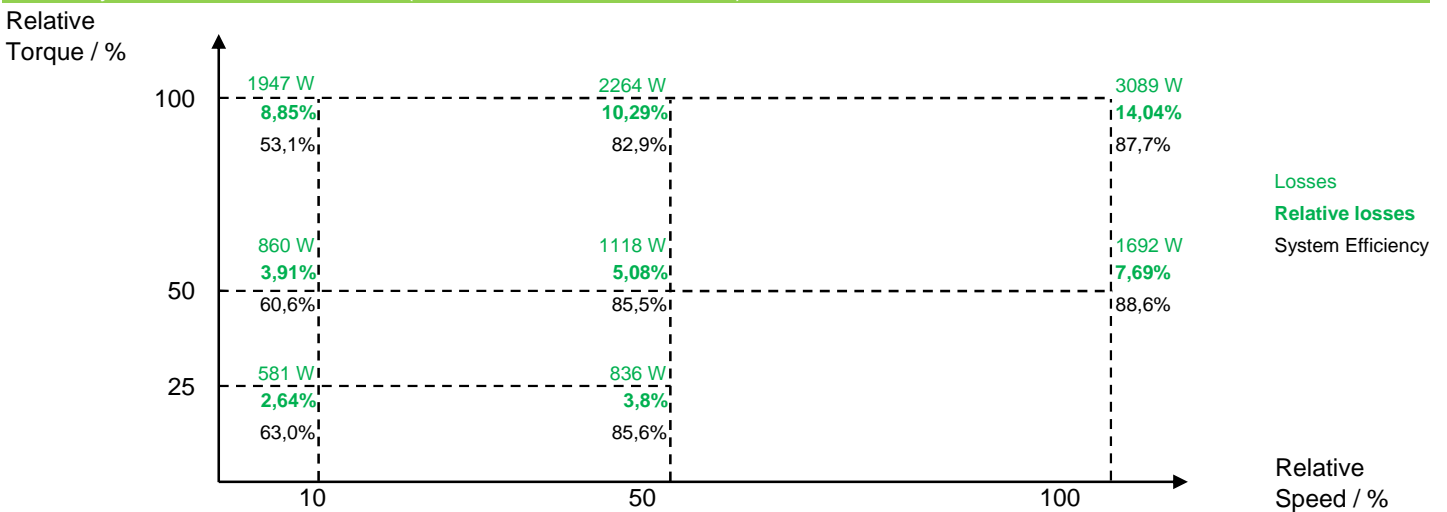


Efficiency data for the Drive

Standby losses : 31 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630D37N4**

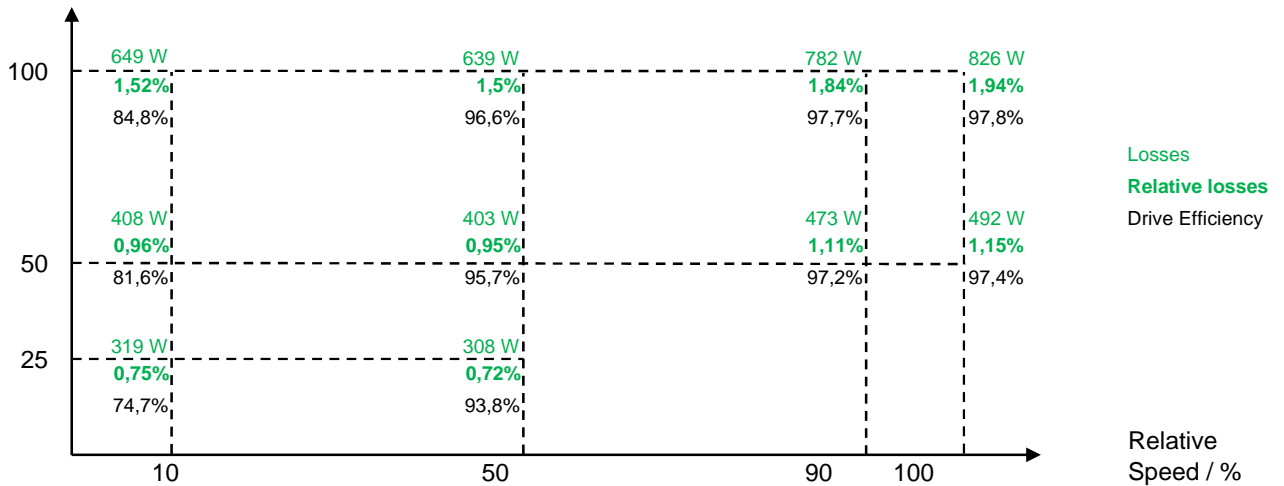
Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 30 kW / 40 HP
 Overload : Heavy Duty
 Nominal current : 61,5 A
 Nominal apparent power : 42,6 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

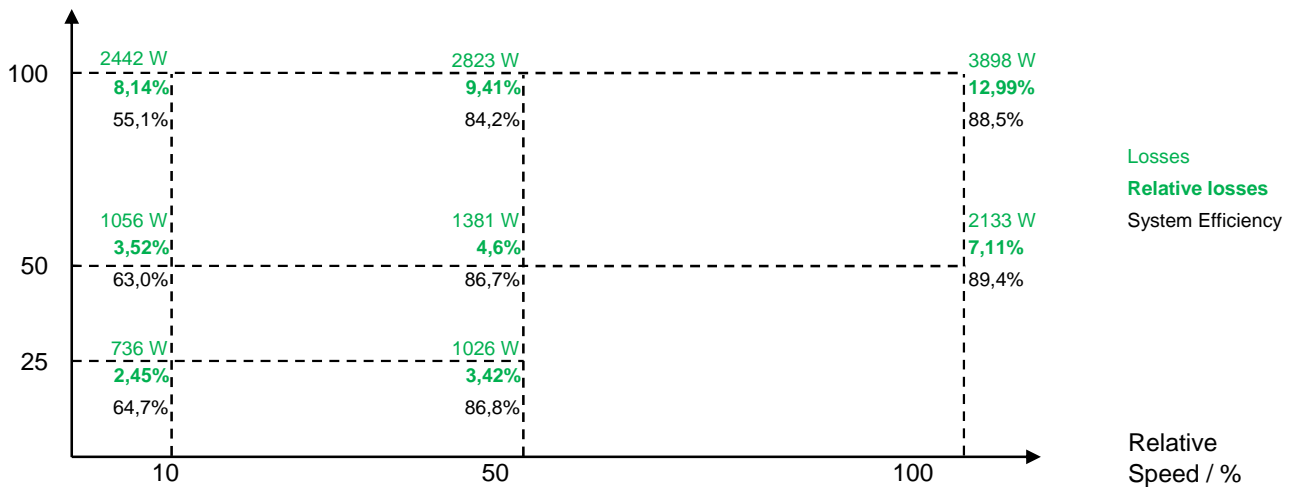
Standby losses : 31 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630D45N4**

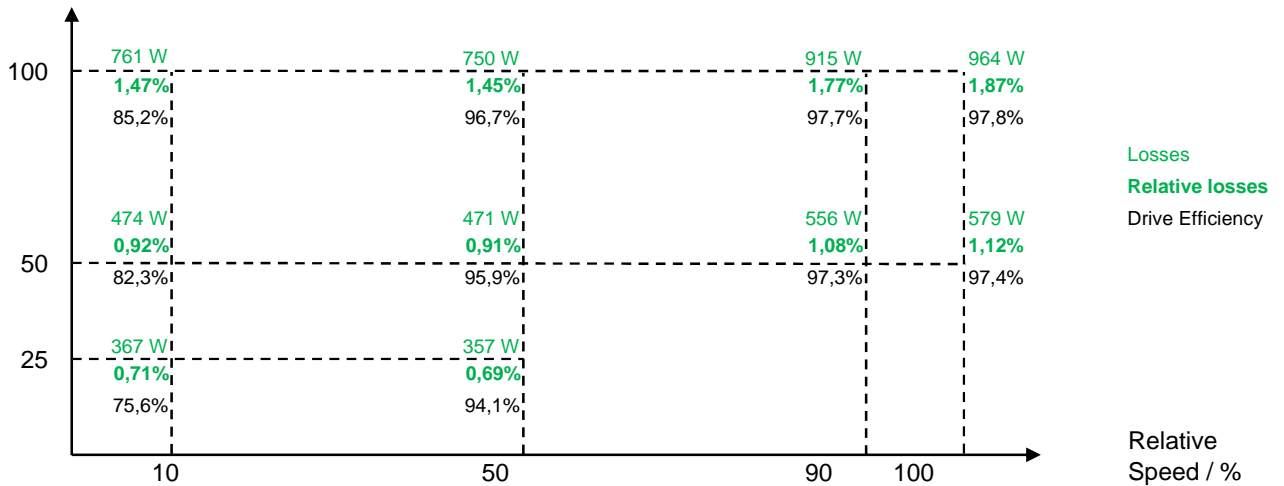


Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 37 kW / 50 HP
 Overload : Heavy Duty
 Nominal current : 74,5 A
 Nominal apparent power : 51,6 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

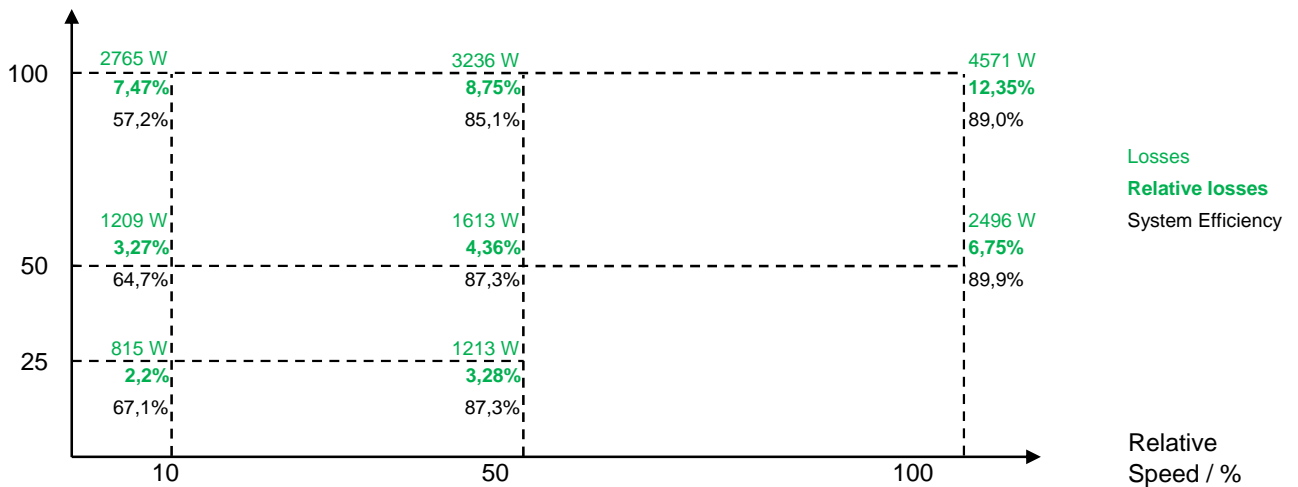
Standby losses : 31 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630D55N4**

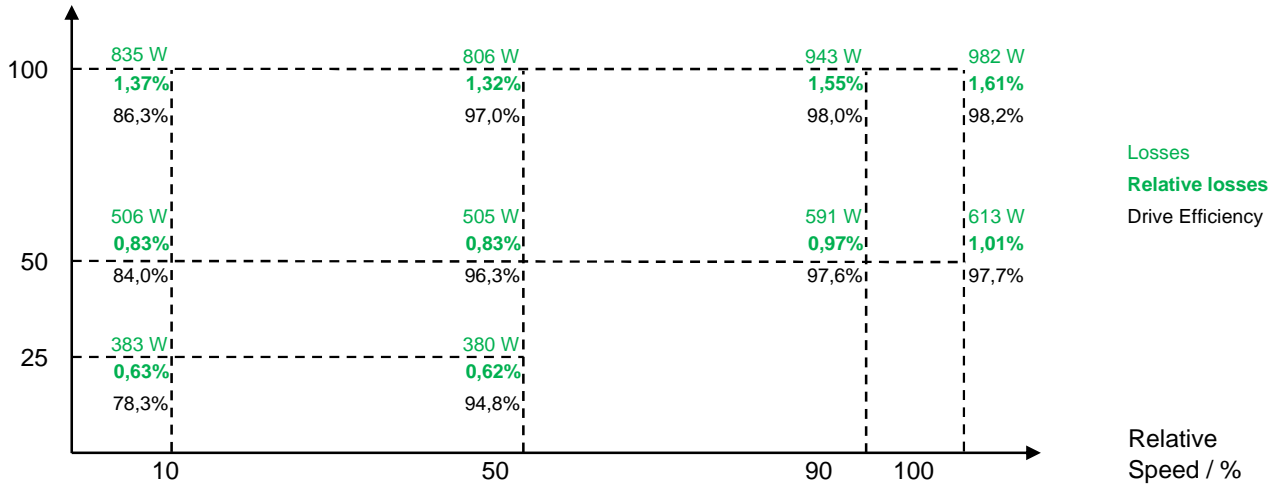
Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 45 kW / 60 HP
 Overload : Heavy Duty
 Nominal current : 88 A
 Nominal apparent power : 61 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

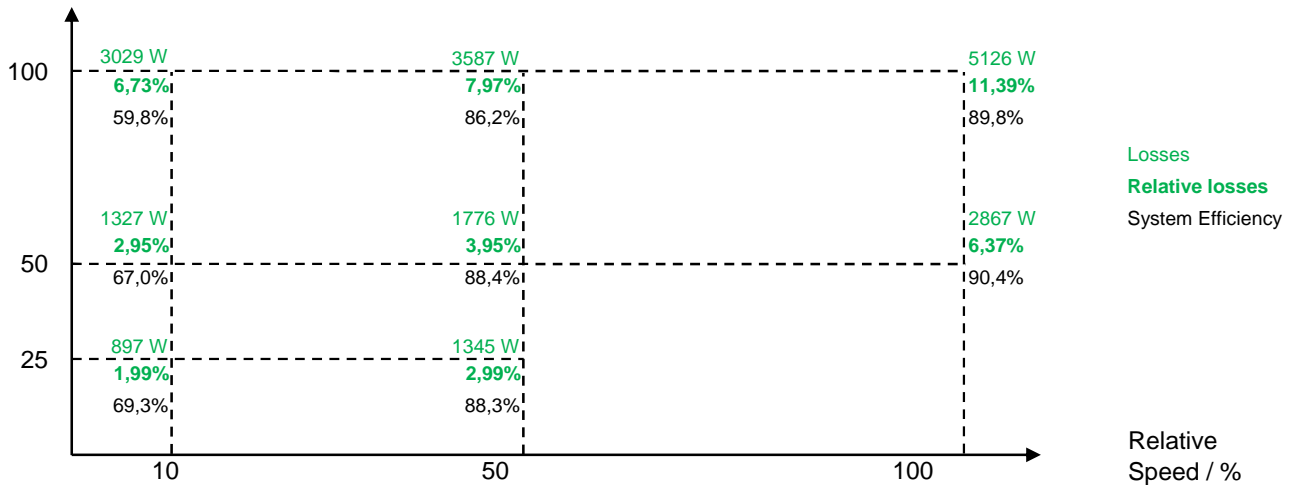
Standby losses : 32 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630D75N4**

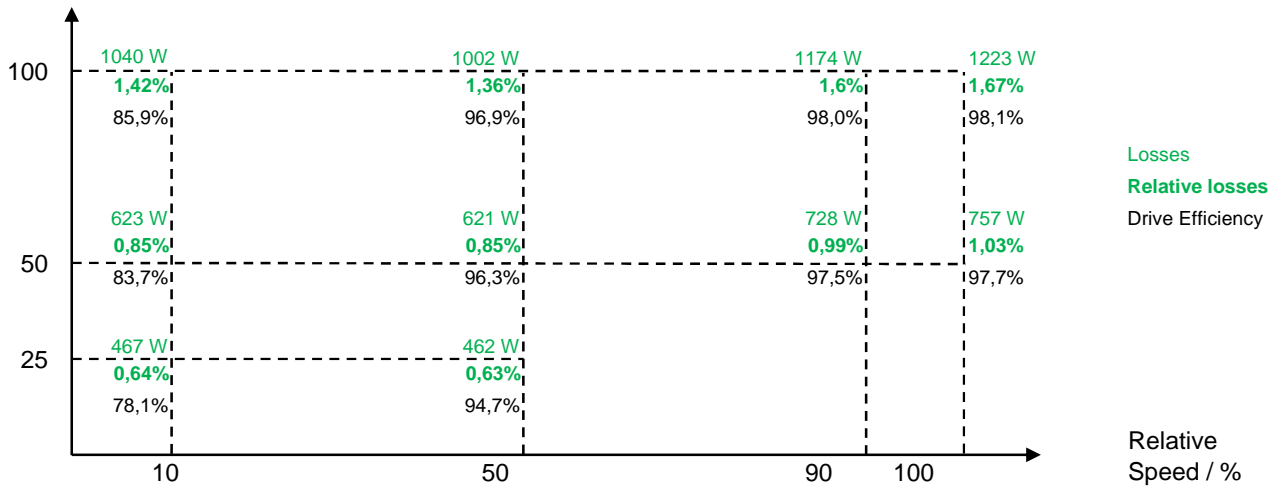
Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 55 kW / 75 HP
 Overload : Heavy Duty
 Nominal current : 106 A
 Nominal apparent power : 73,4 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

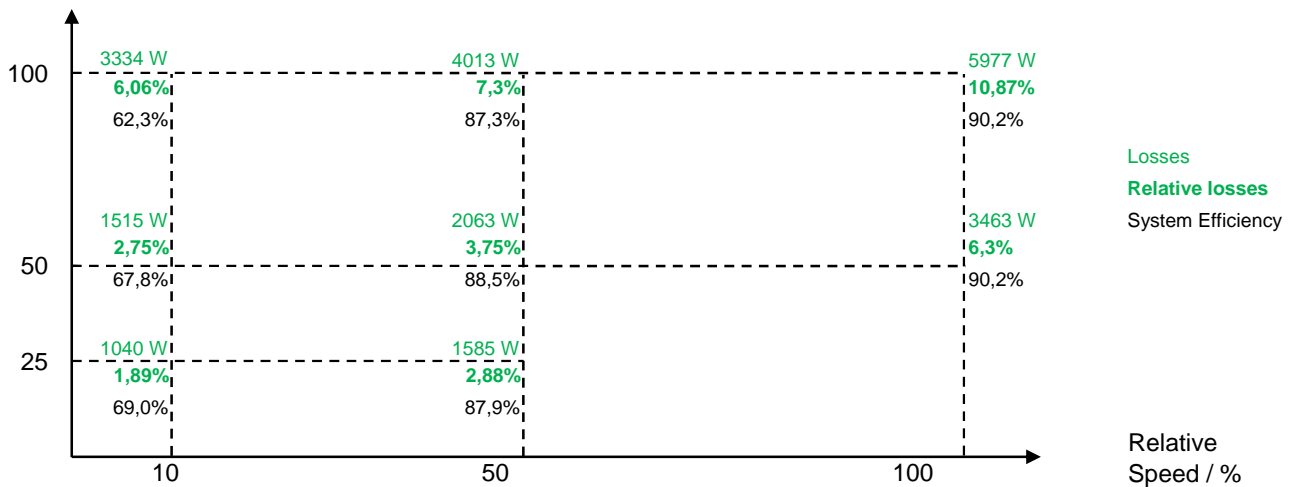
Standby losses : 32 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630D90N4**

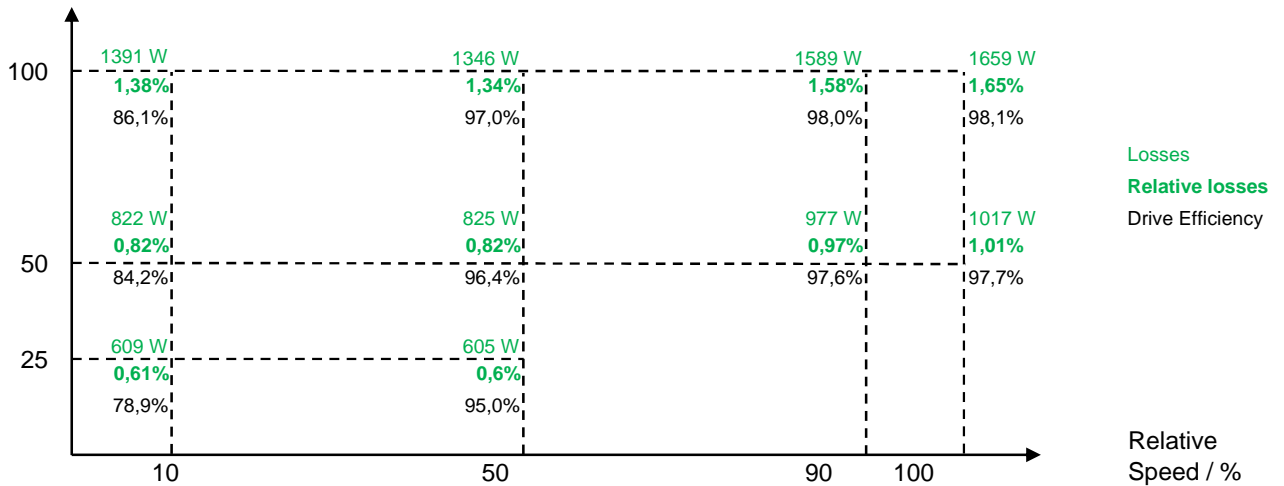
Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 75 kW / 100 HP
 Overload : Heavy Duty
 Nominal current : 145 A
 Nominal apparent power : 100,5 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

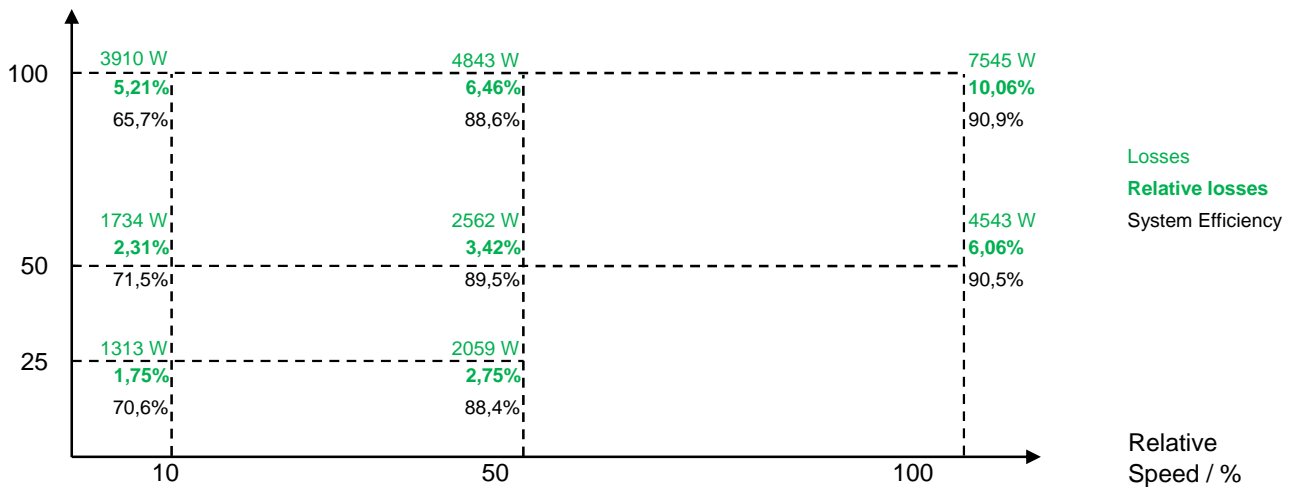
Standby losses : 32 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

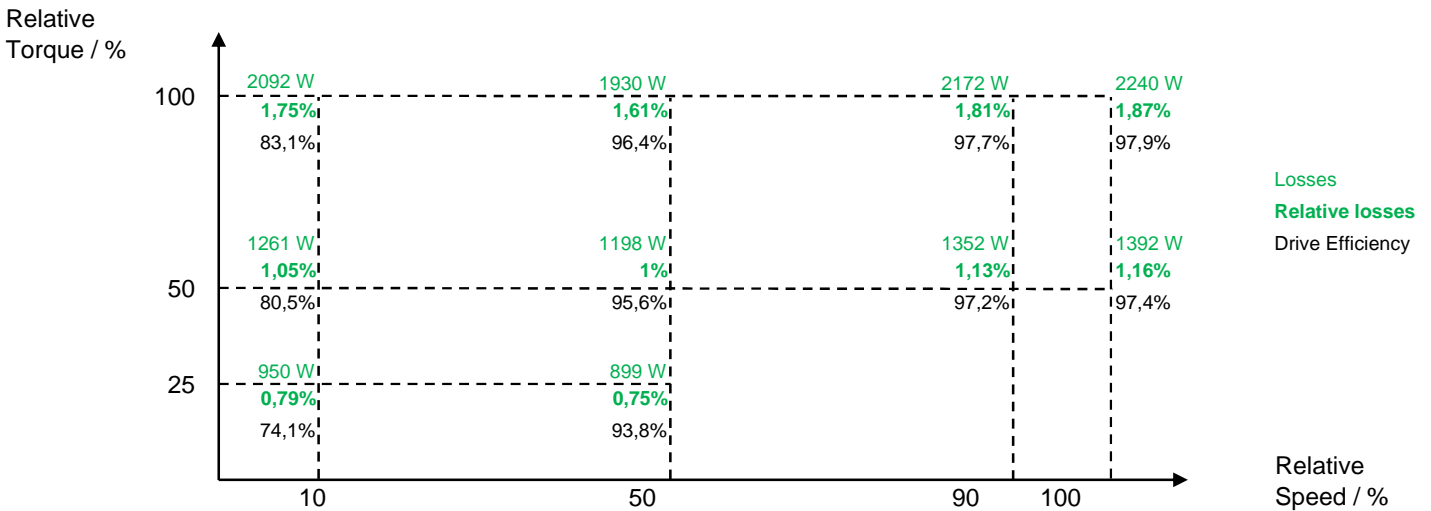
Reference : **ATV630C11N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 90 kW / 125 HP
 Overload : Heavy Duty
 Nominal current : 173 A
 Nominal apparent power : 119,9 kVA
 Nominal frequency : 50 Hz

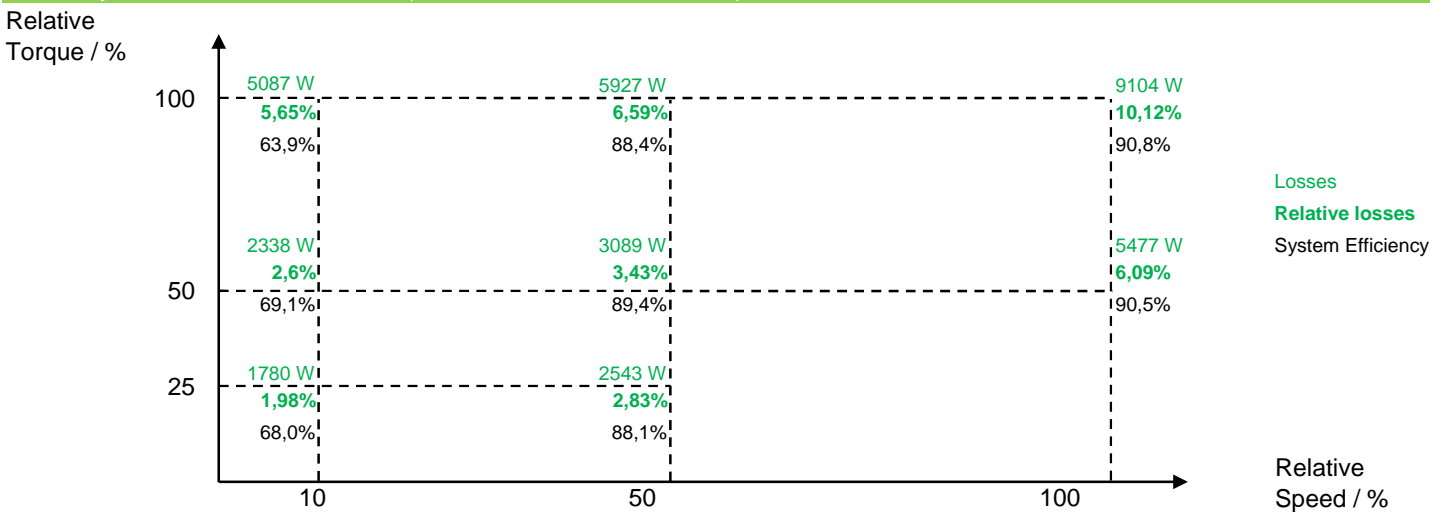


Efficiency data for the Drive

Standby losses : 68 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

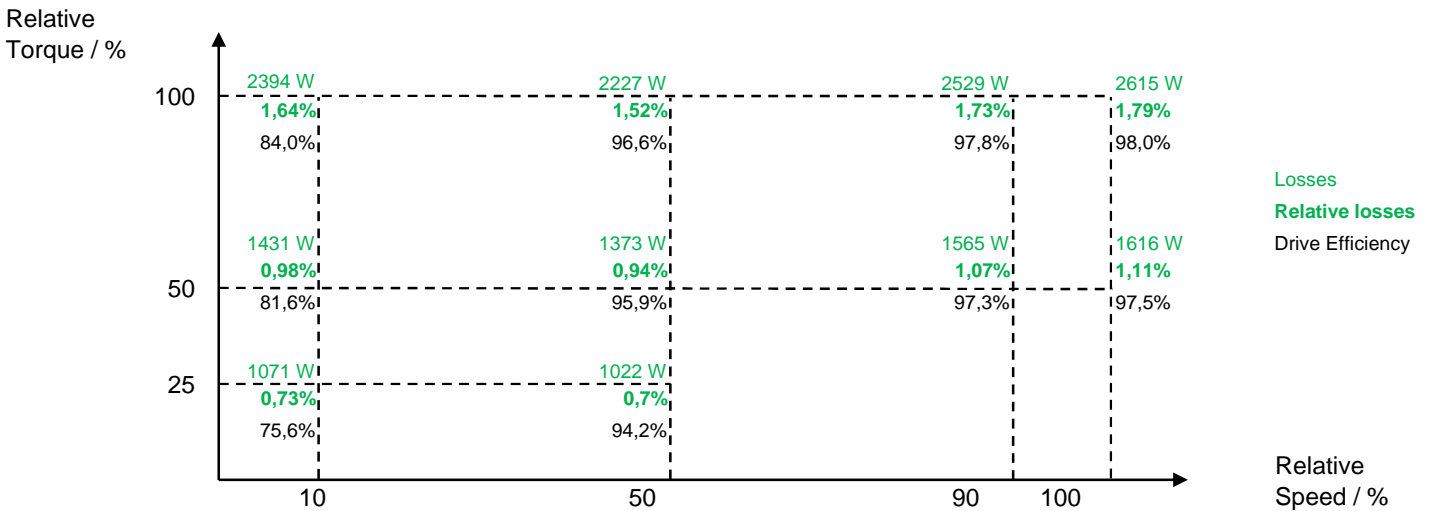
Reference : **ATV630C13N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 110 kW / 150 HP
 Overload : Heavy Duty
 Nominal current : 211 A
 Nominal apparent power : 146,2 kVA
 Nominal frequency : 50 Hz

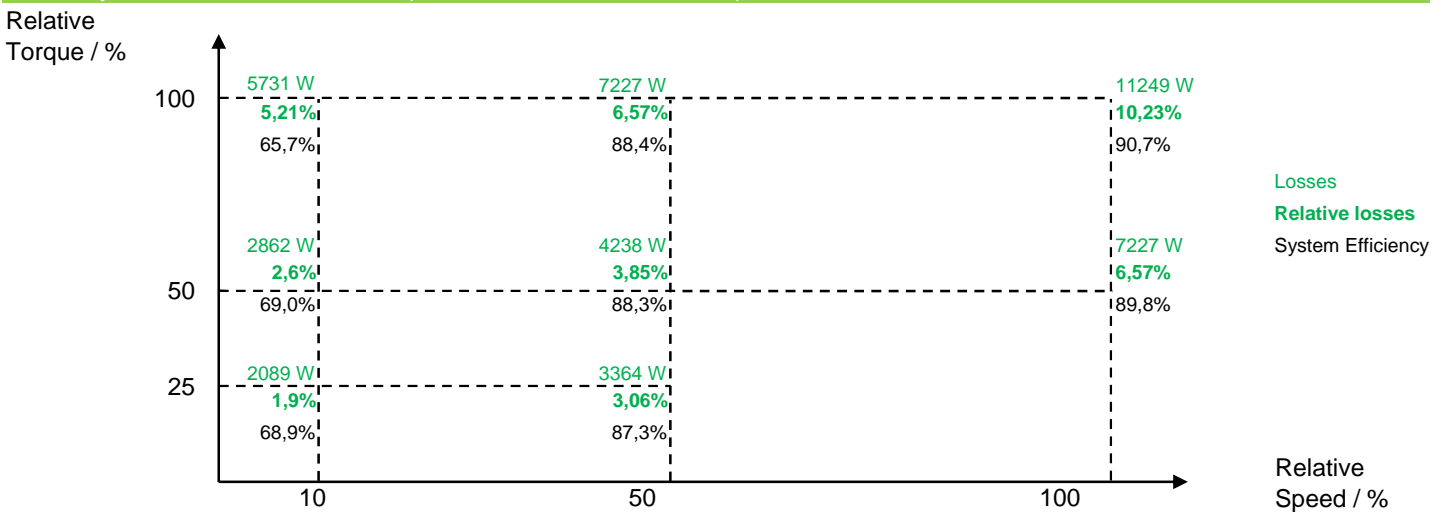


Efficiency data for the Drive

Standby losses : 68 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630C16N4**

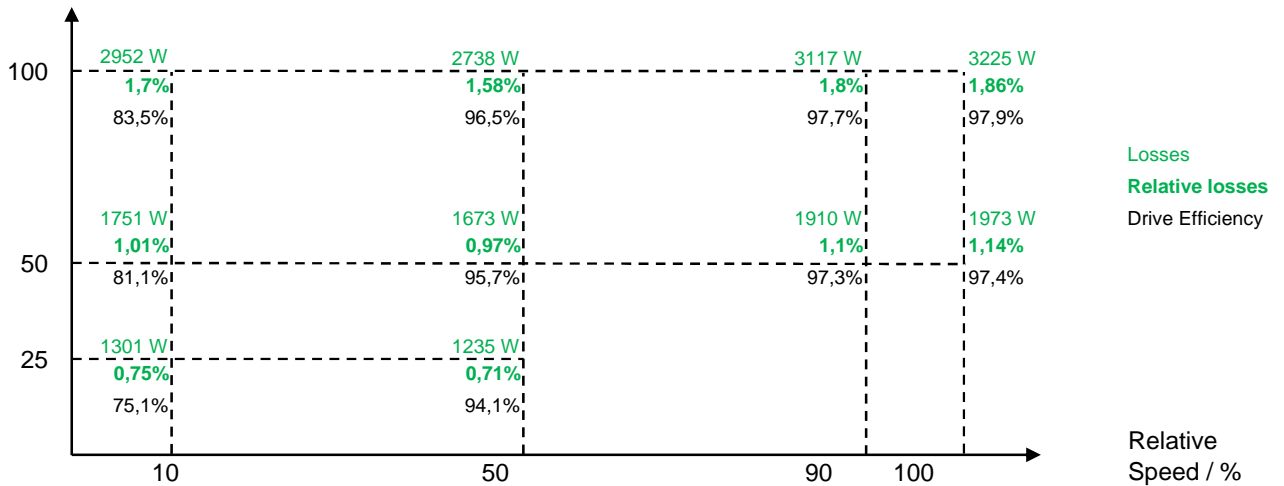
Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 132 kW / 200 HP
 Overload : Heavy Duty
 Nominal current : 250 A
 Nominal apparent power : 173,2 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

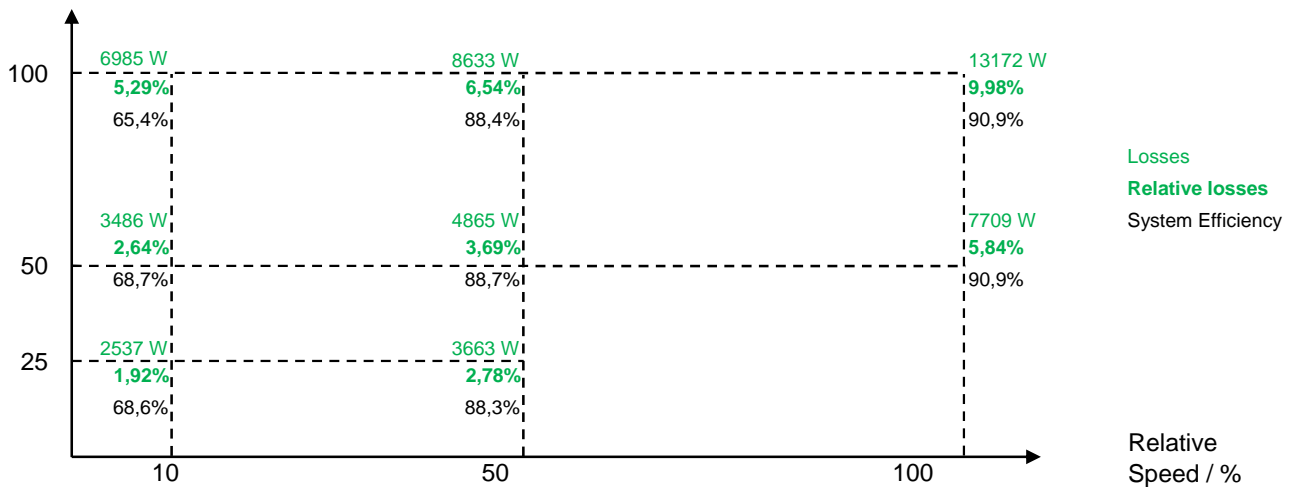
Standby losses : 68 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

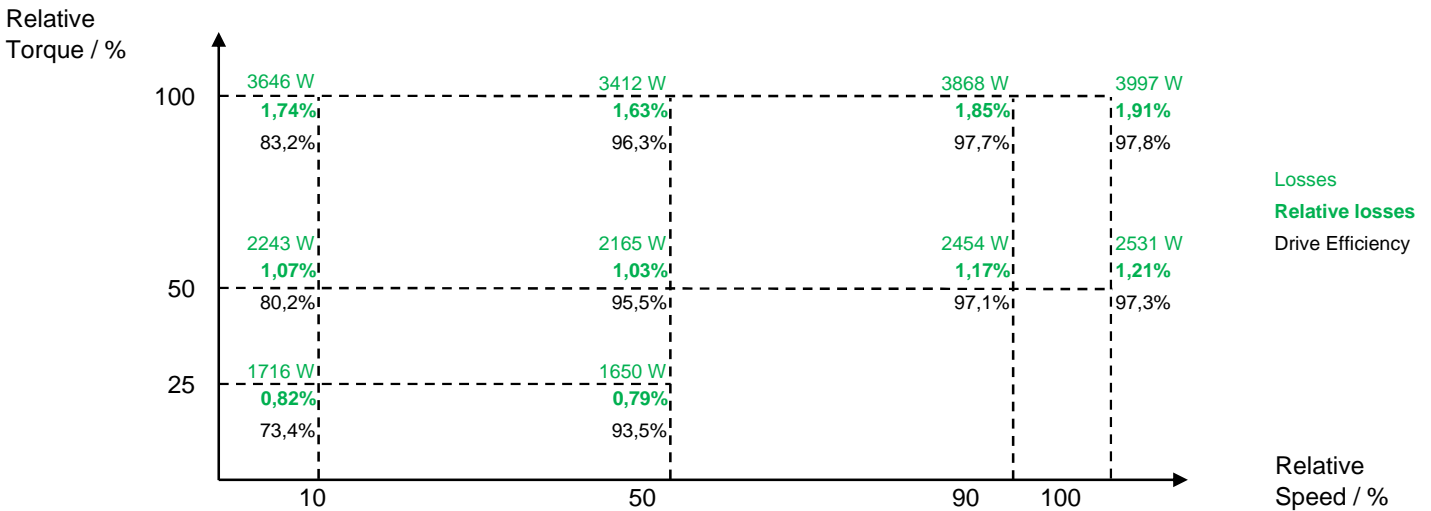
Reference : **ATV630C22N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 160 kW / 250 HP
 Overload : Heavy Duty
 Nominal current : 302 A
 Nominal apparent power : 209,2 kVA
 Nominal frequency : 50 Hz

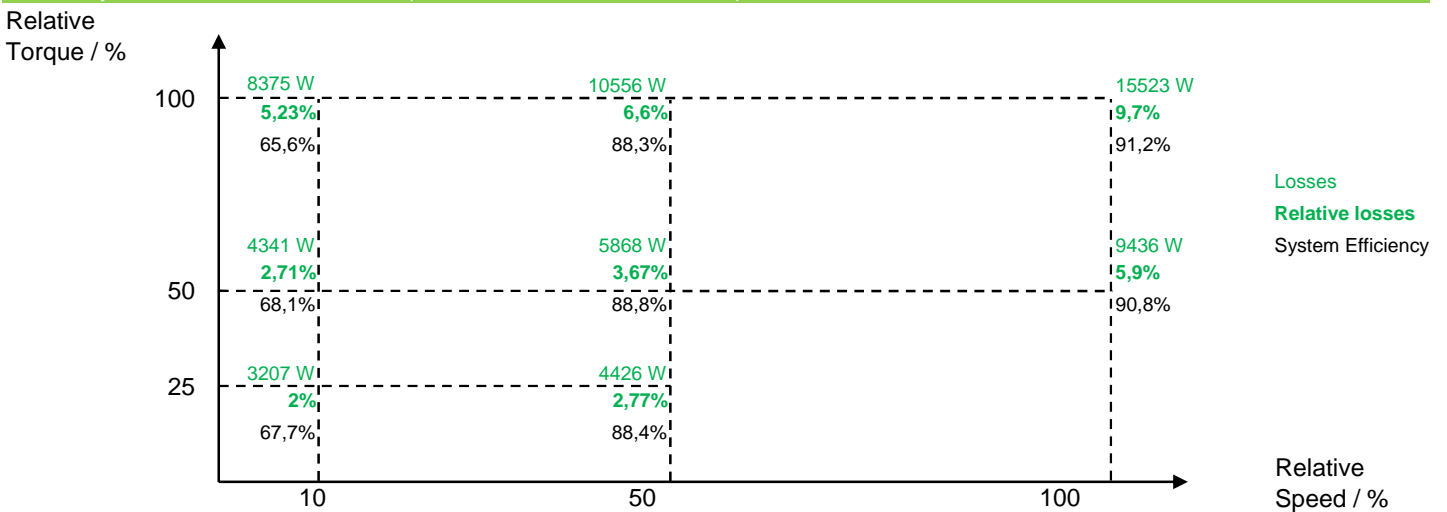


Efficiency data for the Drive

Standby losses : 166 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

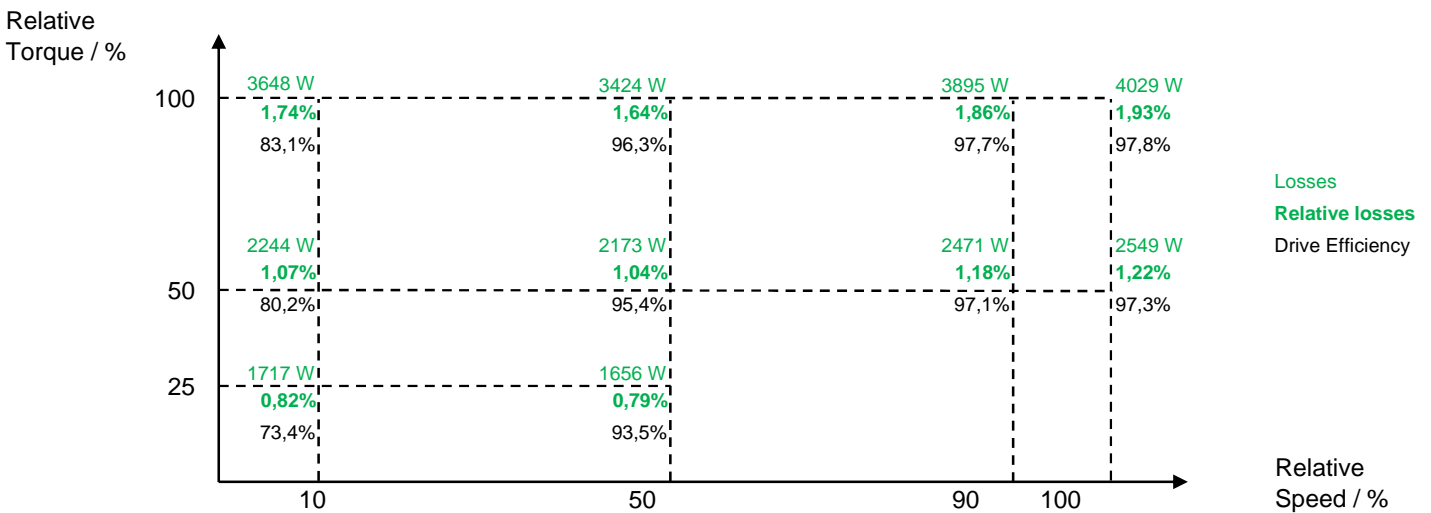
Reference : **ATV630C22N4MN
+ VW3A4569**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 160 kW / 250 HP
 Overload : Heavy Duty
 Nominal current : 302 A
 Nominal apparent power : 209,2 kVA
 Nominal frequency : 50 Hz

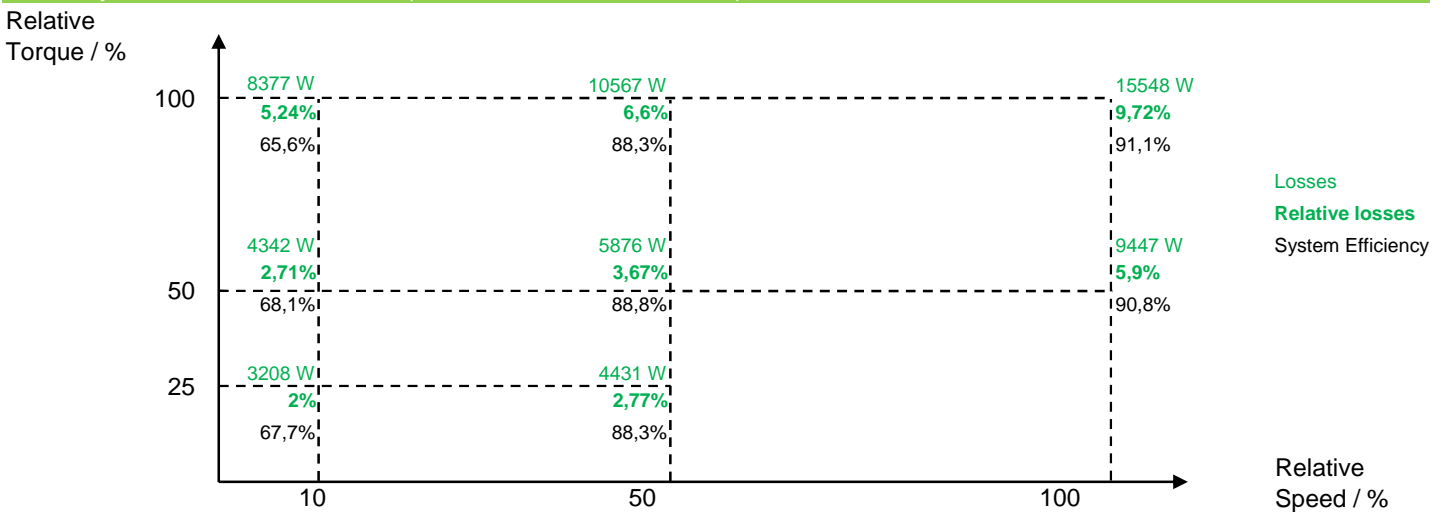


Efficiency data for the Drive

Standby losses : 166 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

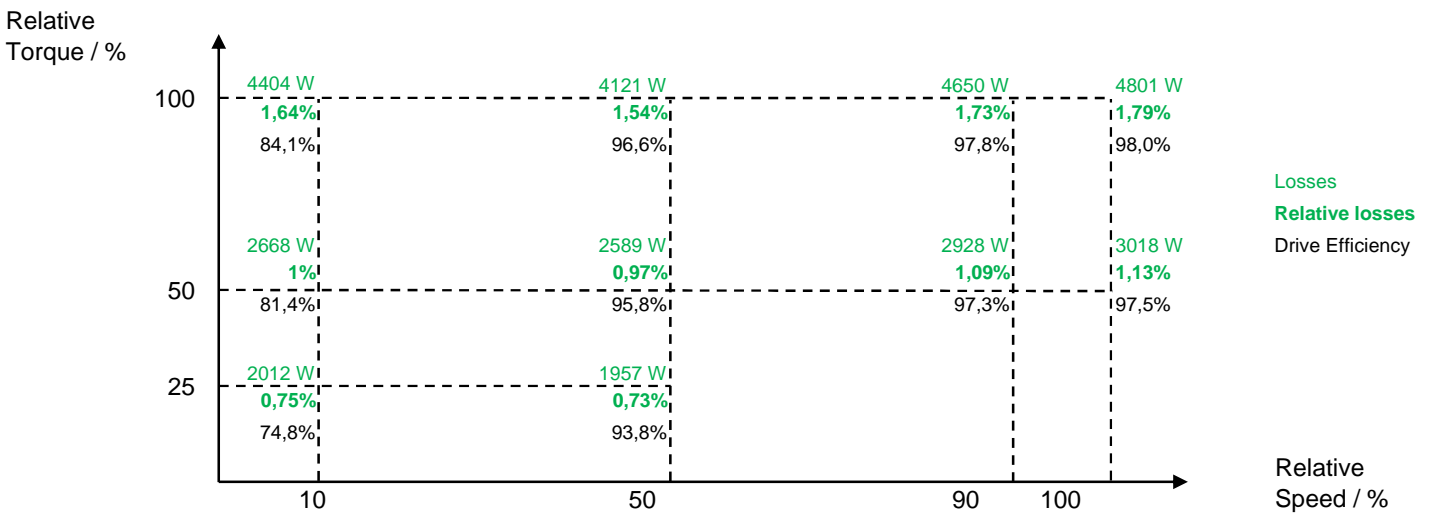
Reference : **ATV630C25N4**



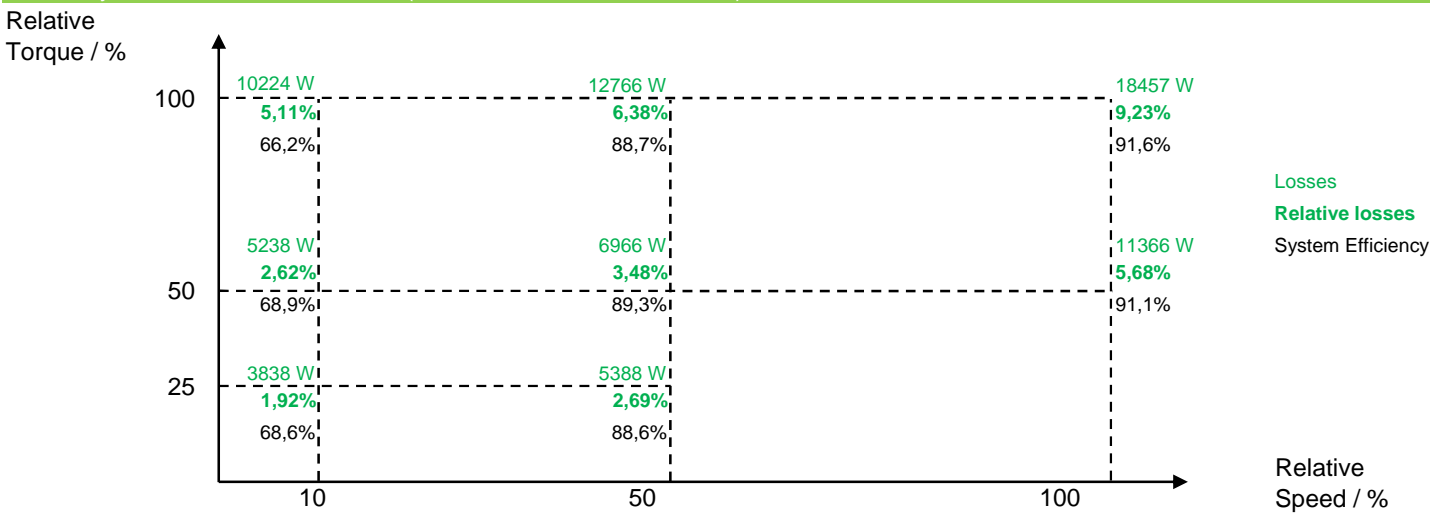
Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 200 kW / 300 HP
 Overload : Heavy Duty
 Nominal current : 387 A
 Nominal apparent power : 268,1 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

Standby losses : 203 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

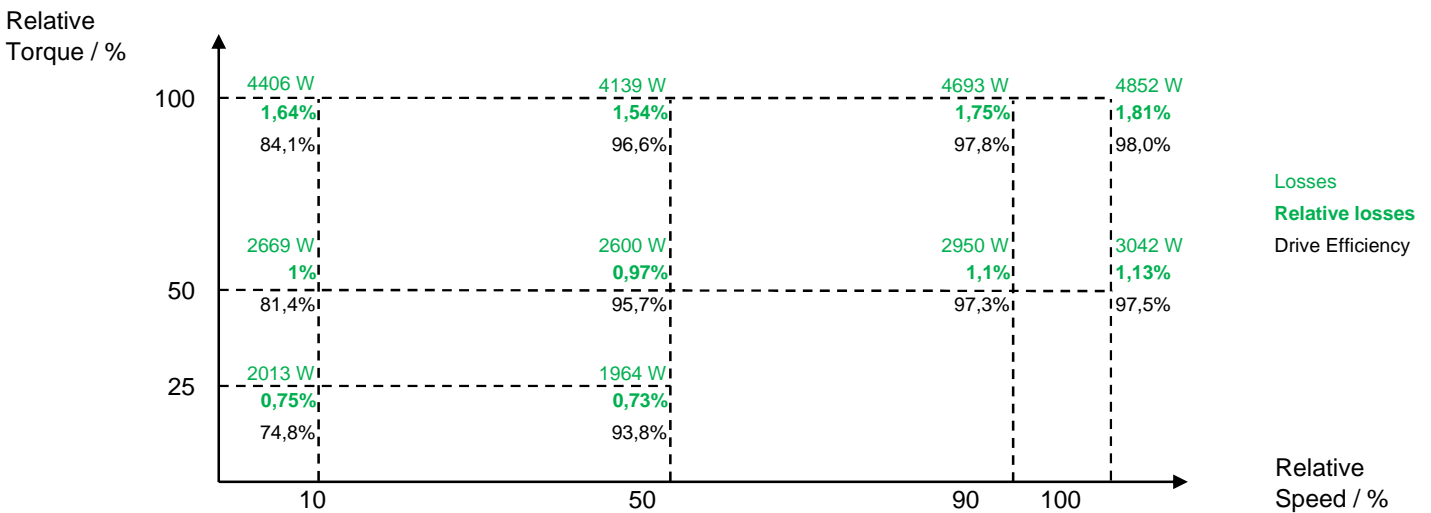
Reference : **ATV630C25N4MN
+ VW3A4569**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 200 kW / 300 HP
 Overload : Heavy Duty
 Nominal current : 387 A
 Nominal apparent power : 268,1 kVA
 Nominal frequency : 50 Hz

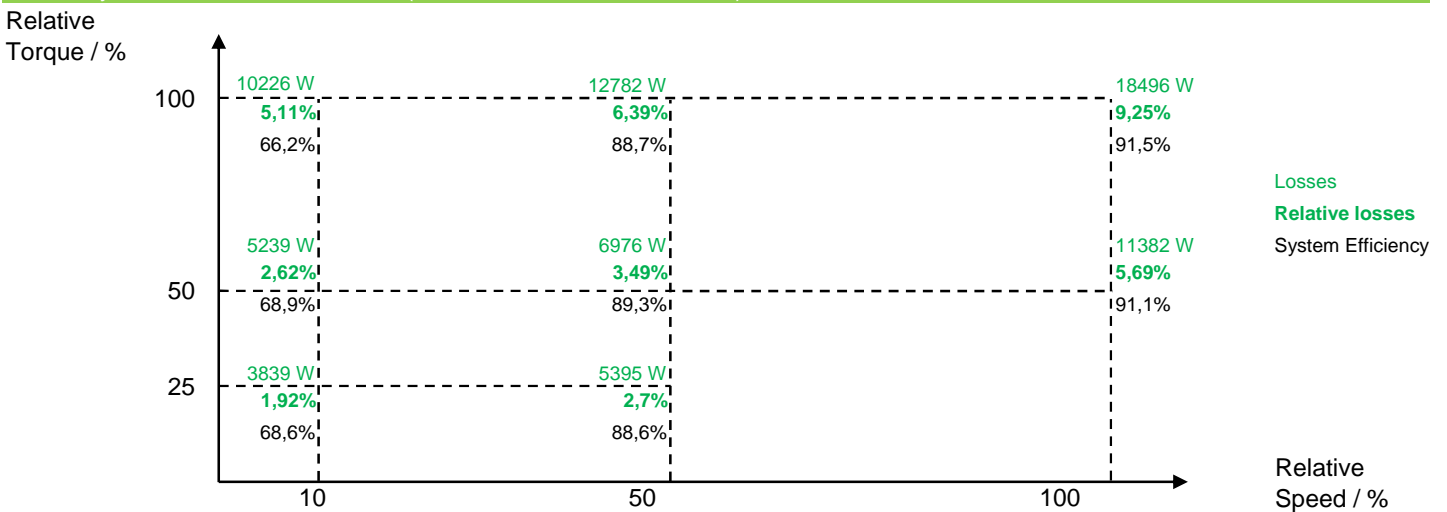


Efficiency data for the Drive

Standby losses : 203 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630C31N4**

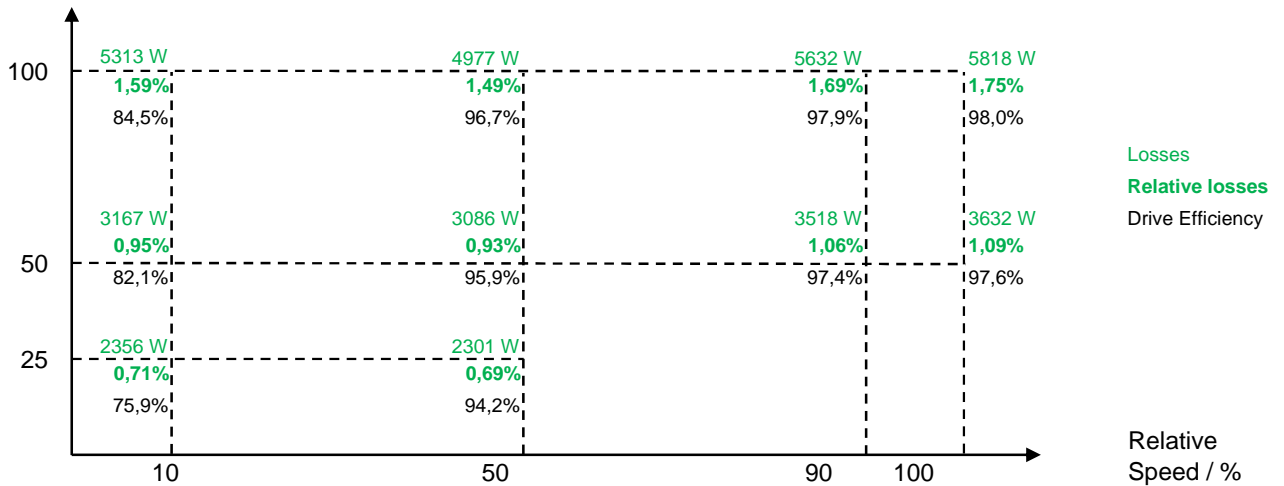


Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 250 kW / 400 HP
 Overload : Heavy Duty
 Nominal current : 481 A
 Nominal apparent power : 333,2 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

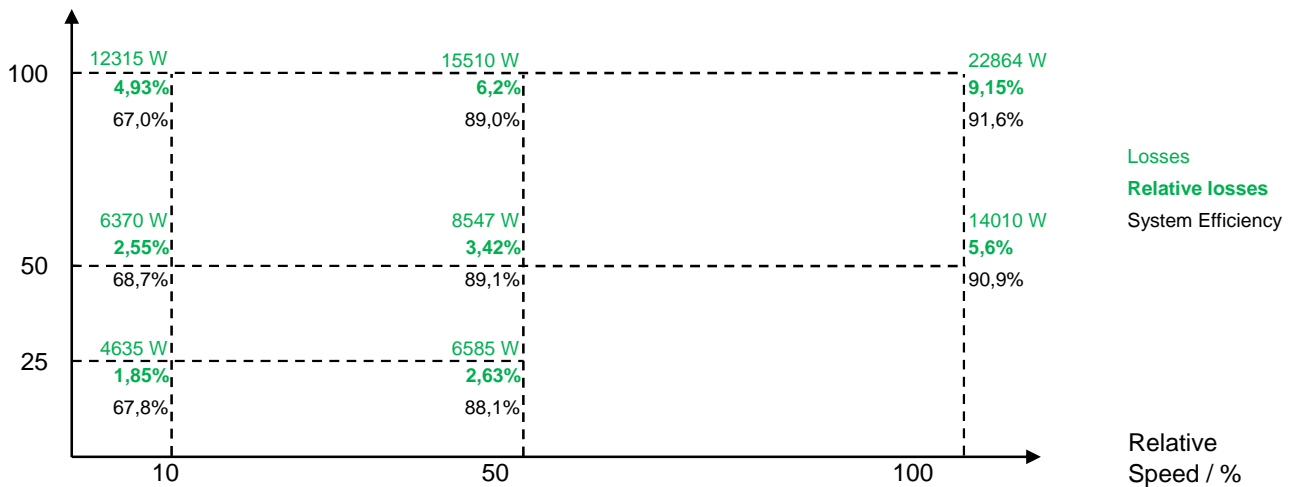
Standby losses : 203 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

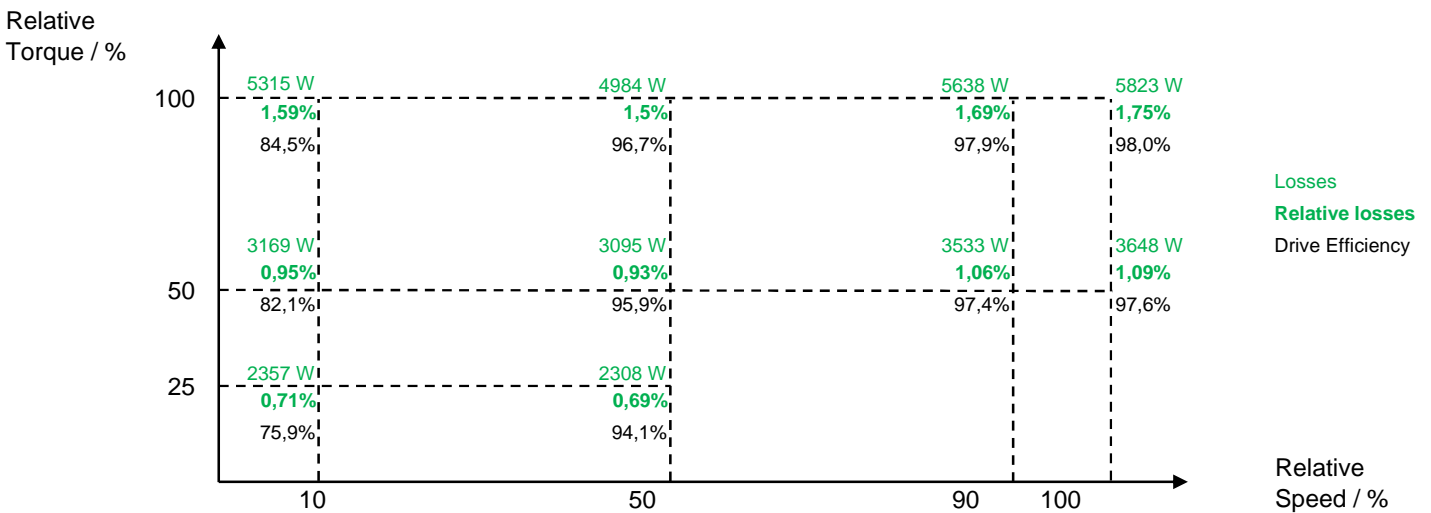
Reference : **ATV630C31N4MN
+ VW3A4564**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 250 kW / 400 HP
 Overload : Heavy Duty
 Nominal current : 481 A
 Nominal apparent power : 333,2 kVA
 Nominal frequency : 50 Hz

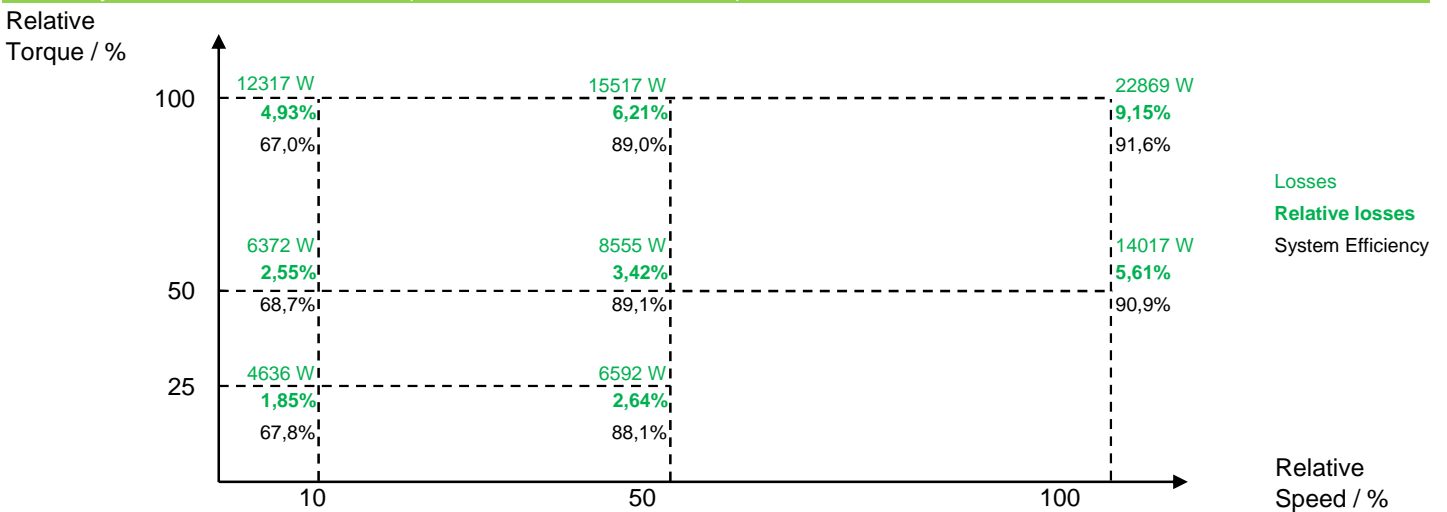


Efficiency data for the Drive

Standby losses : 203 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

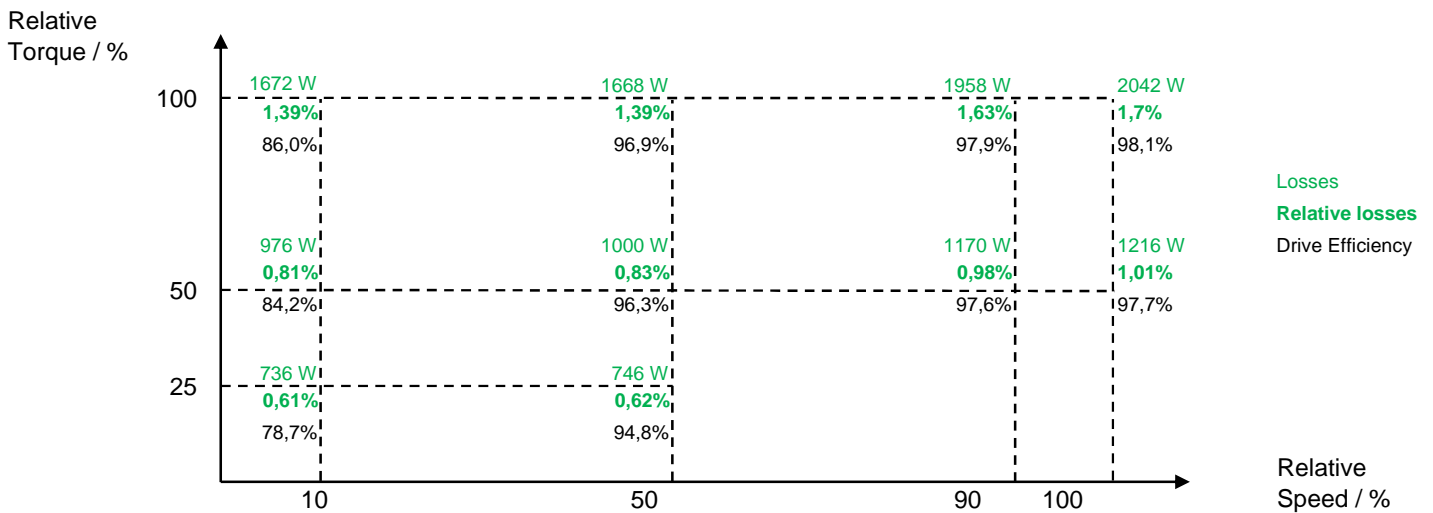
Reference : **ATV630C11N4F**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 90 kW / - HP
 Overload : Heavy Duty
 Nominal current : 173 A
 Nominal apparent power : 119,9 kVA
 Nominal frequency : 50 Hz

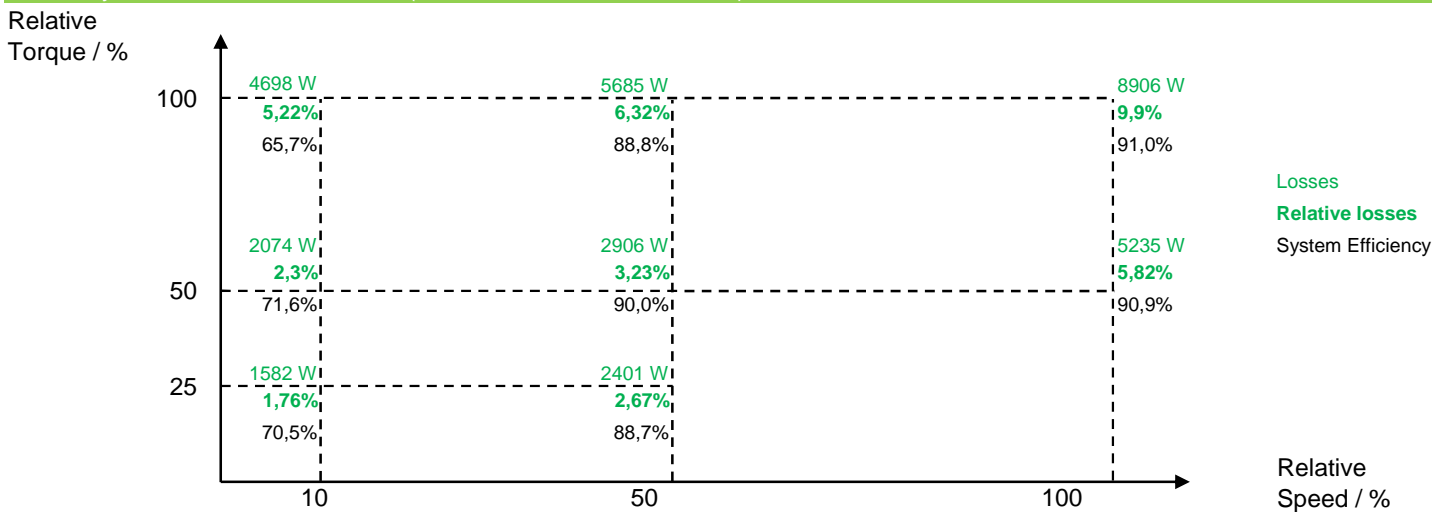


Efficiency data for the Drive

Standby losses : 74 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

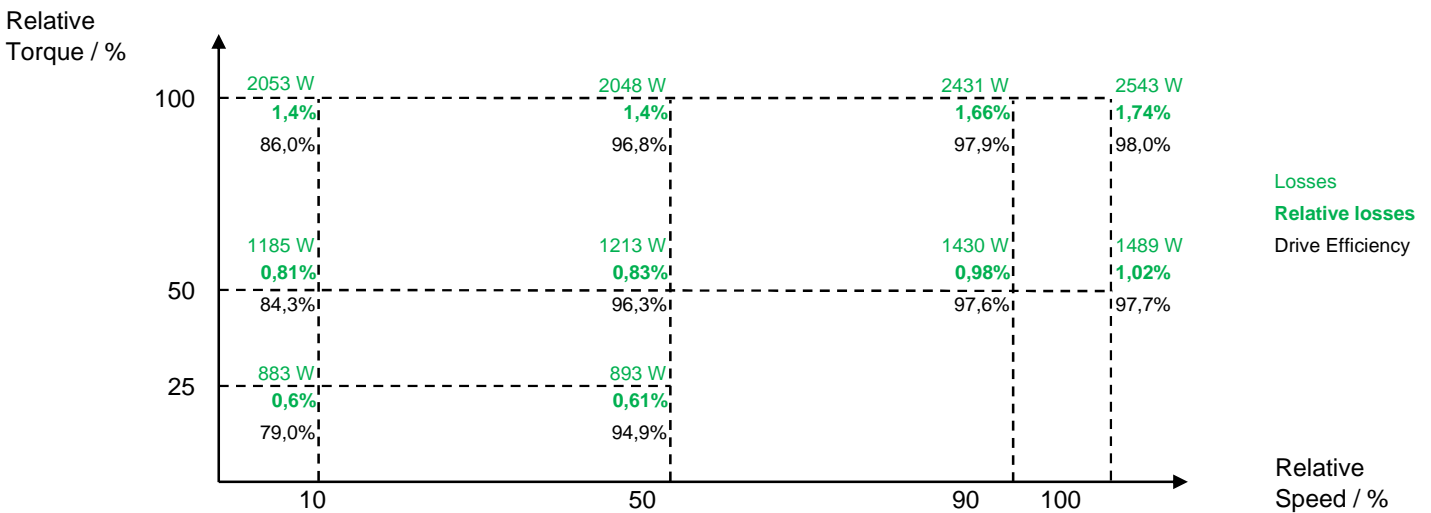
Reference : **ATV630C13N4F**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 110 kW / - HP
 Overload : Heavy Duty
 Nominal current : 211 A
 Nominal apparent power : 146,2 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

Standby losses : 74 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

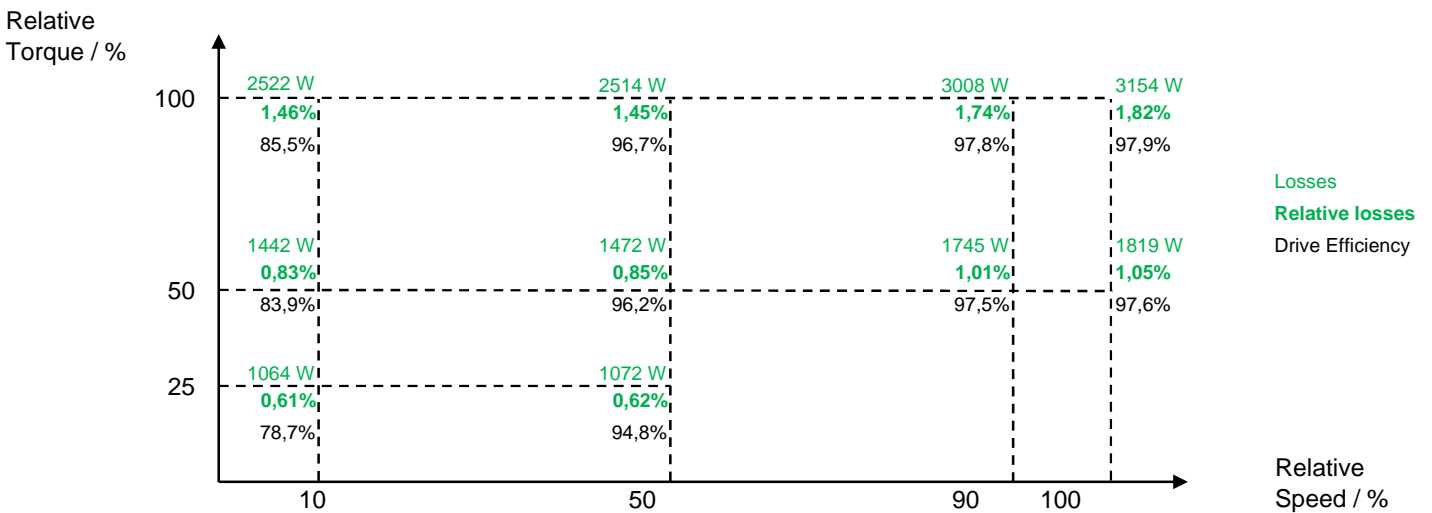
Reference : **ATV630C16N4F**



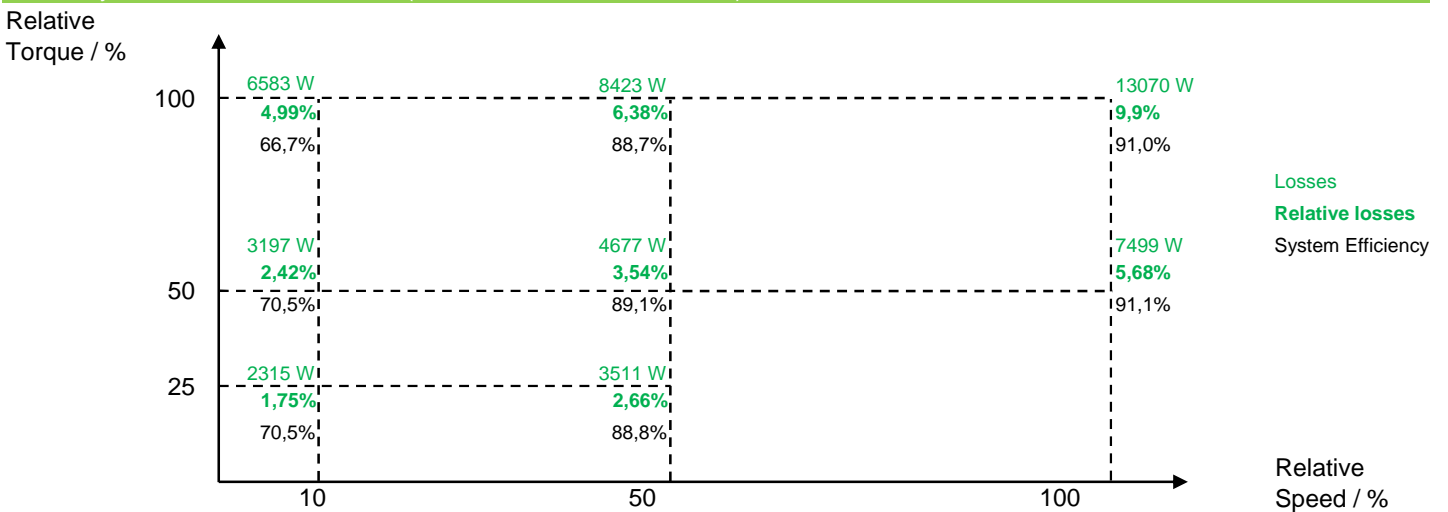
Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 132 kW / - HP
 Overload : Heavy Duty
 Nominal current : 250 A
 Nominal apparent power : 173,2 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

Standby losses : 74 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630C20N4F**

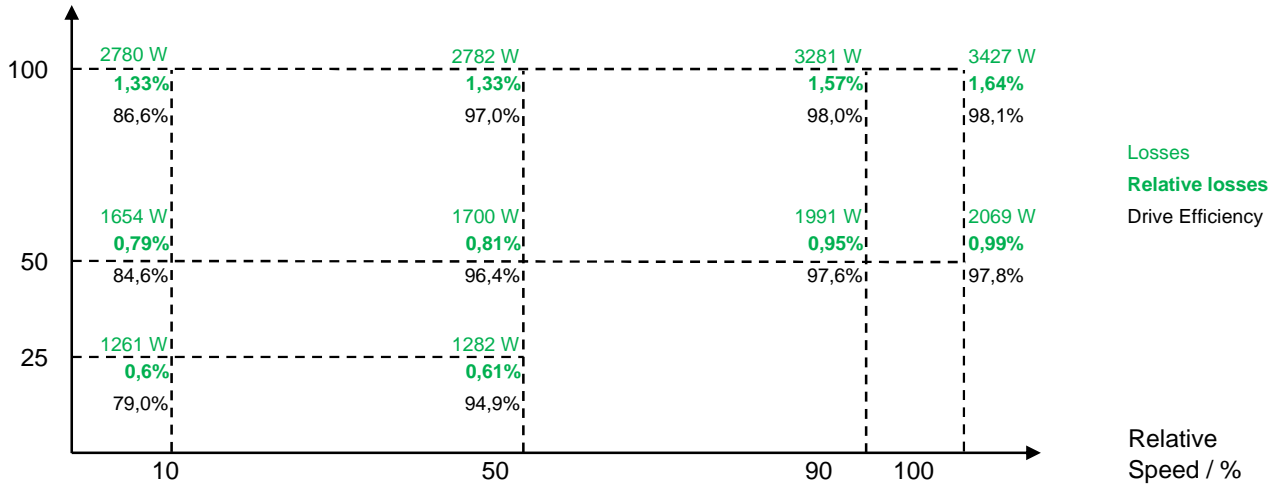


Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 160 kW / - HP
 Overload : Heavy Duty
 Nominal current : 302 A
 Nominal apparent power : 209,2 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

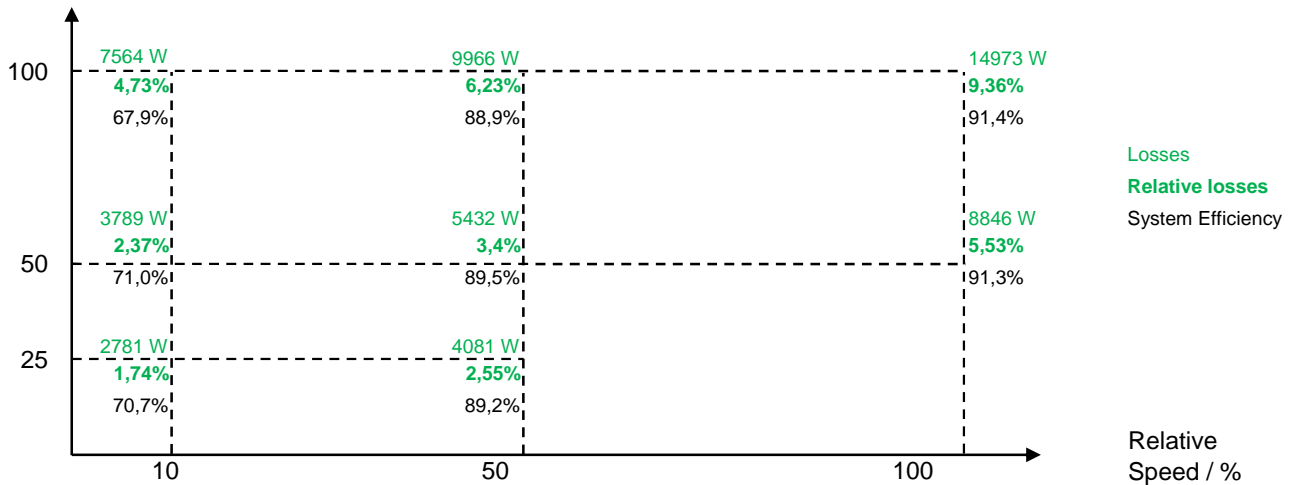
Standby losses : 143 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630C25N4F**

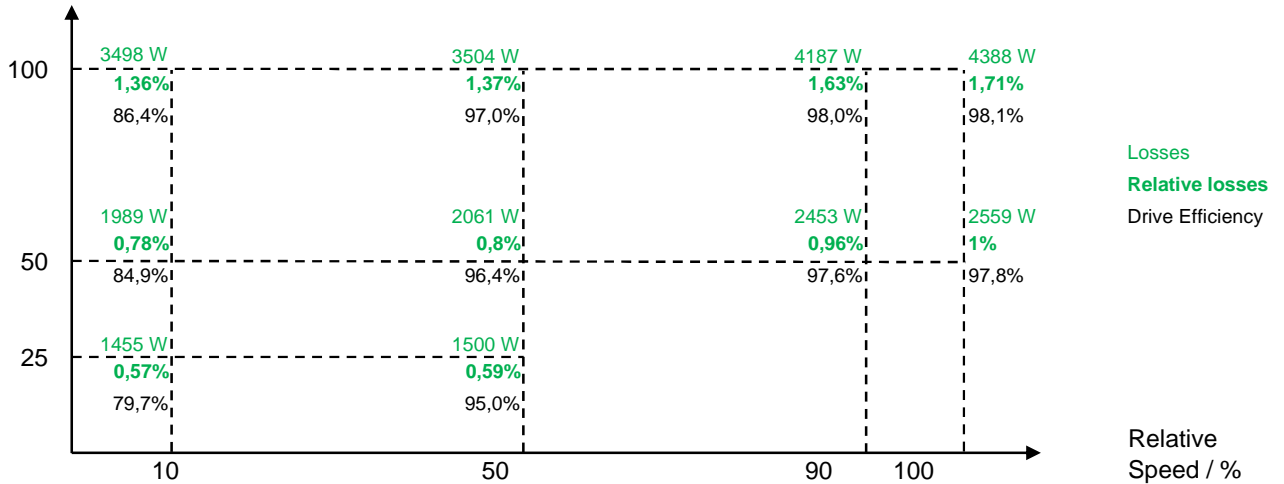


Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 200 kW / - HP
 Overload : Heavy Duty
 Nominal current : 370 A
 Nominal apparent power : 256,3 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

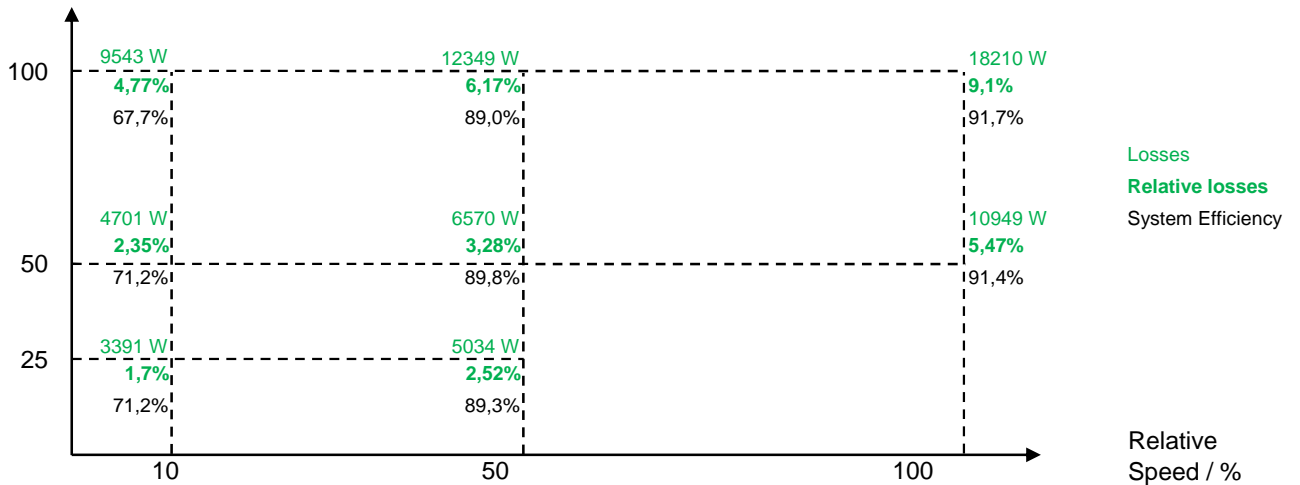
Standby losses : 143 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630C31N4F**

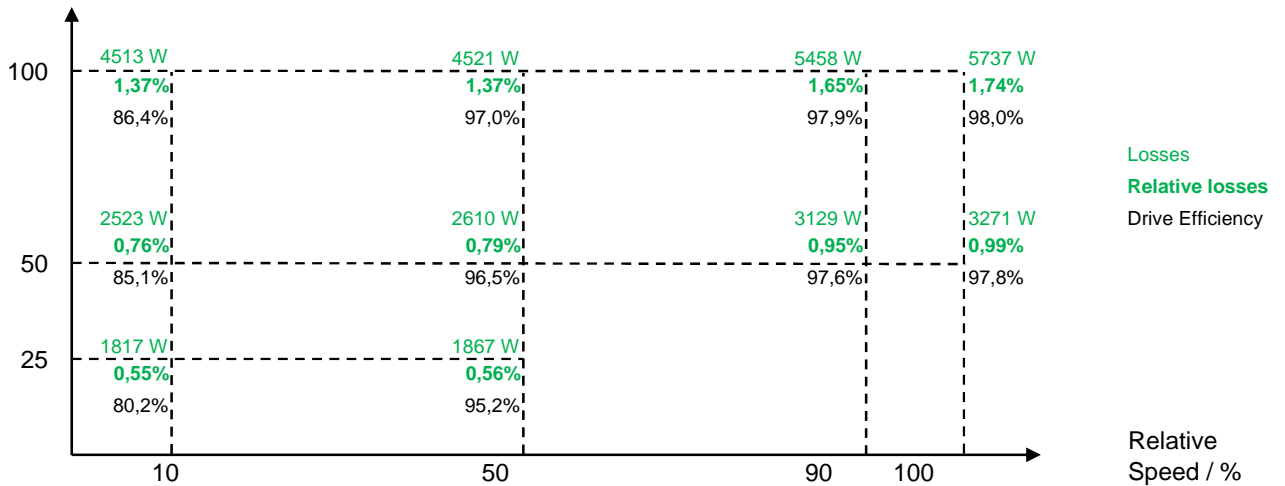
Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 250 kW / - HP
 Overload : Heavy Duty
 Nominal current : 477 A
 Nominal apparent power : 330,5 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

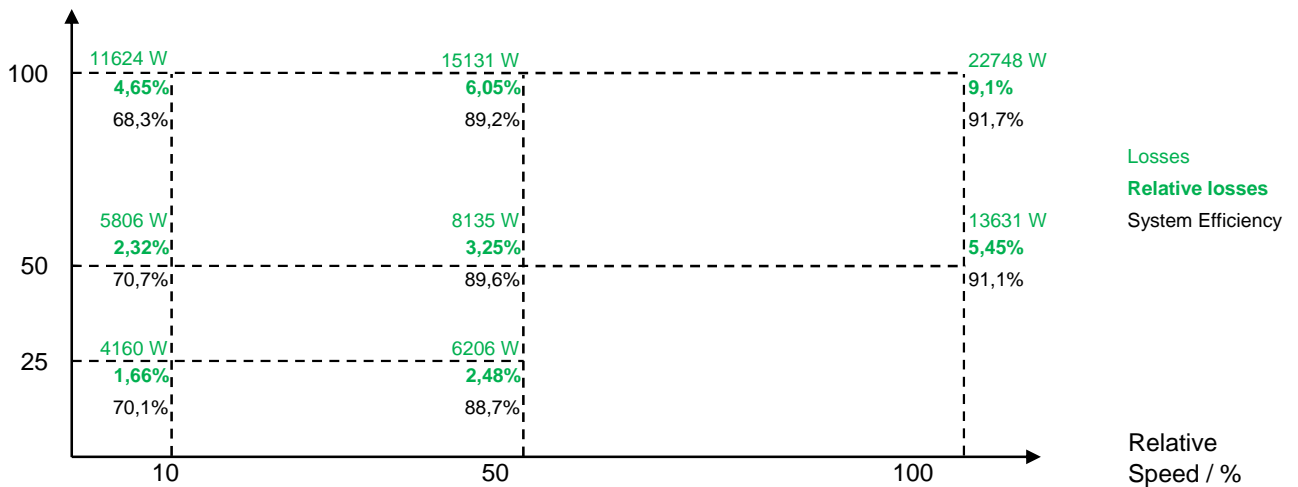
Standby losses : 142 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

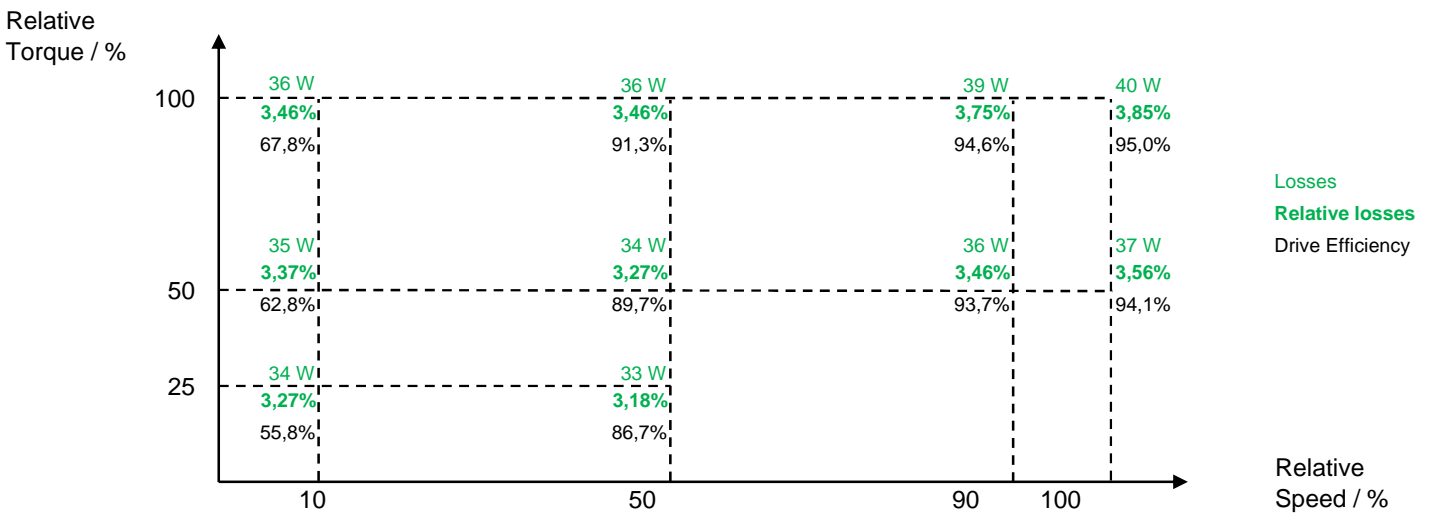
Reference : **ATV650U07N4(E)**



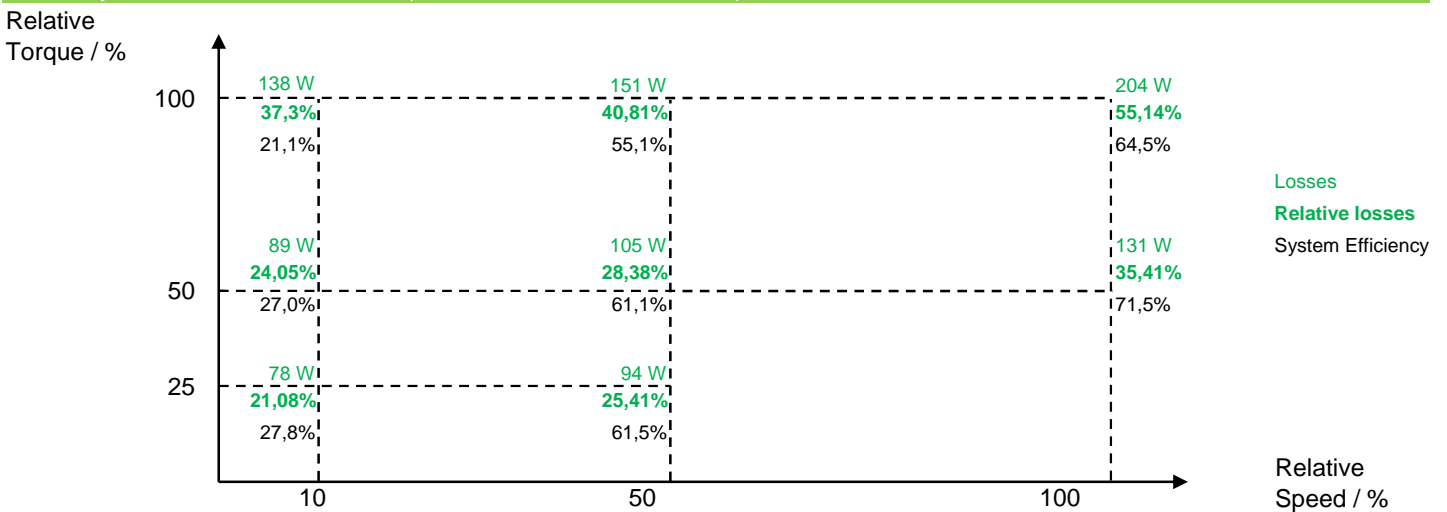
Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 0,37 kW / 0,5 HP
 Overload : Heavy Duty
 Nominal current : 1,5 A
 Nominal apparent power : 1 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

Standby losses : 14 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

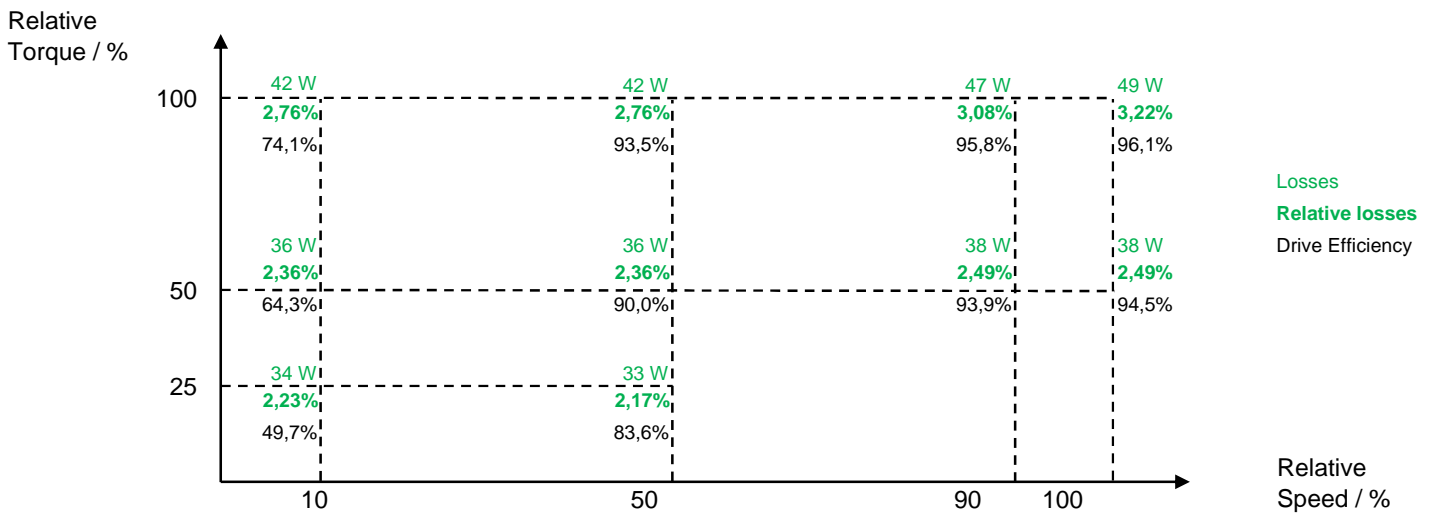
Reference : **ATV650U15N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 0,75 kW / 1 HP
 Overload : Heavy Duty
 Nominal current : 2,2 A
 Nominal apparent power : 1,5 kVA
 Nominal frequency : 50 Hz

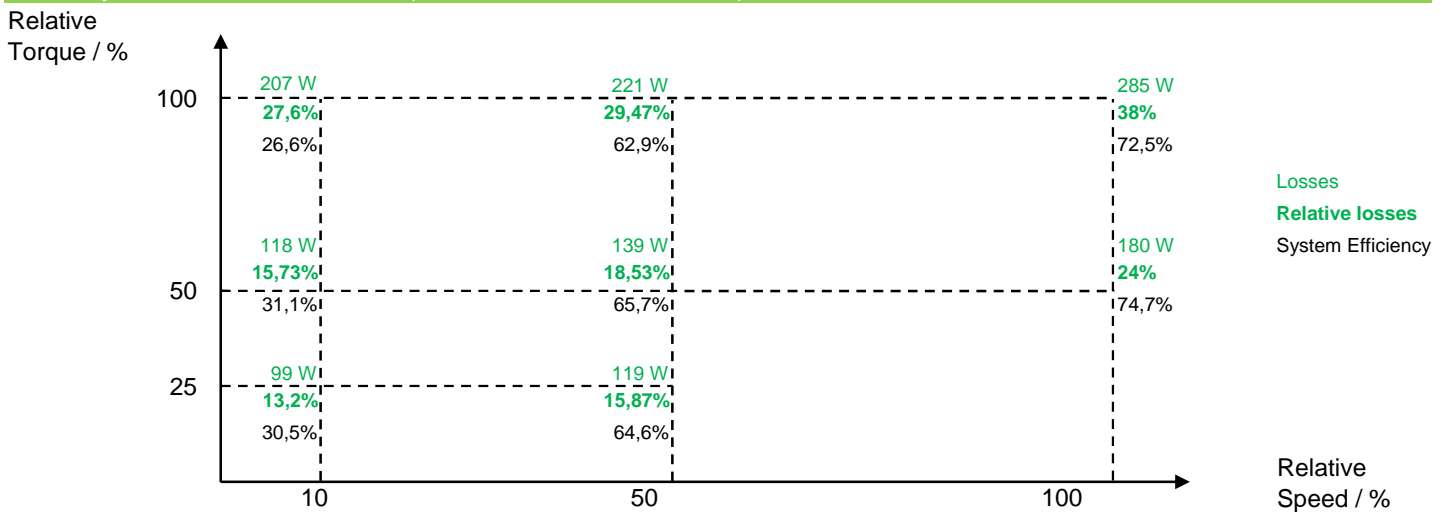


Efficiency data for the Drive

Standby losses : 14 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

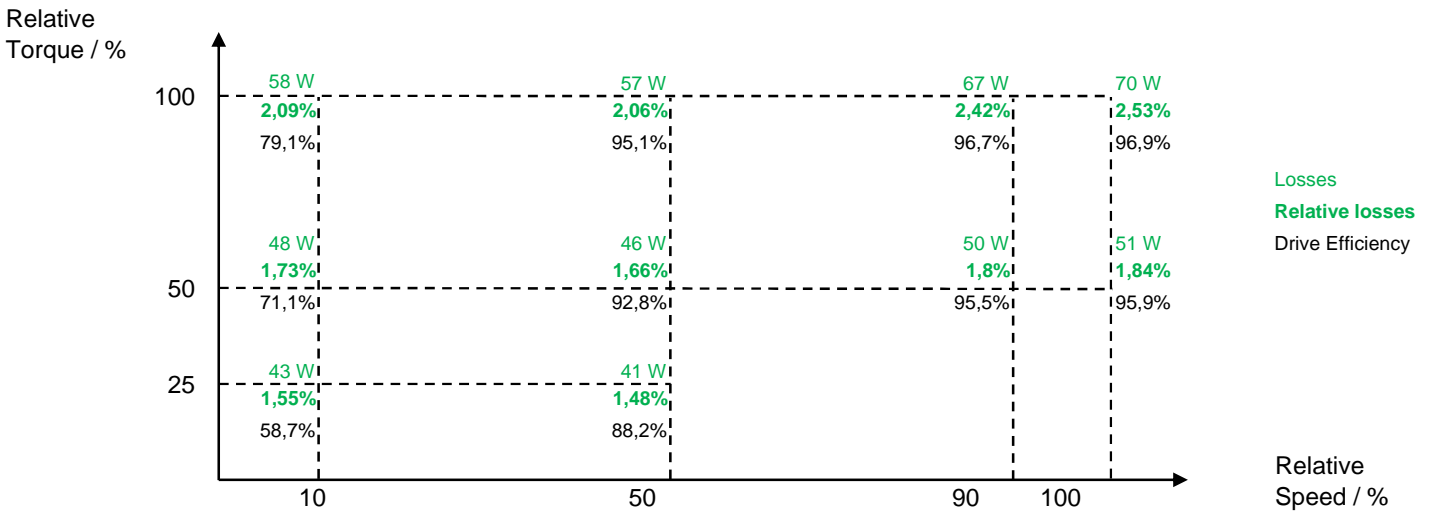
Reference : **ATV650U22N4(E)**



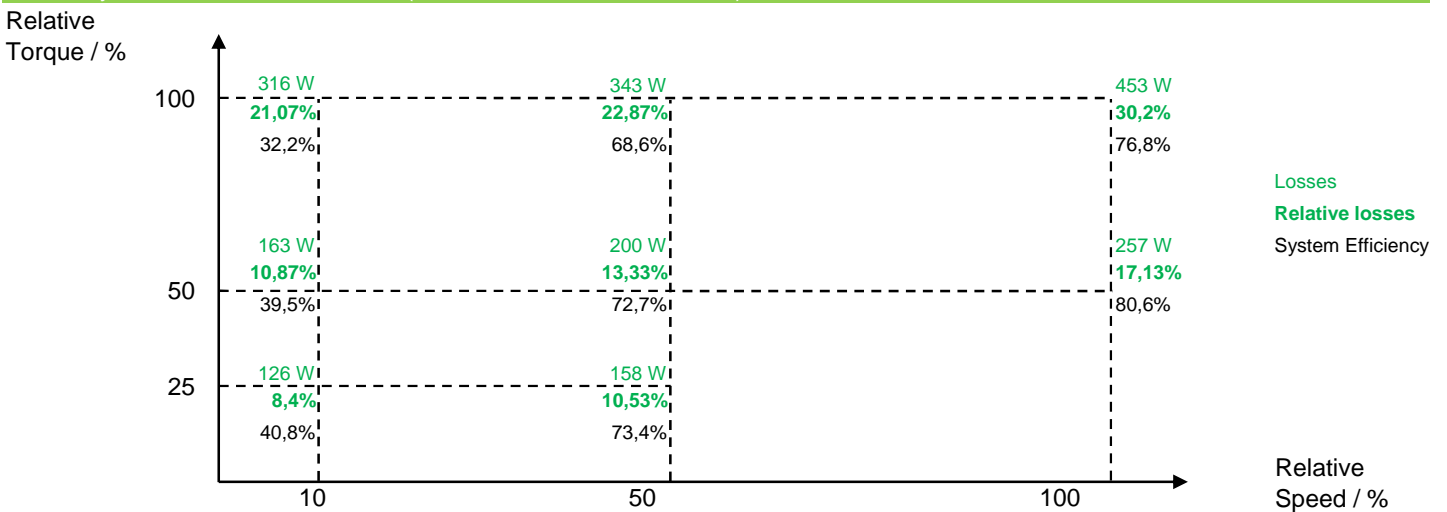
Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 1,5 kW / 2 HP
 Overload : Heavy Duty
 Nominal current : 4 A
 Nominal apparent power : 2,8 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

Standby losses : 14 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

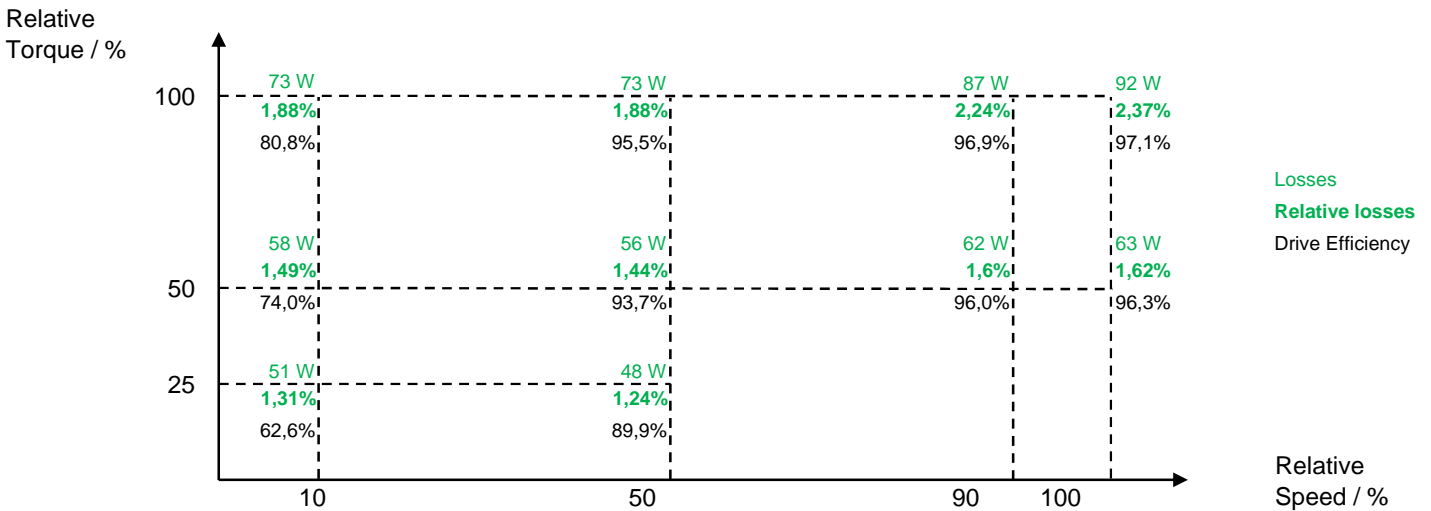
Reference : **ATV650U30N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 2,2 kW / 3 HP
 Overload : Heavy Duty
 Nominal current : 5,6 A
 Nominal apparent power : 3,9 kVA
 Nominal frequency : 50 Hz

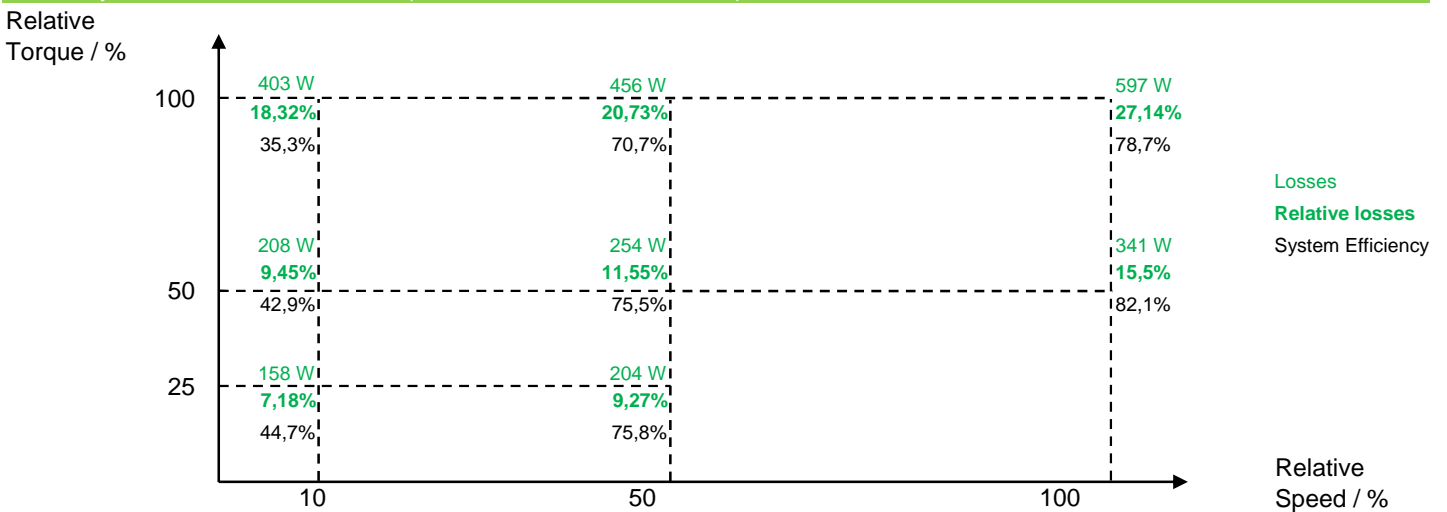


Efficiency data for the Drive

Standby losses : 14 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

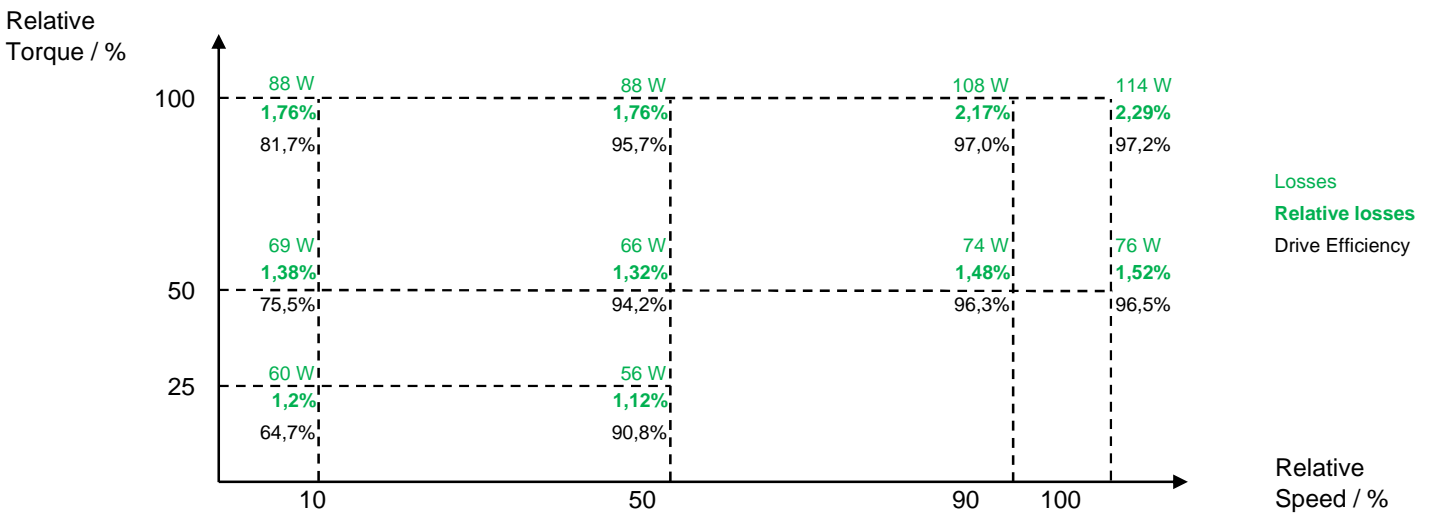
Reference : **ATV650U40N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 3 kW / - HP
 Overload : Heavy Duty
 Nominal current : 7,2 A
 Nominal apparent power : 5 kVA
 Nominal frequency : 50 Hz

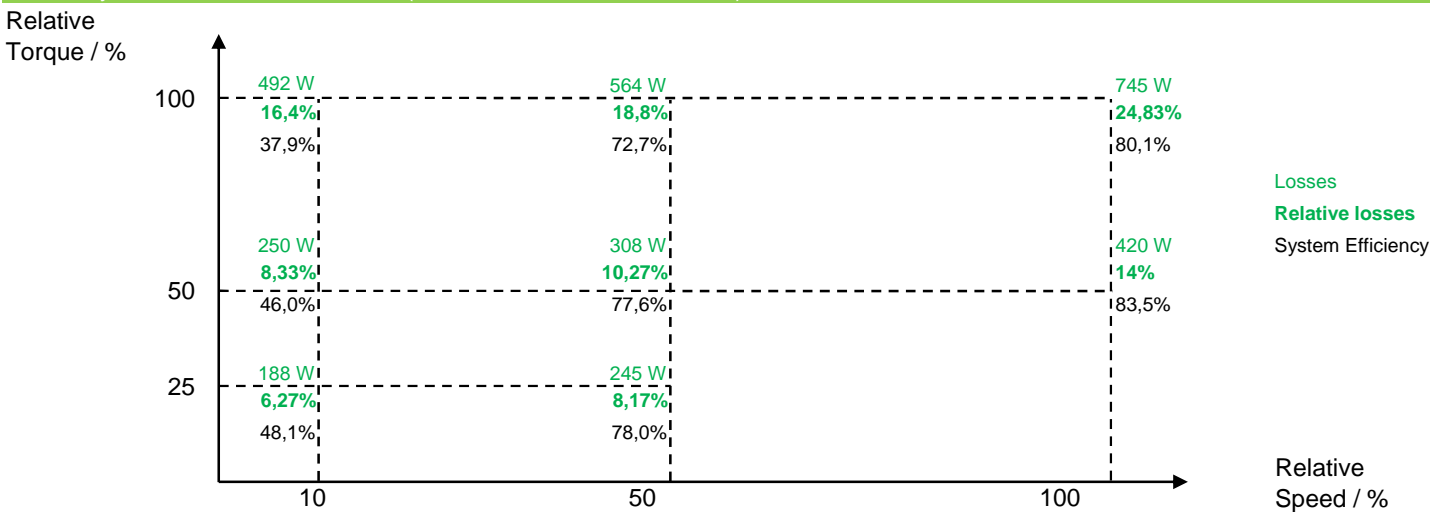


Efficiency data for the Drive

Standby losses : 14 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

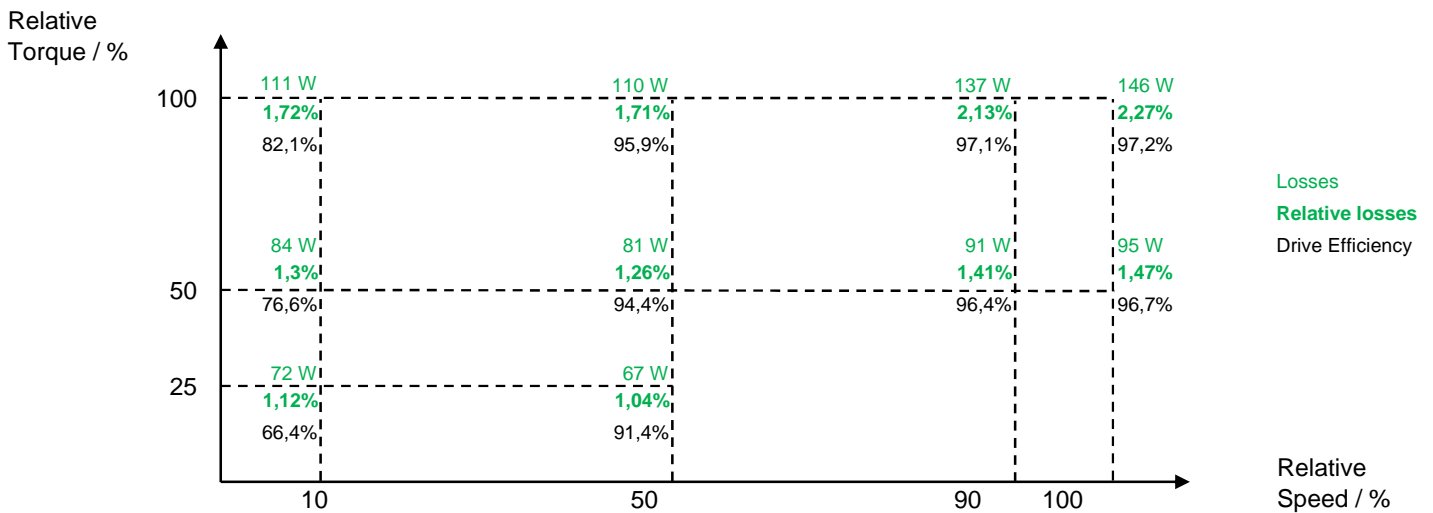
Reference : **ATV650U55N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 4 kW / 5 HP
 Overload : Heavy Duty
 Nominal current : 9,3 A
 Nominal apparent power : 6,4 kVA
 Nominal frequency : 50 Hz

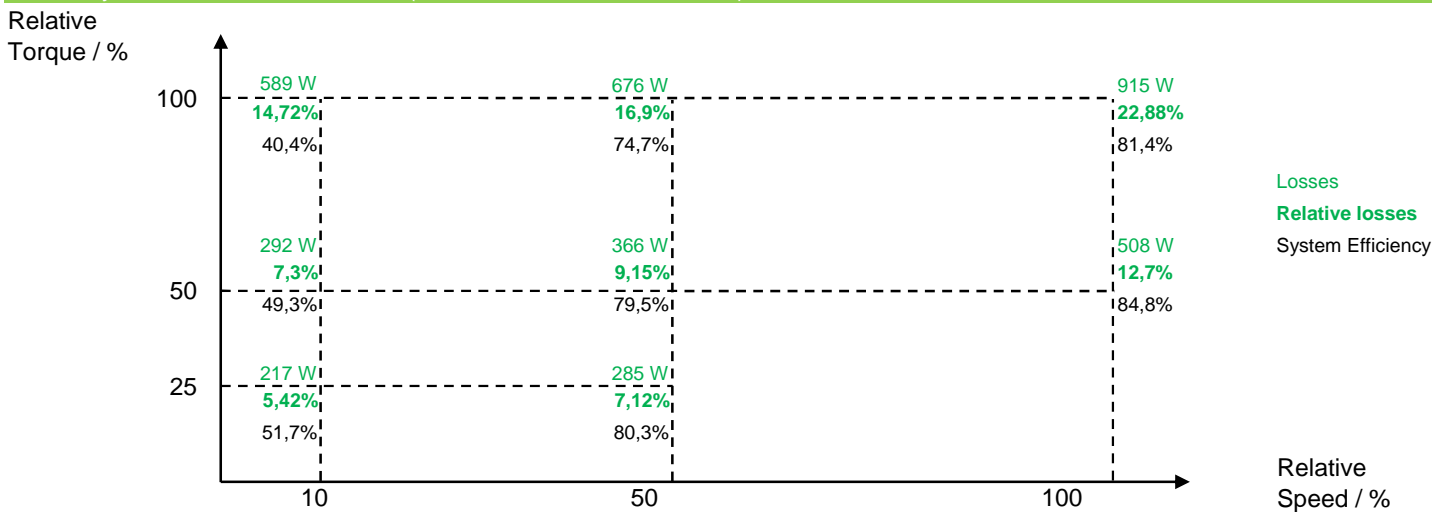


Efficiency data for the Drive

Standby losses : 14 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

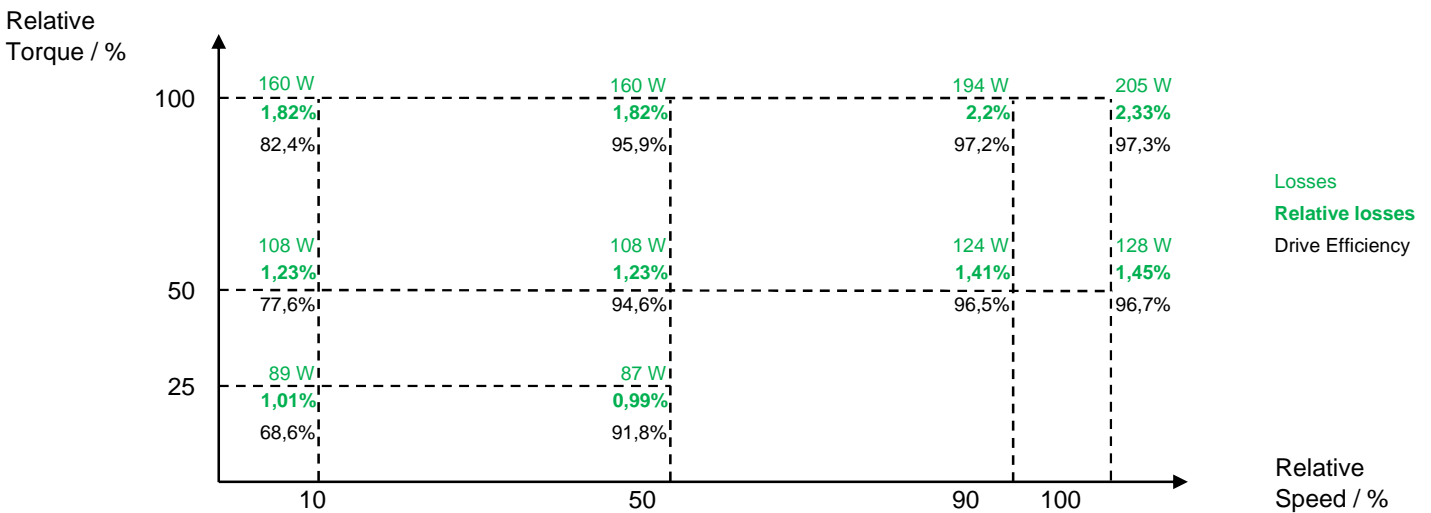
Reference : **ATV650U75N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 5,5 kW / 7,5 HP
 Overload : Heavy Duty
 Nominal current : 12,7 A
 Nominal apparent power : 8,8 kVA
 Nominal frequency : 50 Hz

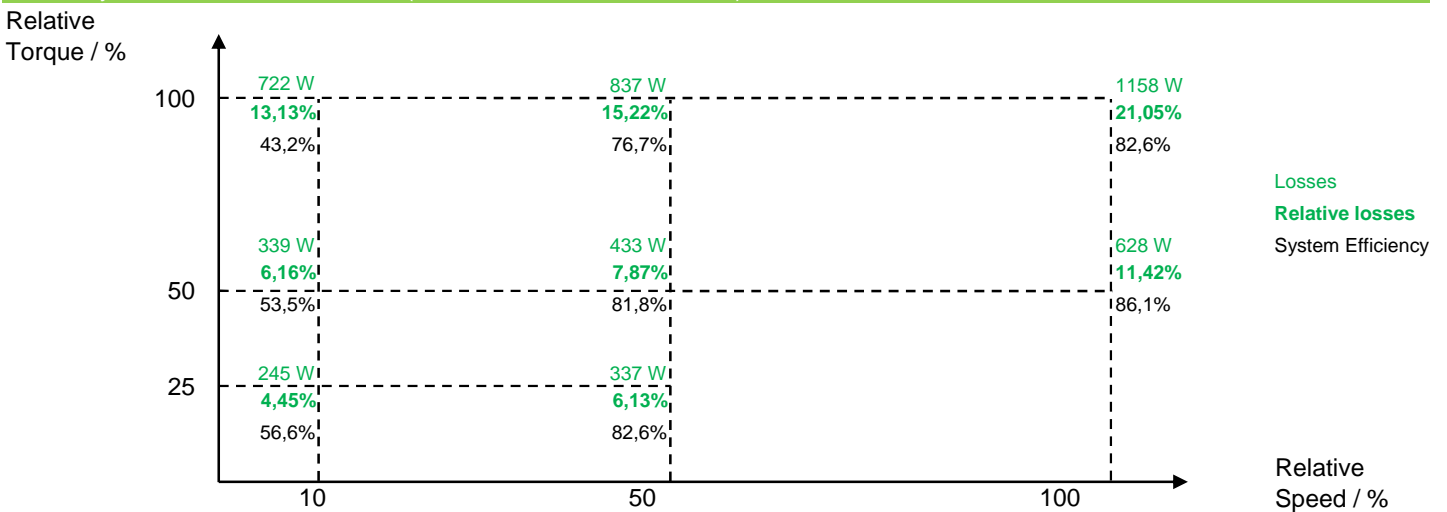


Efficiency data for the Drive

Standby losses : 17 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV650D11N4(E)**

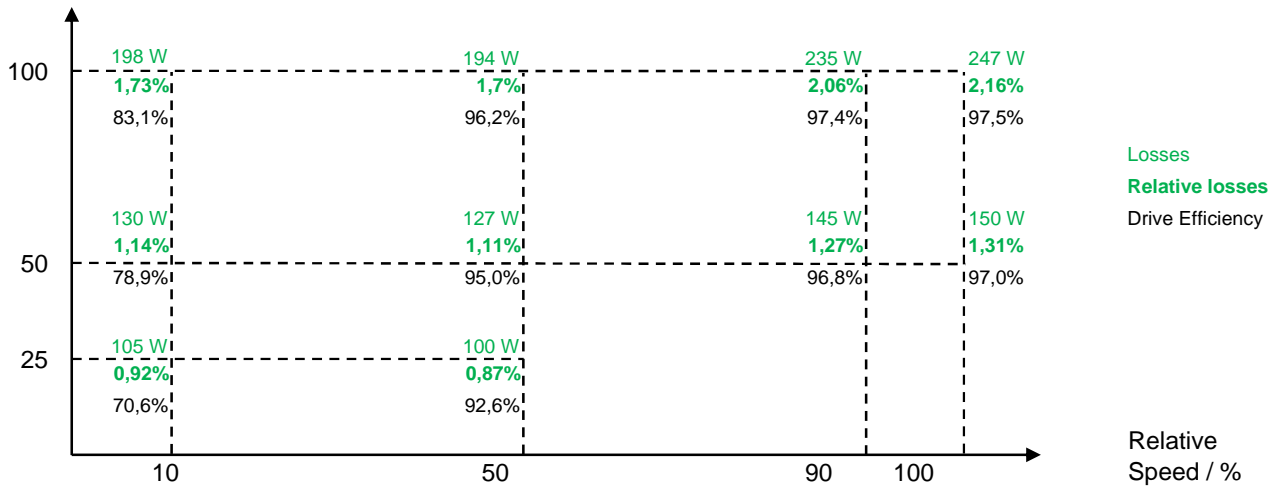


Series : **Altivar Process ATV600**
 Nominal voltage : **3x 400 VAC**
 Nominal power : **7,5 kW / 10 HP**
 Overload : **Heavy Duty**
 Nominal current : **16,5 A**
 Nominal apparent power : **11,4 kVA**
 Nominal frequency : **50 Hz**

Efficiency data for the Drive

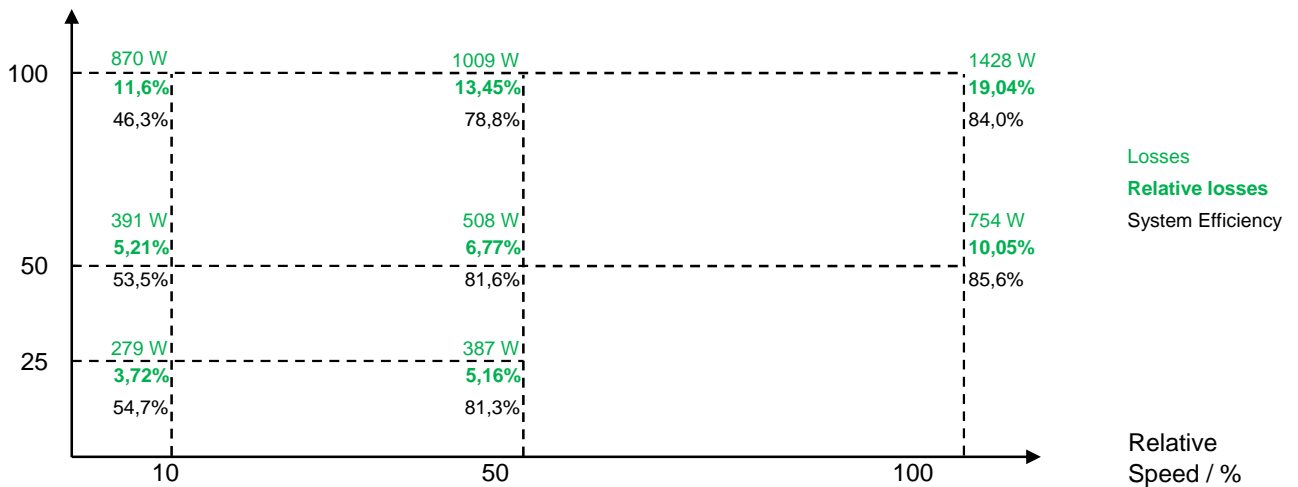
Standby losses : **17 W**

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

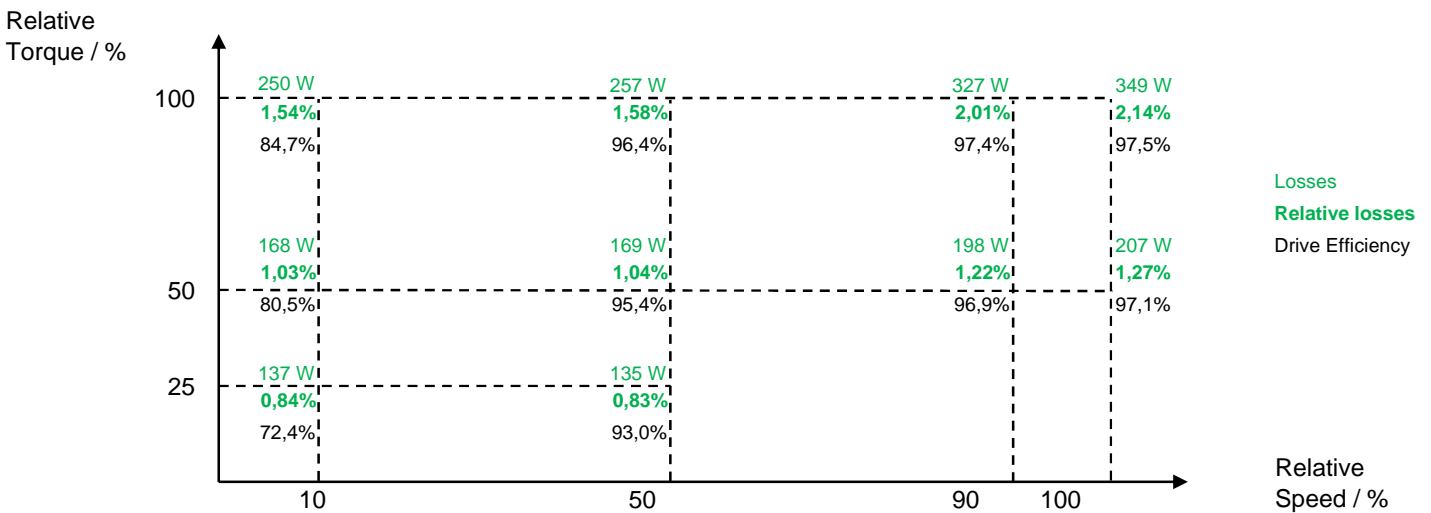
Reference : **ATV650D15N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 11 kW / 15 HP
 Overload : Heavy Duty
 Nominal current : 23,5 A
 Nominal apparent power : 16,3 kVA
 Nominal frequency : 50 Hz

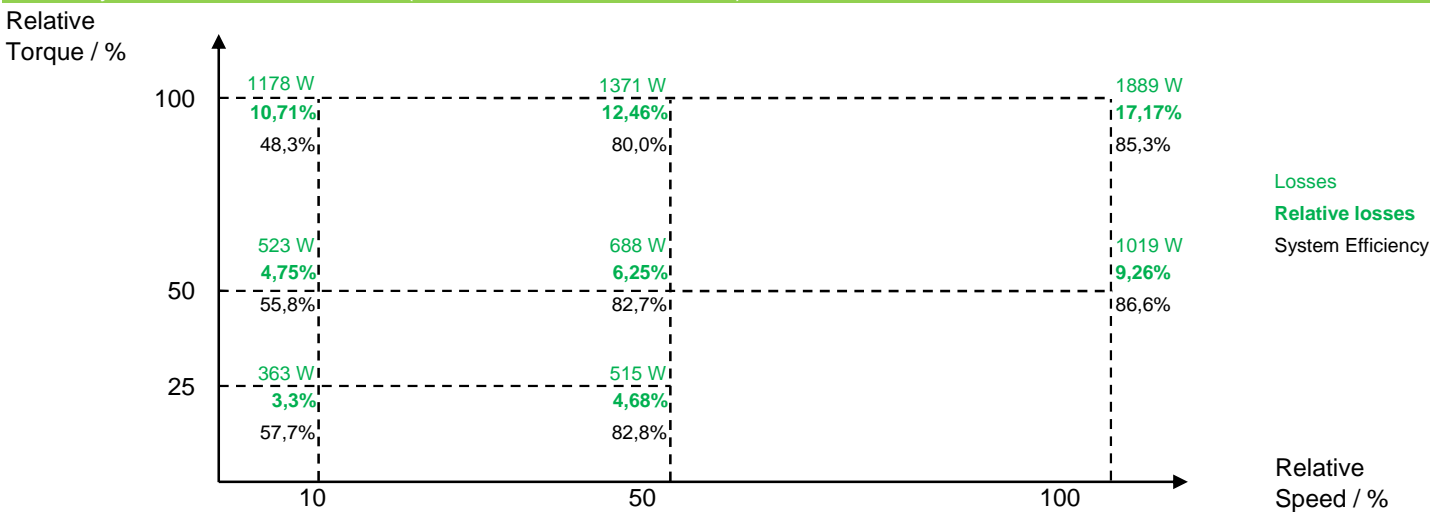


Efficiency data for the Drive

Standby losses : 23 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

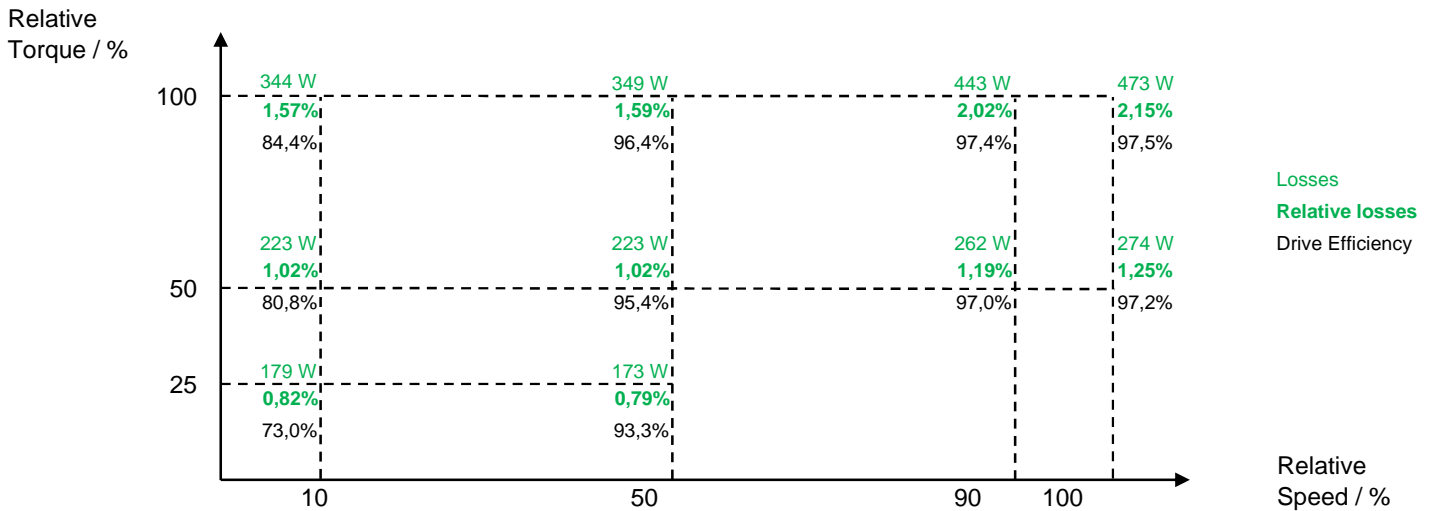
Reference : **ATV650D18N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 15 kW / 20 HP
 Overload : Heavy Duty
 Nominal current : 31,7 A
 Nominal apparent power : 22 kVA
 Nominal frequency : 50 Hz

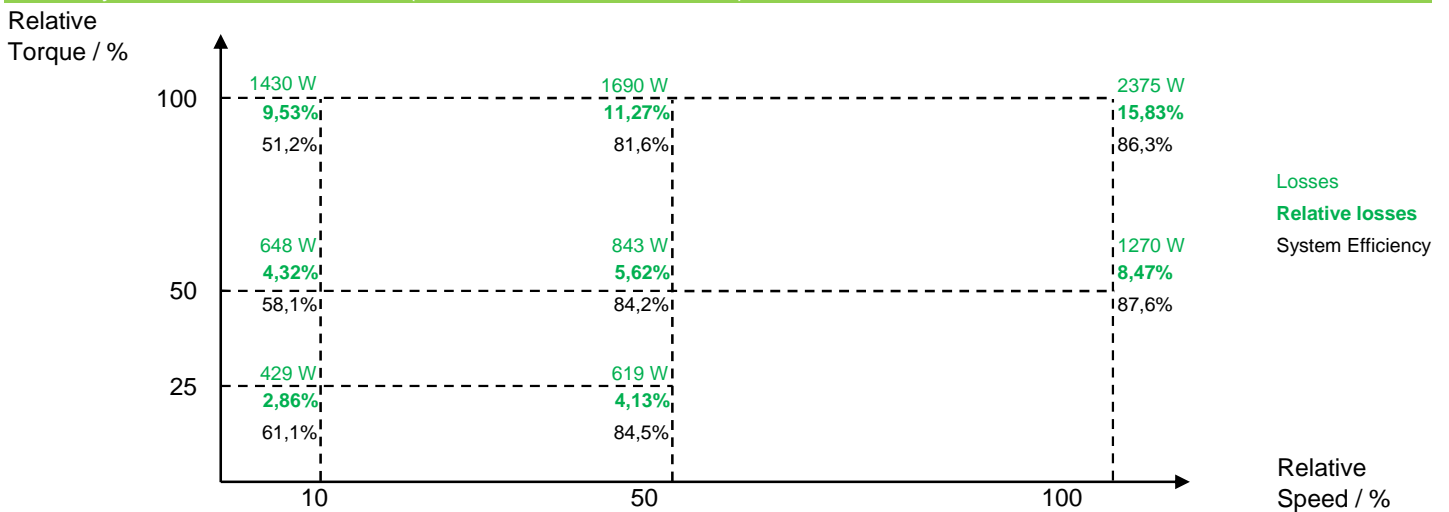


Efficiency data for the Drive

Standby losses : 23 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

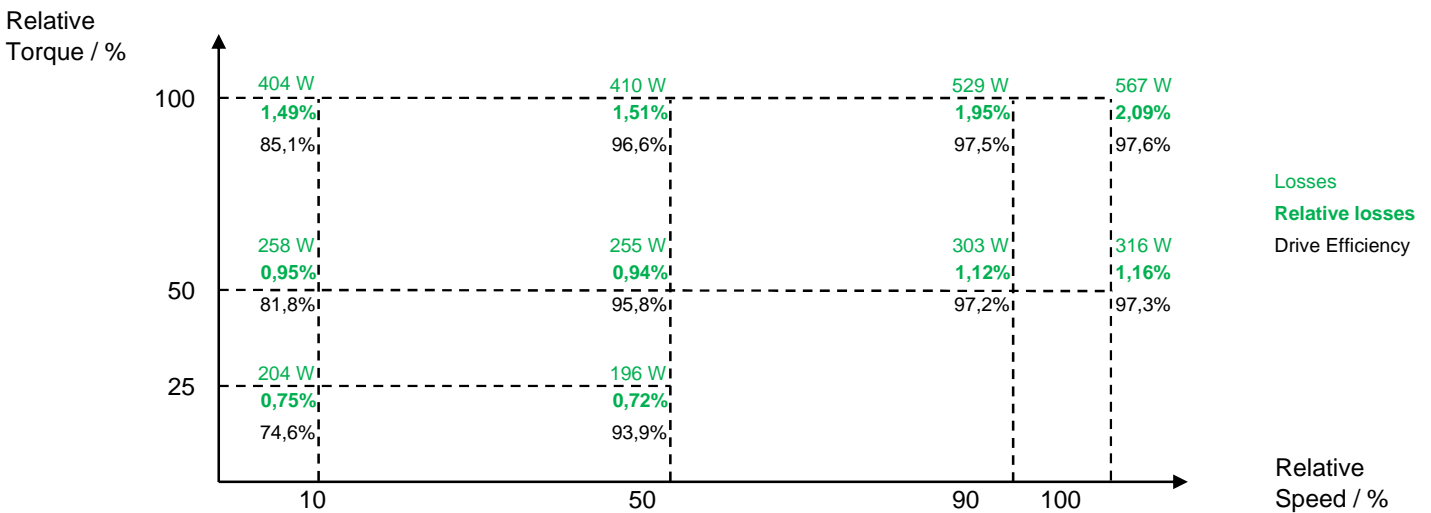
Reference : **ATV650D22N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 18,5 kW / 25 HP
 Overload : Heavy Duty
 Nominal current : 39,2 A
 Nominal apparent power : 27,2 kVA
 Nominal frequency : 50 Hz

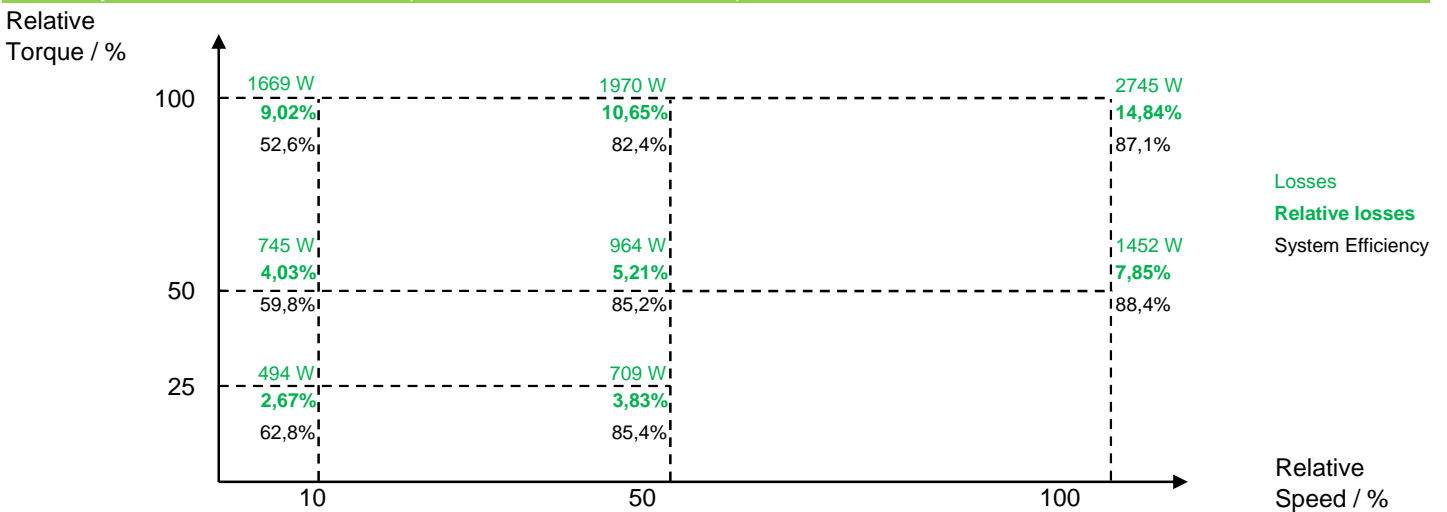


Efficiency data for the Drive

Standby losses : 23 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

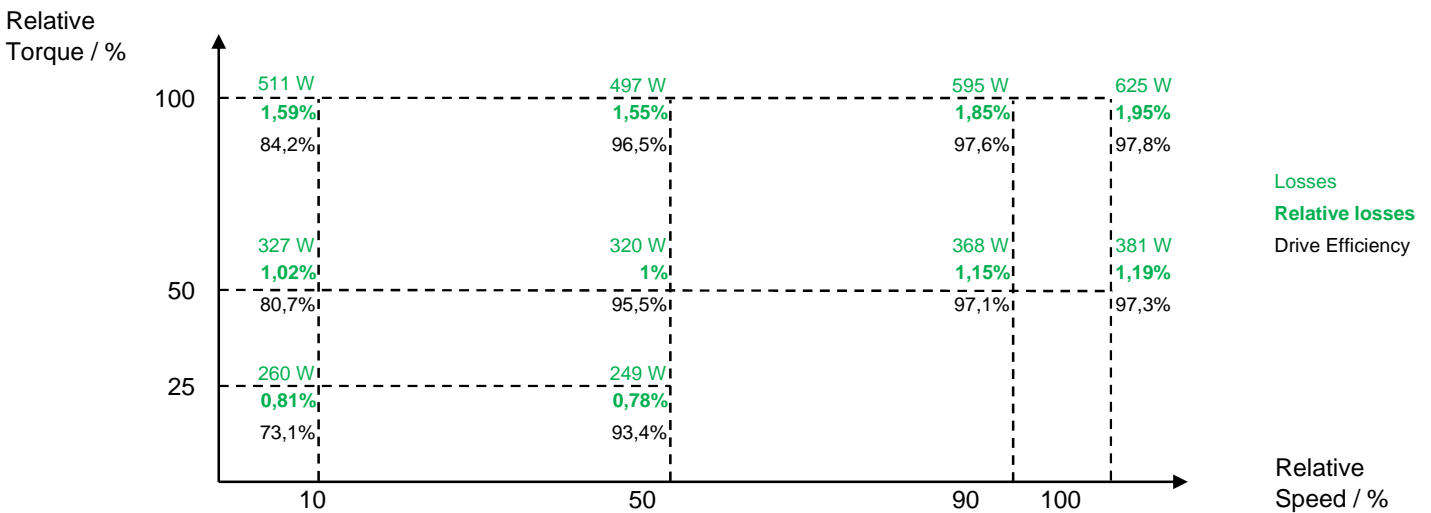
Reference : **ATV650D30N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 22 kW / 30 HP
 Overload : Heavy Duty
 Nominal current : 46,3 A
 Nominal apparent power : 32,1 kVA
 Nominal frequency : 50 Hz

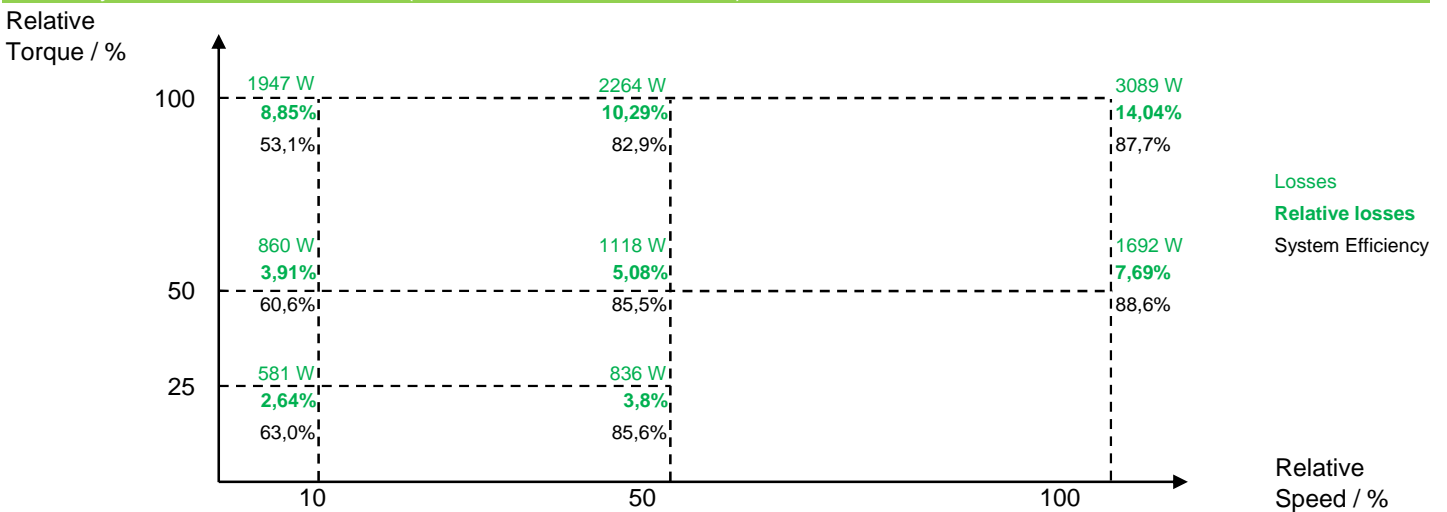


Efficiency data for the Drive

Standby losses : 31 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

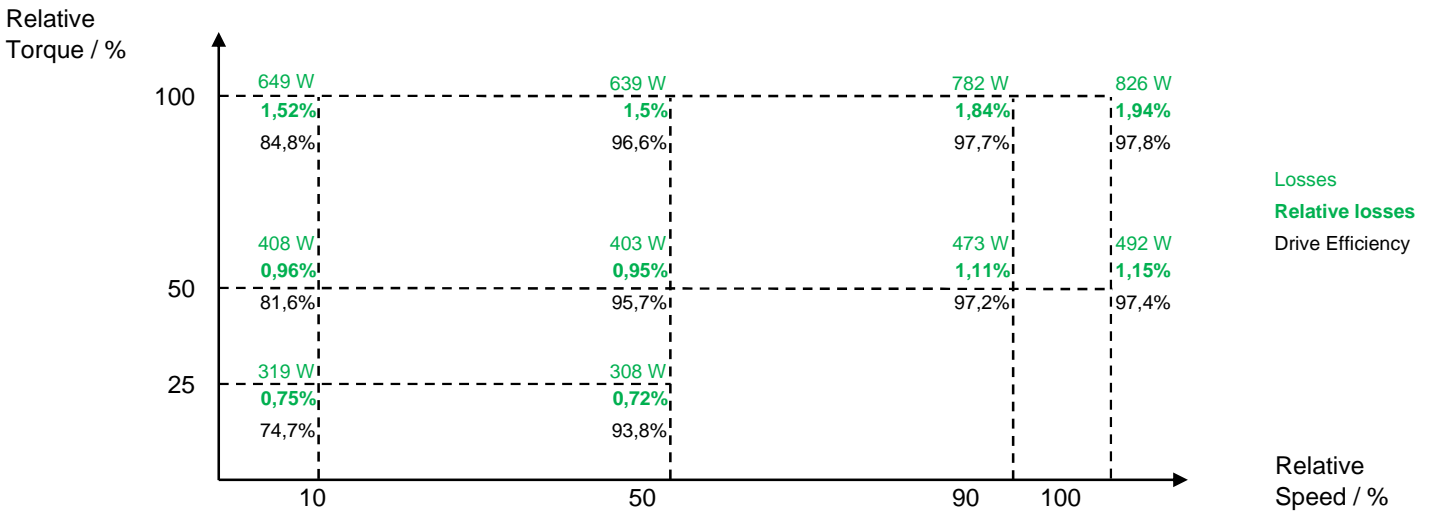
Reference : **ATV650D37N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 30 kW / 40 HP
 Overload : Heavy Duty
 Nominal current : 61,5 A
 Nominal apparent power : 42,6 kVA
 Nominal frequency : 50 Hz

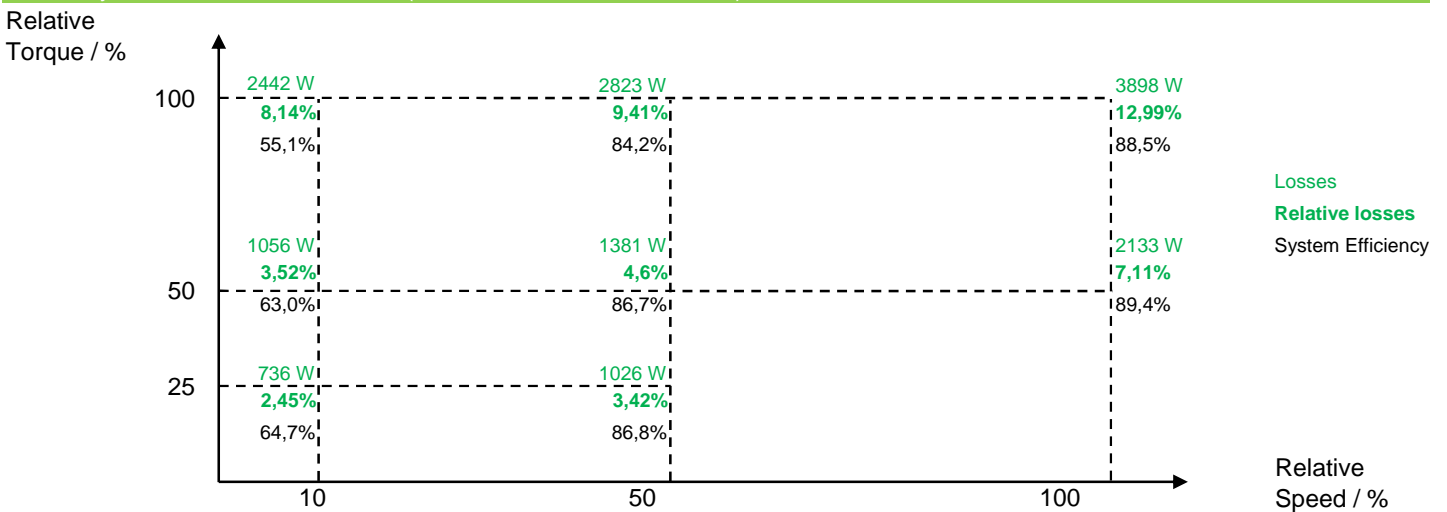


Efficiency data for the Drive

Standby losses : 31 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV650D45N4(E)**

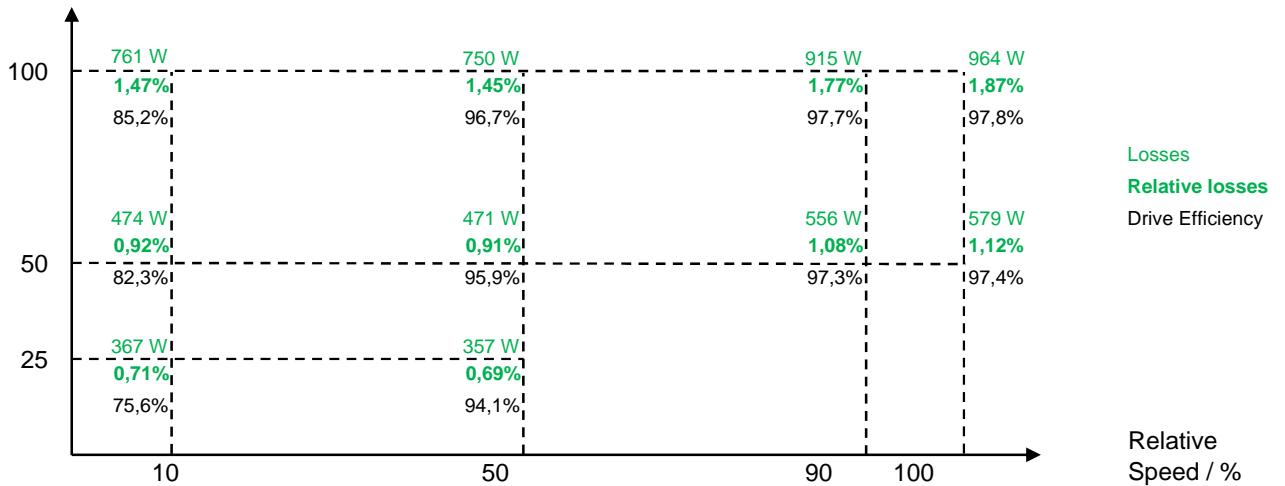


Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 37 kW / 50 HP
 Overload : Heavy Duty
 Nominal current : 74,5 A
 Nominal apparent power : 51,6 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

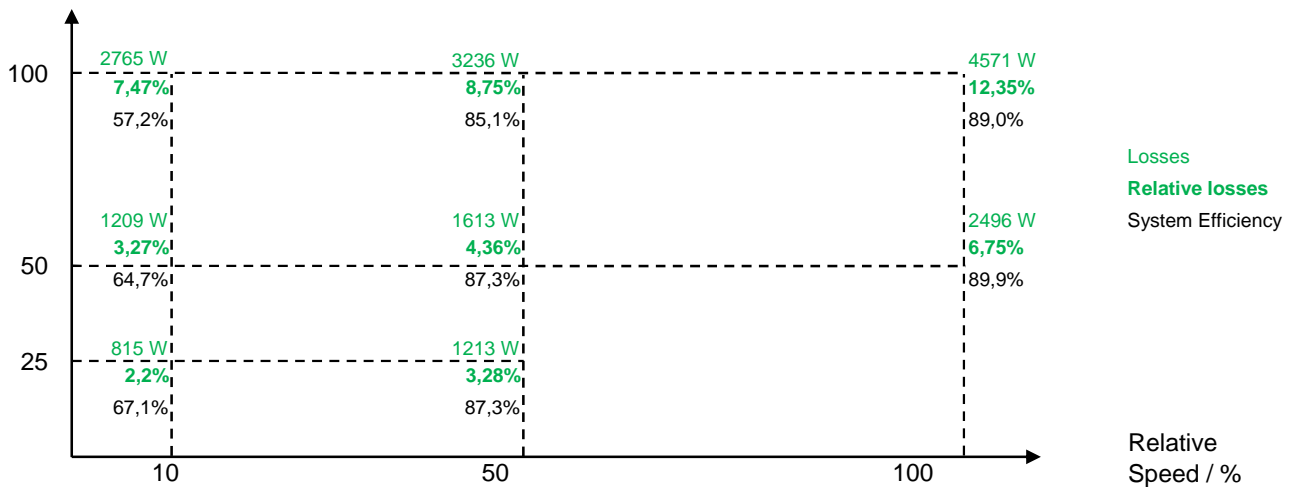
Standby losses : 31 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

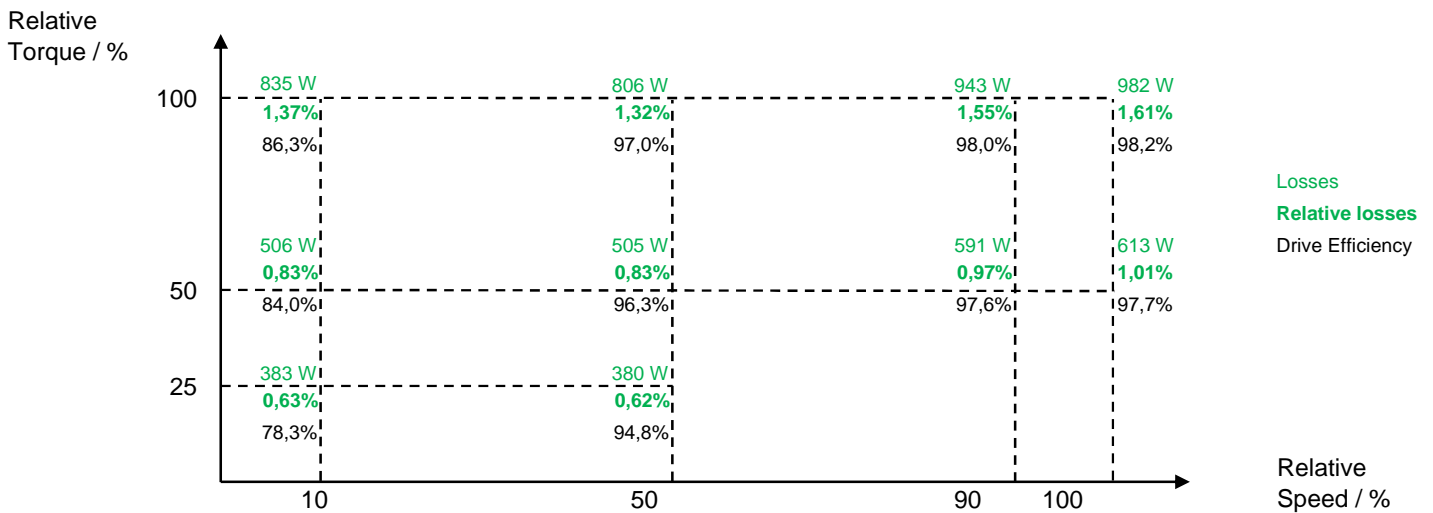
Reference : **ATV650D55N4(E)**



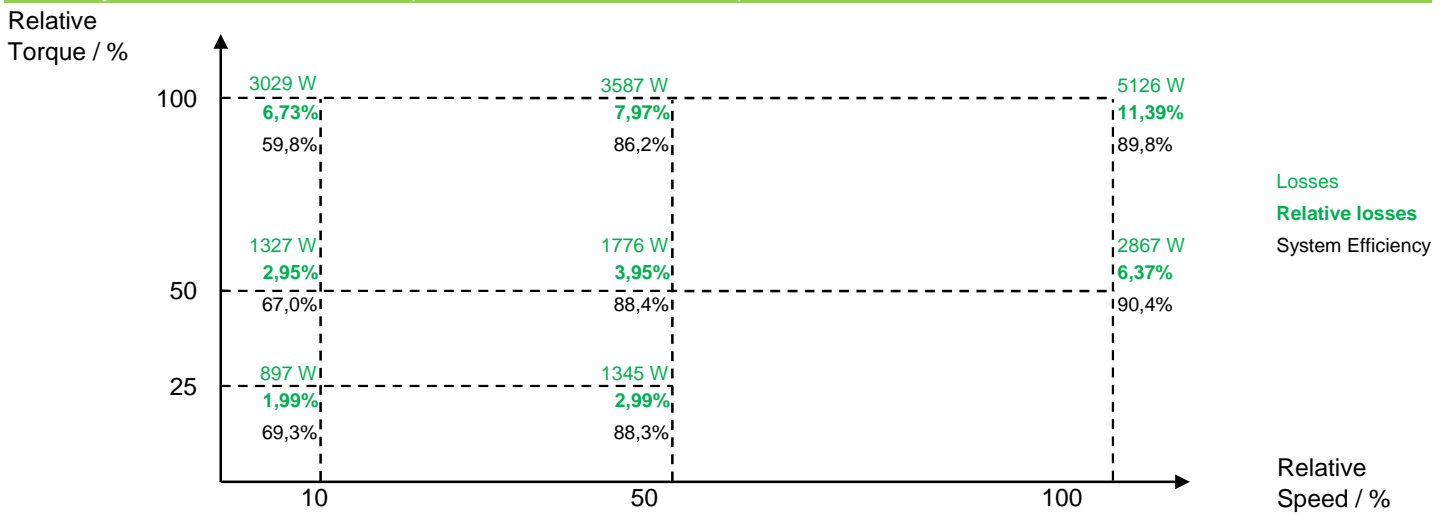
Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 45 kW / 60 HP
 Overload : Heavy Duty
 Nominal current : 88 A
 Nominal apparent power : 61 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

Standby losses : 32 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

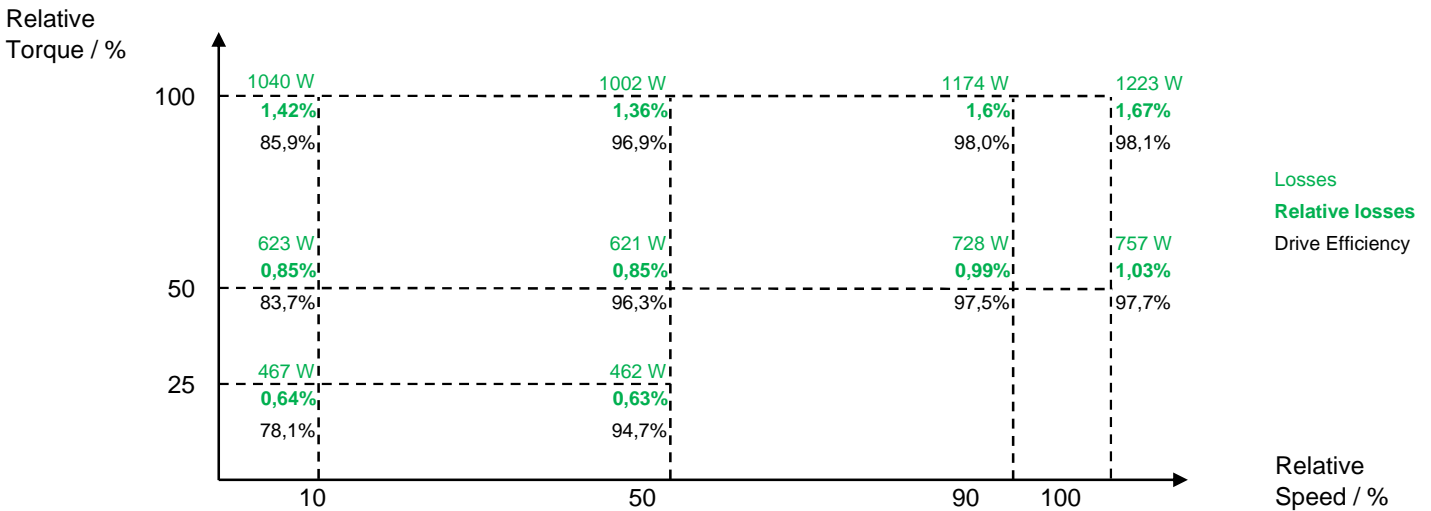
Reference : **ATV650D75N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 55 kW / 75 HP
 Overload : Heavy Duty
 Nominal current : 106 A
 Nominal apparent power : 73,4 kVA
 Nominal frequency : 50 Hz

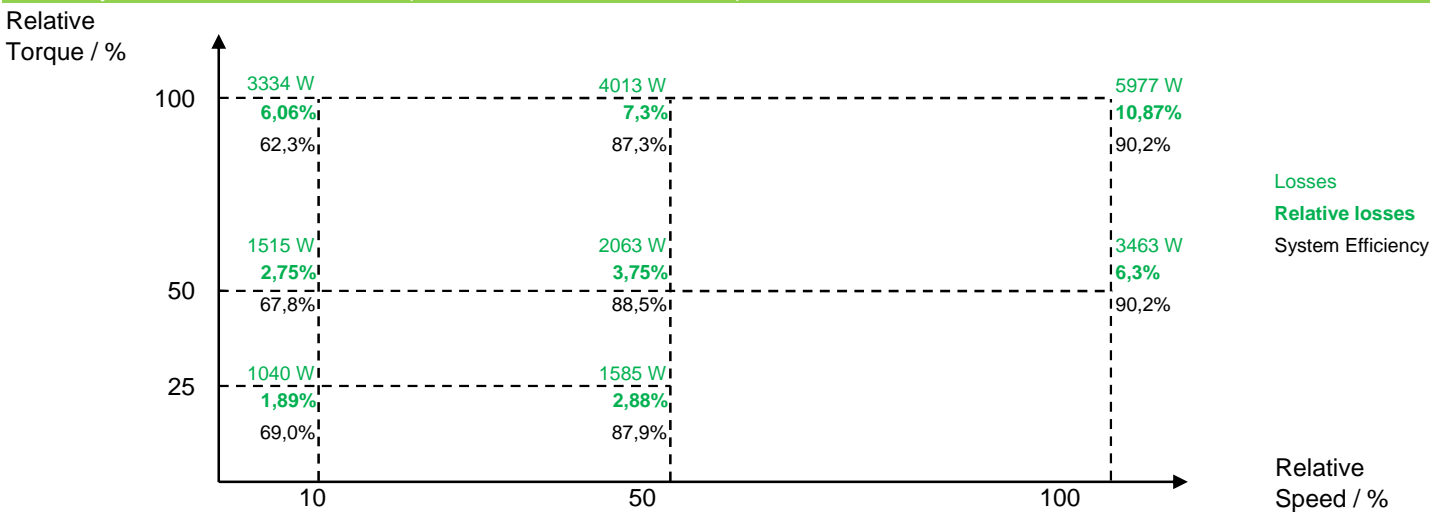


Efficiency data for the Drive

Standby losses : 32 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

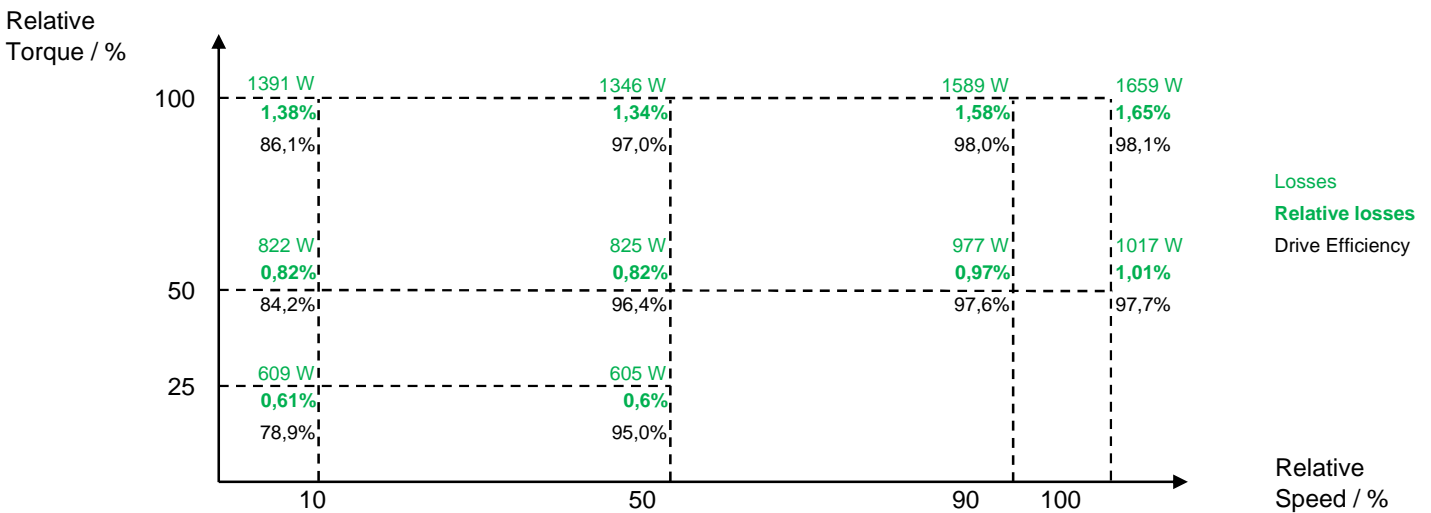
Reference : **ATV650D90N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 75 kW / 100 HP
 Overload : Heavy Duty
 Nominal current : 145 A
 Nominal apparent power : 100,5 kVA
 Nominal frequency : 50 Hz

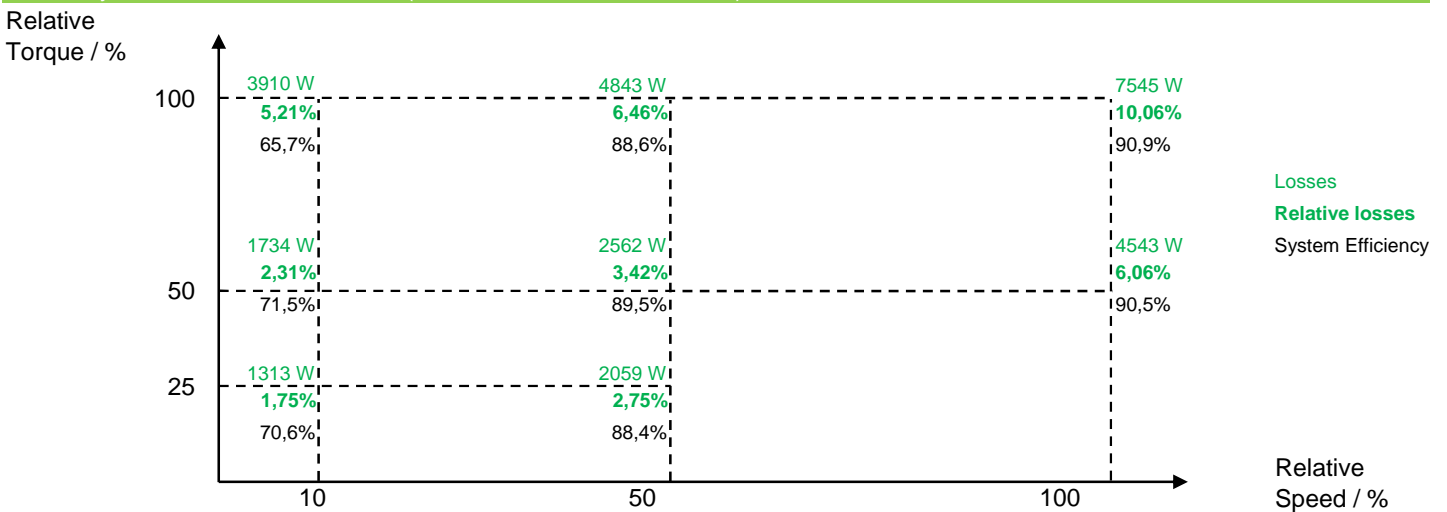


Efficiency data for the Drive

Standby losses : 32 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV650C11N4F**

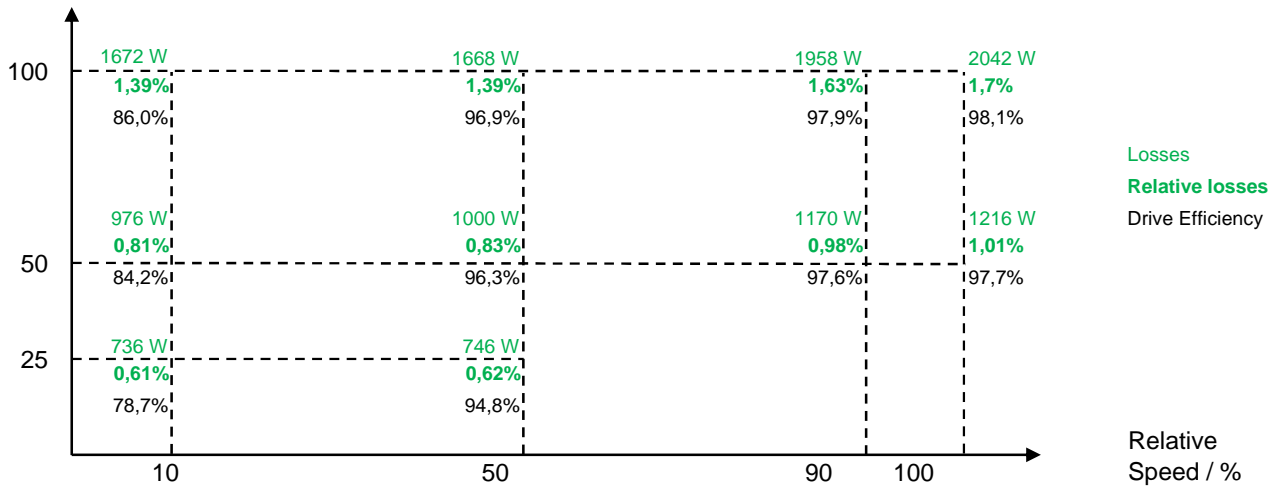
Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 90 kW / - HP
 Overload : Heavy Duty
 Nominal current : 173 A
 Nominal apparent power : 119,9 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

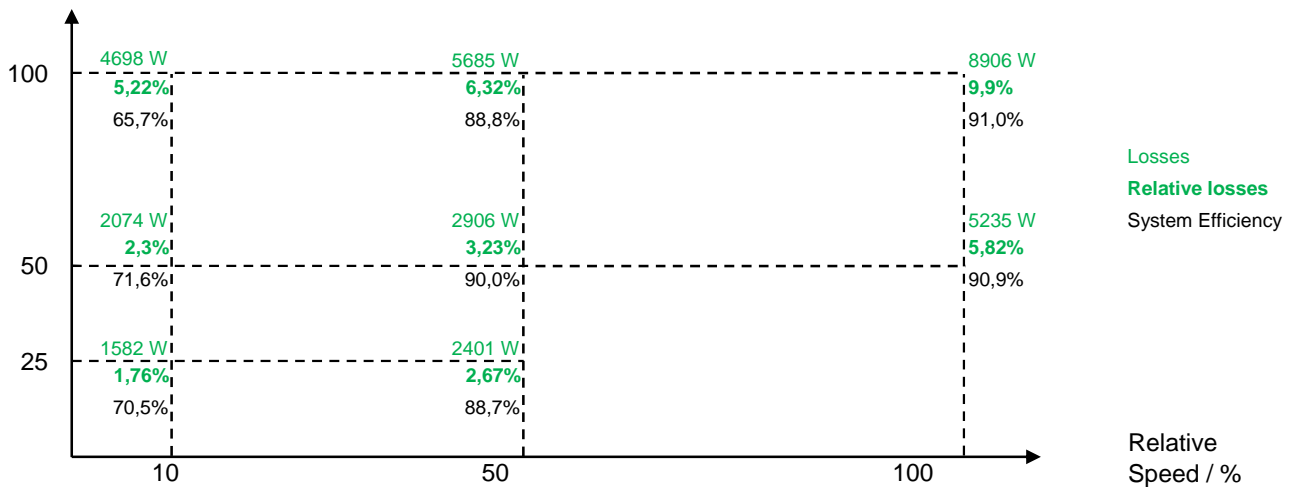
Standby losses : 74 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV650C13N4F**

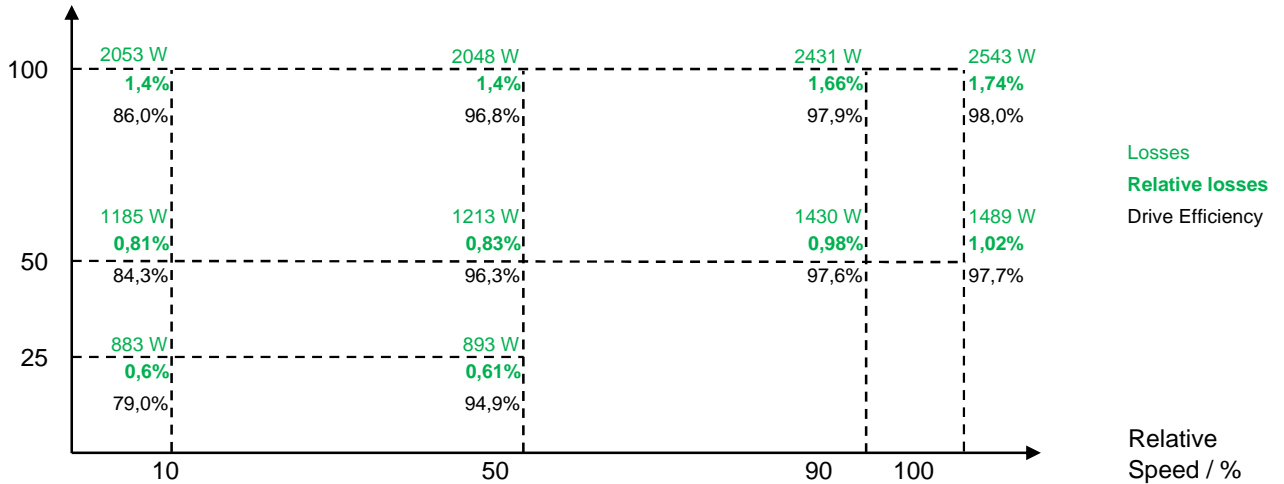


Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 110 kW / - HP
 Overload : Heavy Duty
 Nominal current : 211 A
 Nominal apparent power : 146,2 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

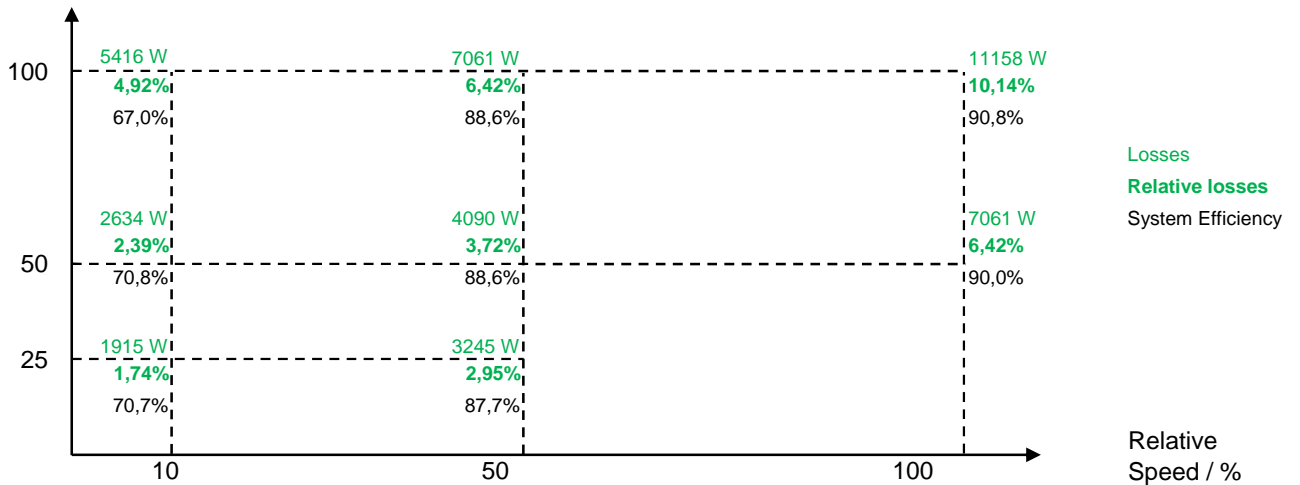
Standby losses : 74 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV650C16N4F**

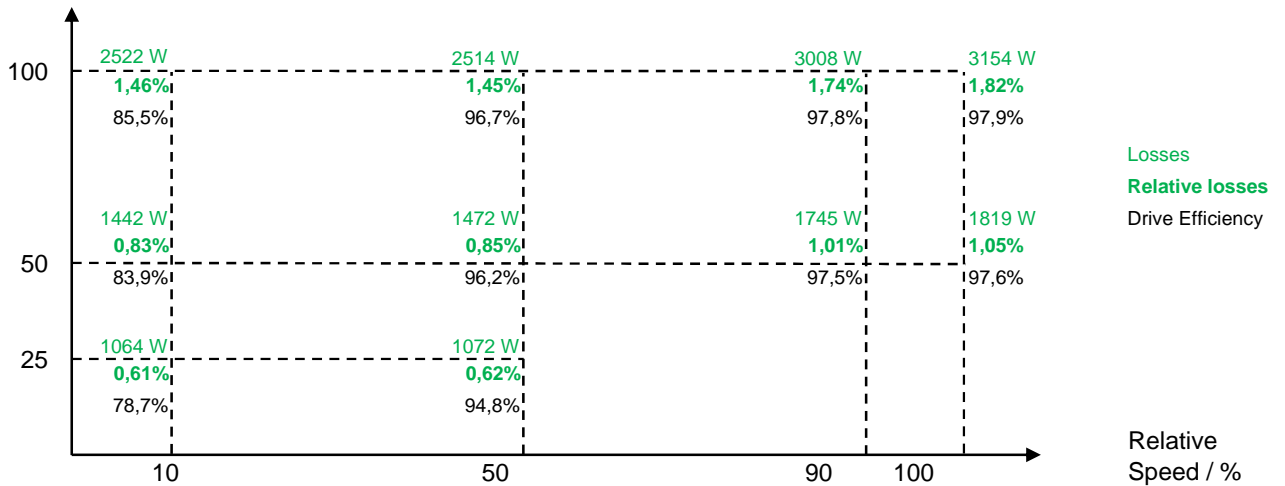
Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 132 kW / - HP
 Overload : Heavy Duty
 Nominal current : 250 A
 Nominal apparent power : 173,2 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

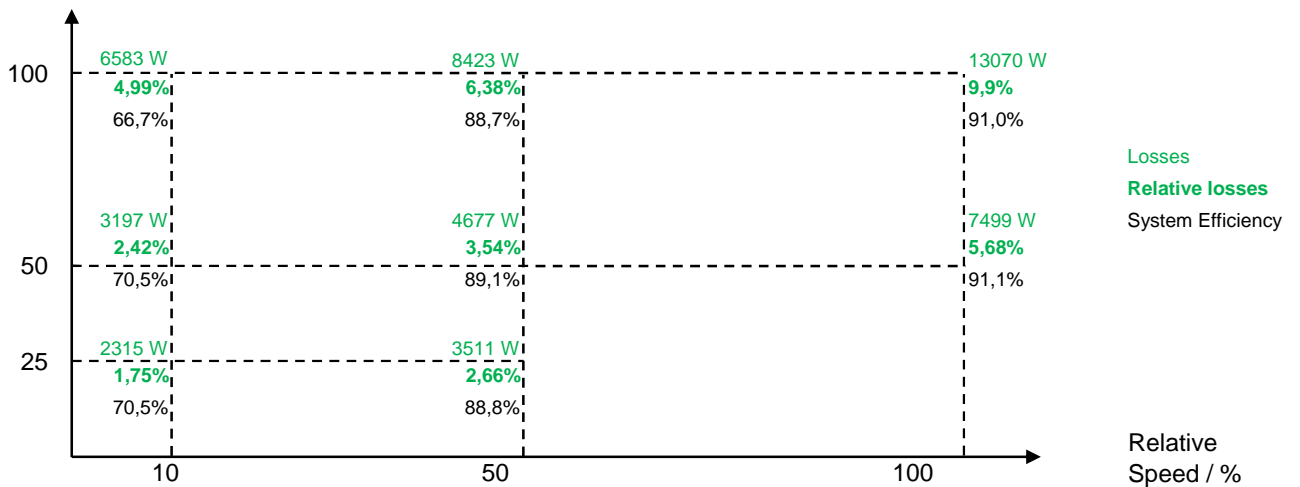
Standby losses : 74 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV650C20N4F**

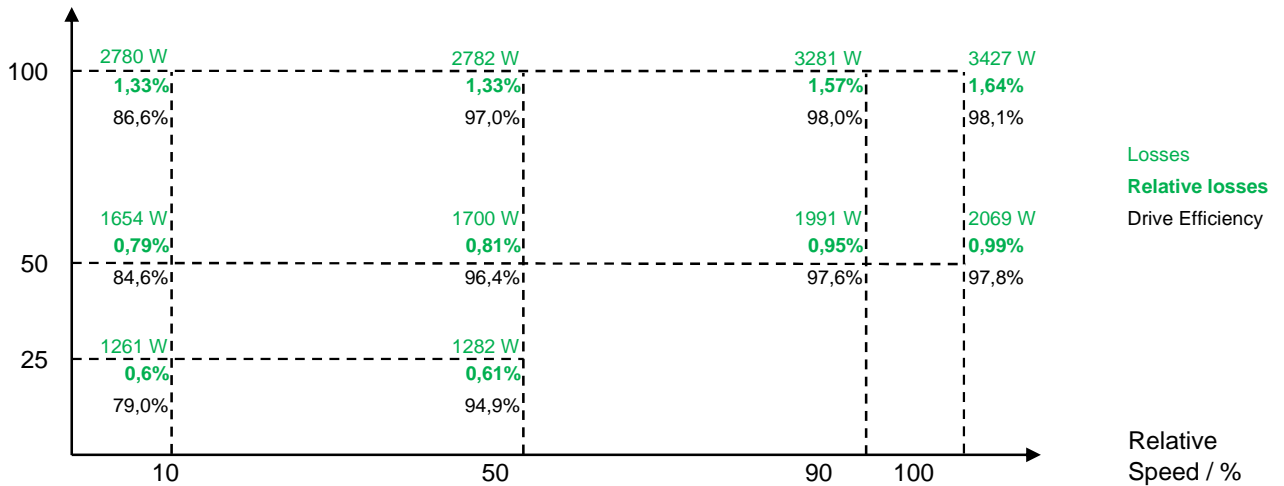


Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 160 kW / - HP
 Overload : Heavy Duty
 Nominal current : 302 A
 Nominal apparent power : 209,2 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

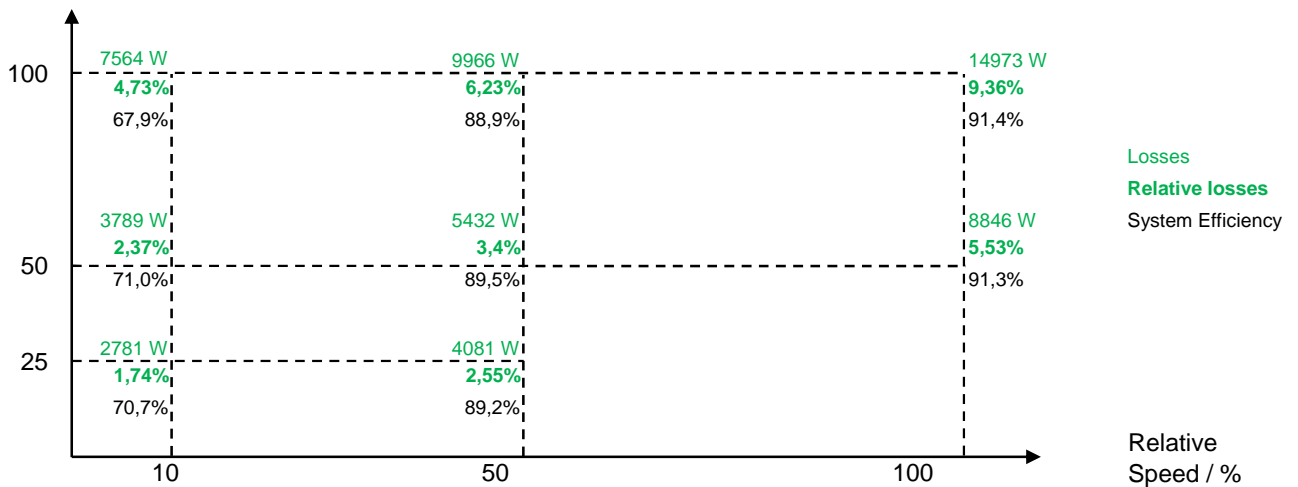
Standby losses : 143 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV650C25N4F**

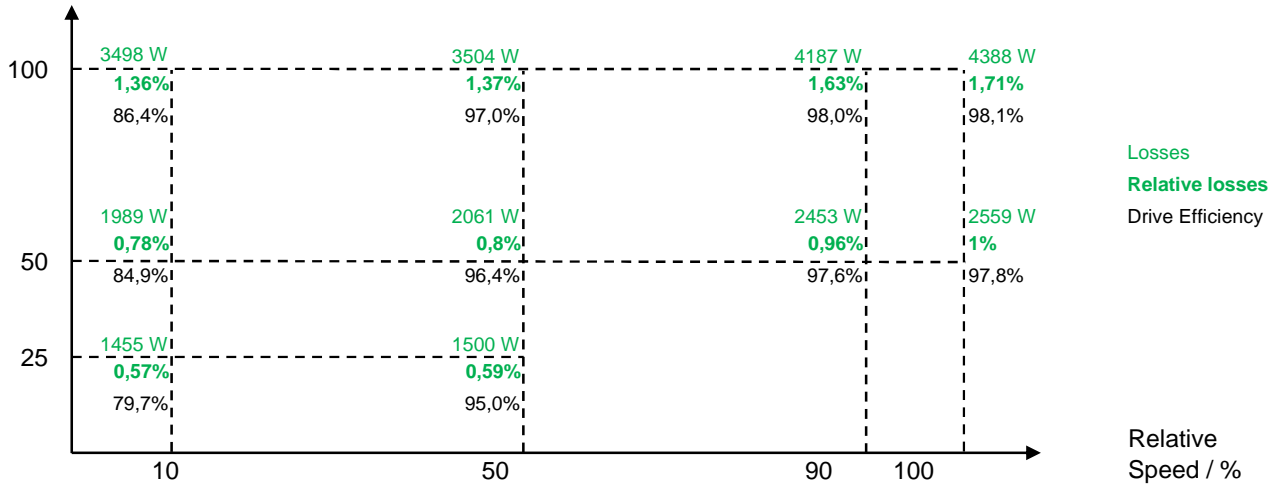


Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 200 kW / - HP
 Overload : Heavy Duty
 Nominal current : 370 A
 Nominal apparent power : 256,3 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

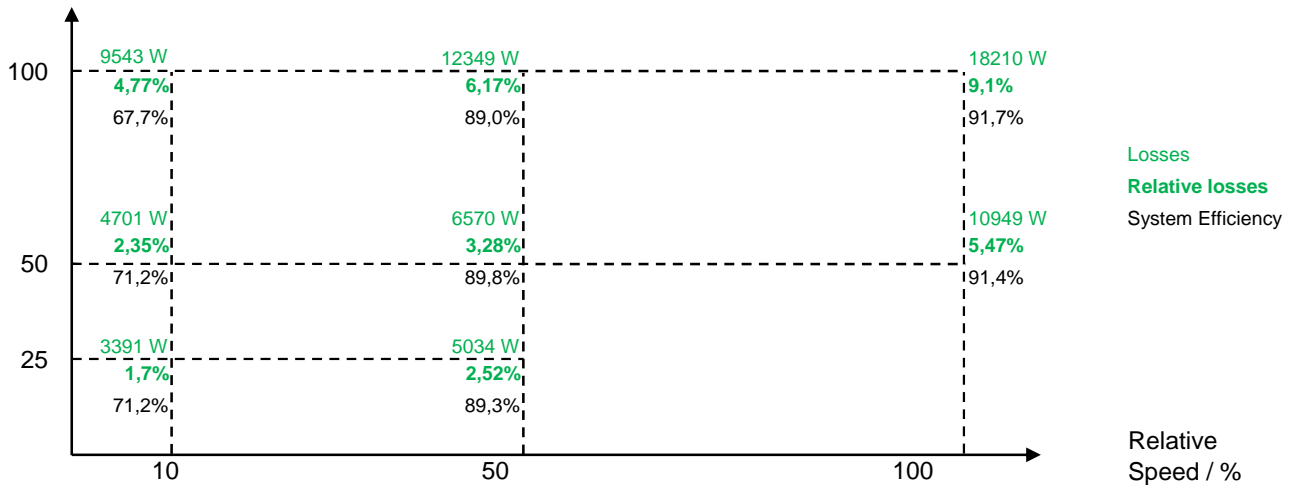
Standby losses : 143 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV650C31N4F**

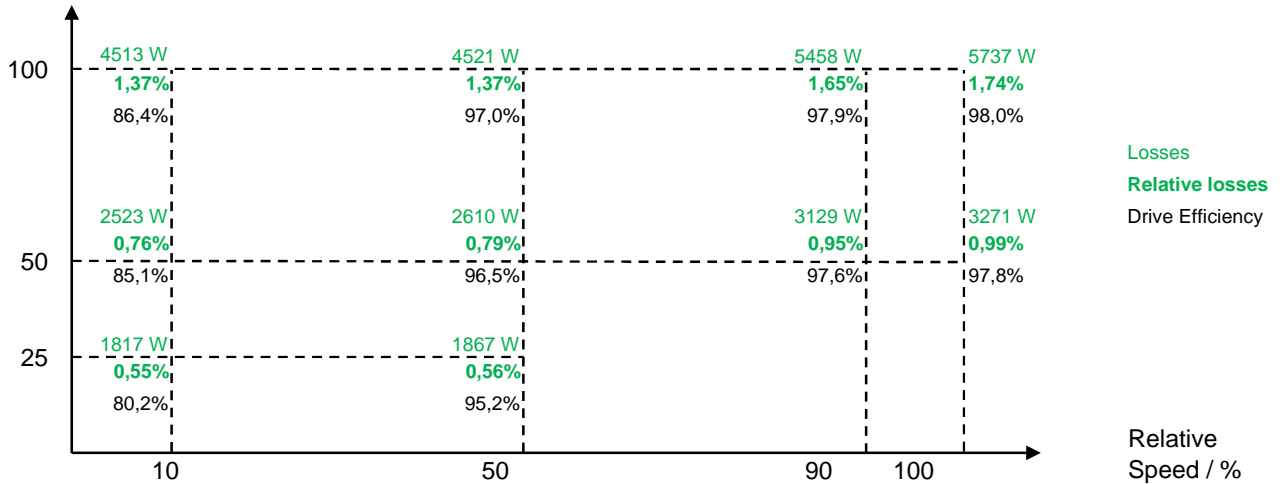


Series : Altivar Process ATV600
 Nominal voltage : 3x 400 VAC
 Nominal power : 250 kW / - HP
 Overload : Heavy Duty
 Nominal current : 477 A
 Nominal apparent power : 330,5 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

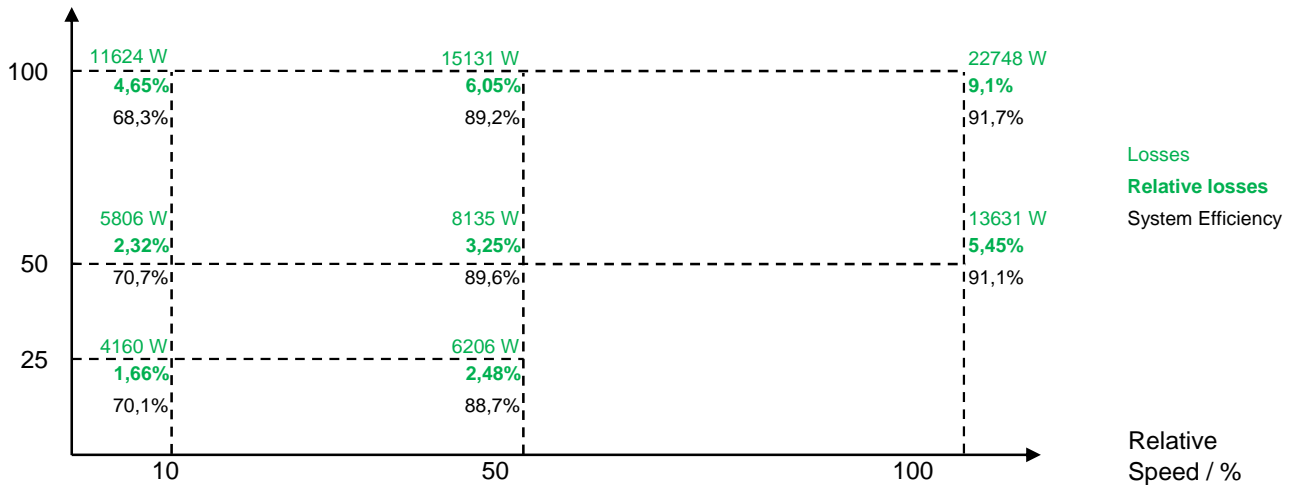
Standby losses : 142 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

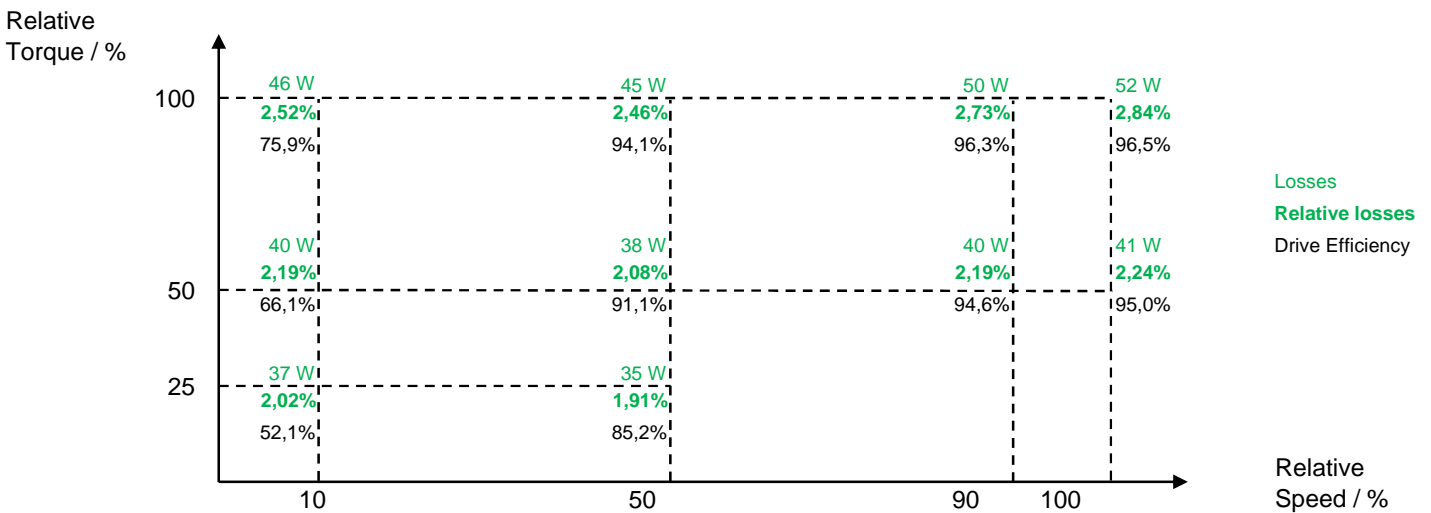
Reference : **ATV630U07N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 0,75 kW / 1 HP
 Overload : Normal Duty
 Nominal current : 2,2 A
 Nominal apparent power : 1,8 kVA
 Nominal frequency : 50 Hz

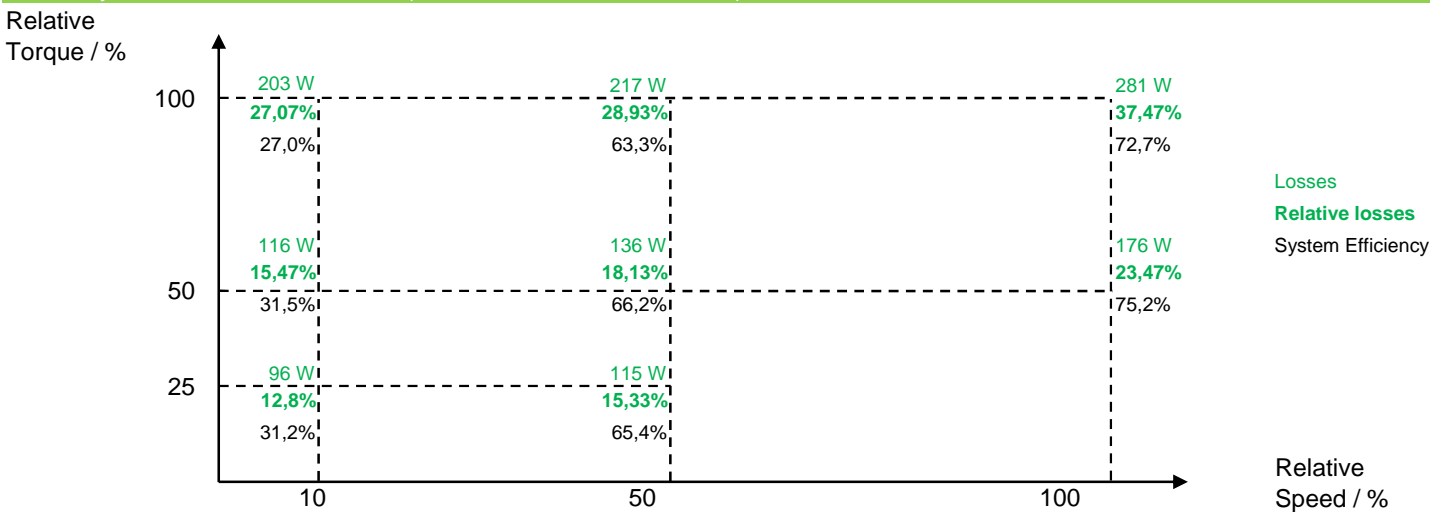


Efficiency data for the Drive

Standby losses : 15 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630U15N4**

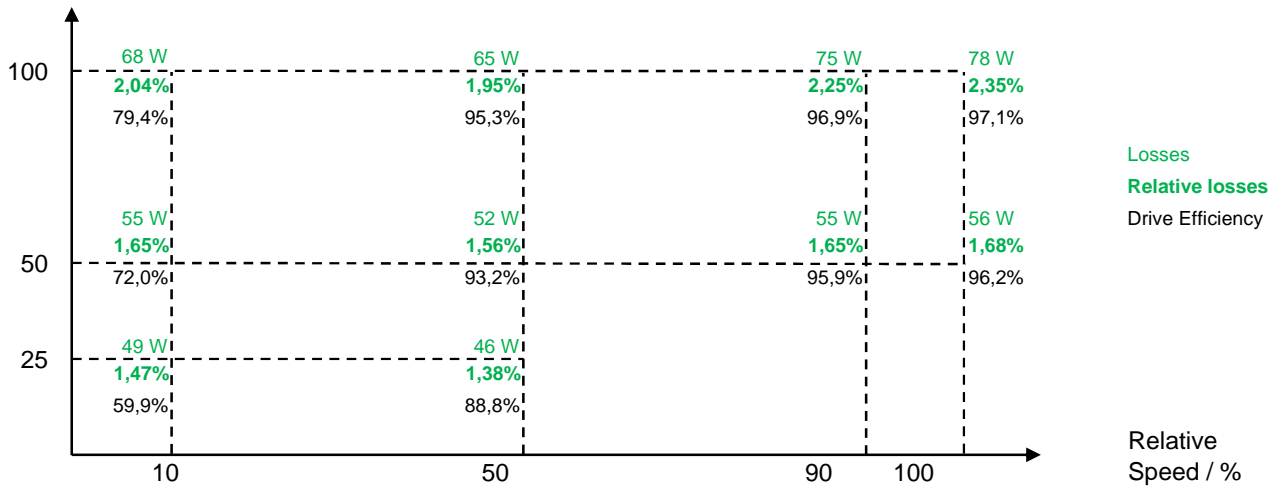


Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 1,5 kW / 2 HP
 Overload : Normal Duty
 Nominal current : 4 A
 Nominal apparent power : 3,3 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

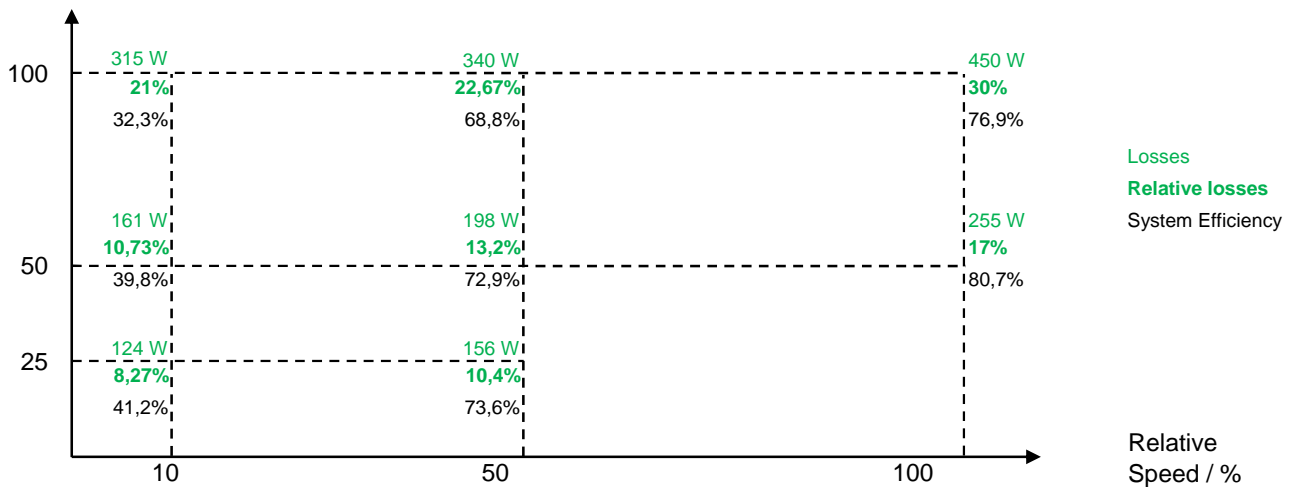
Standby losses : 15 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

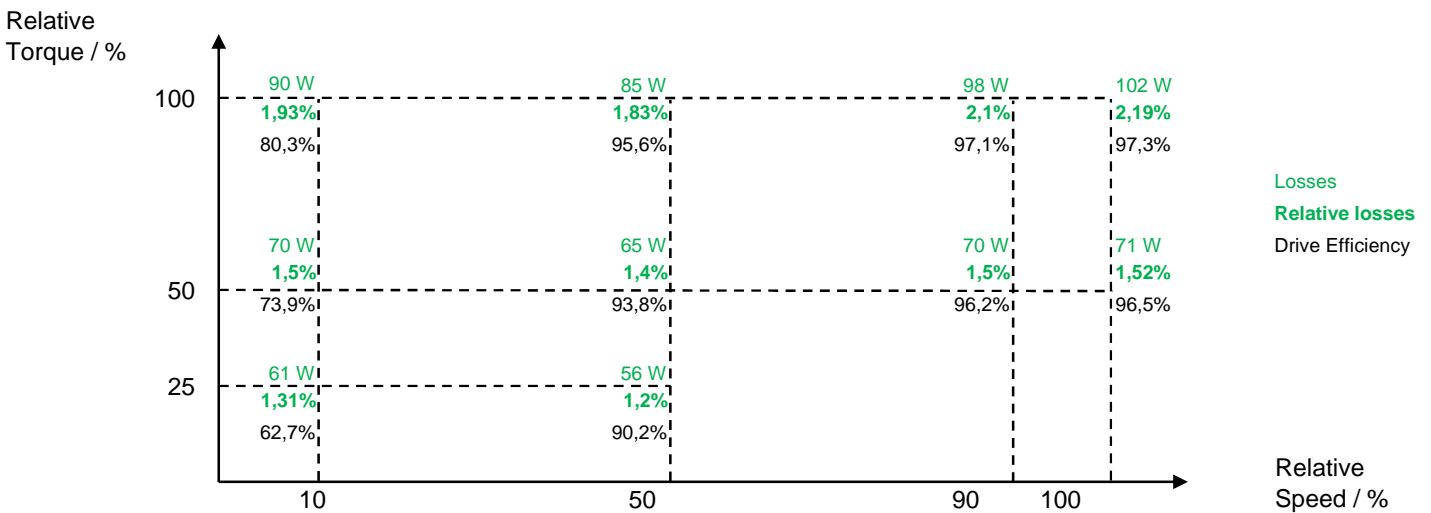
Reference : **ATV630U22N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 2,2 kW / 3 HP
 Overload : Normal Duty
 Nominal current : 5,6 A
 Nominal apparent power : 4,7 kVA
 Nominal frequency : 50 Hz

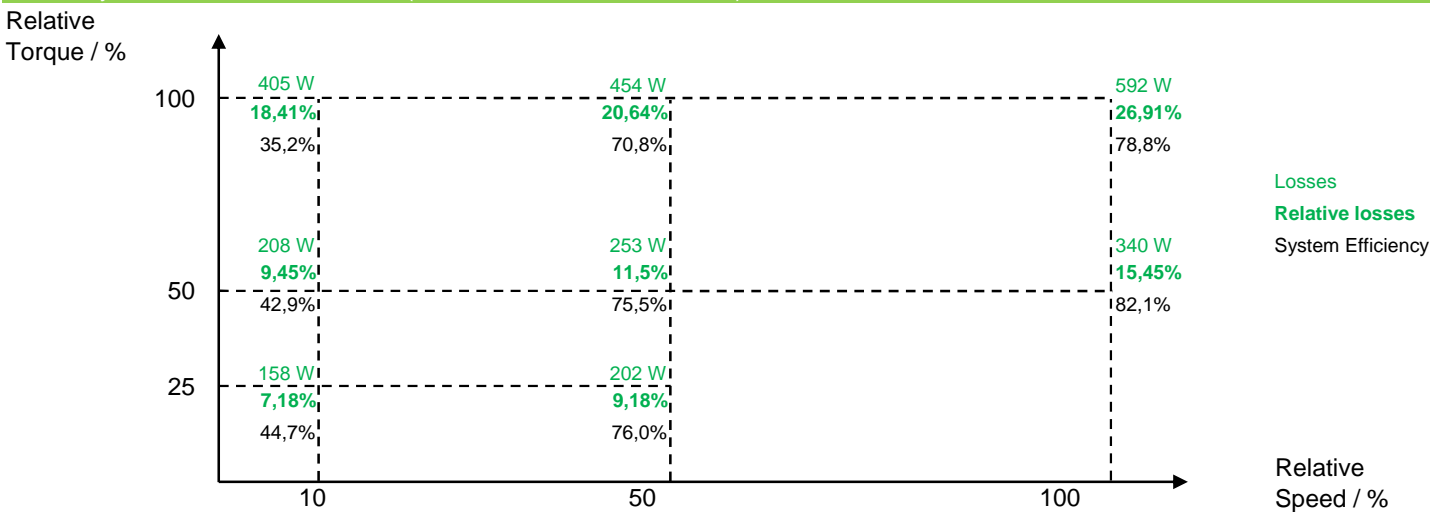


Efficiency data for the Drive

Standby losses : 15 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

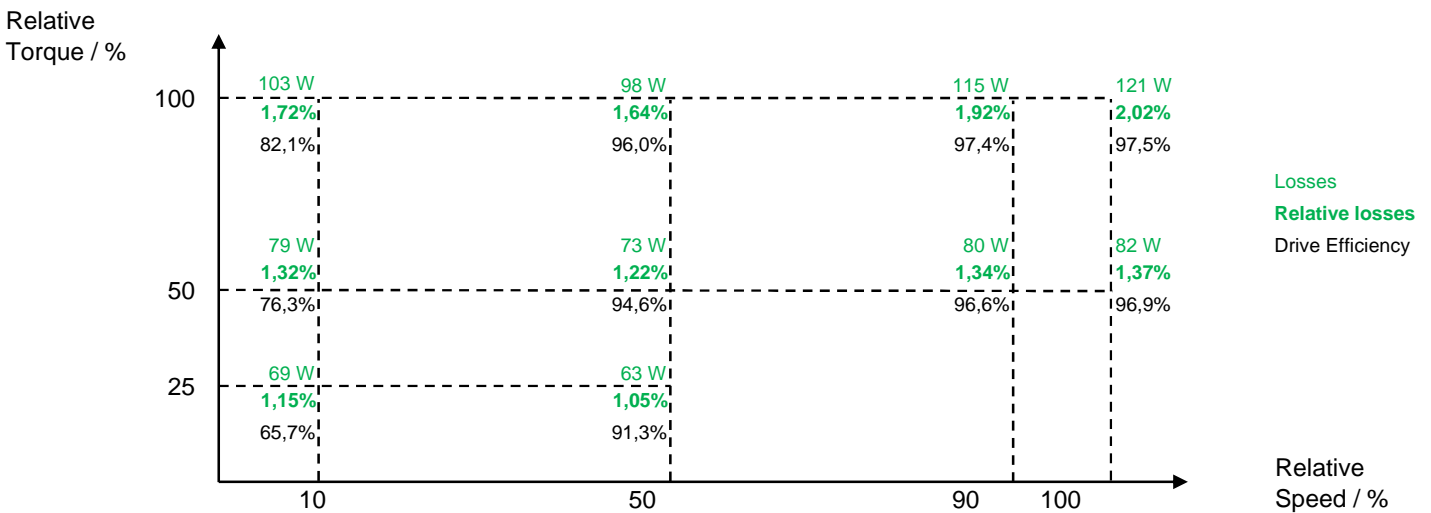
Reference : **ATV630U30N4**



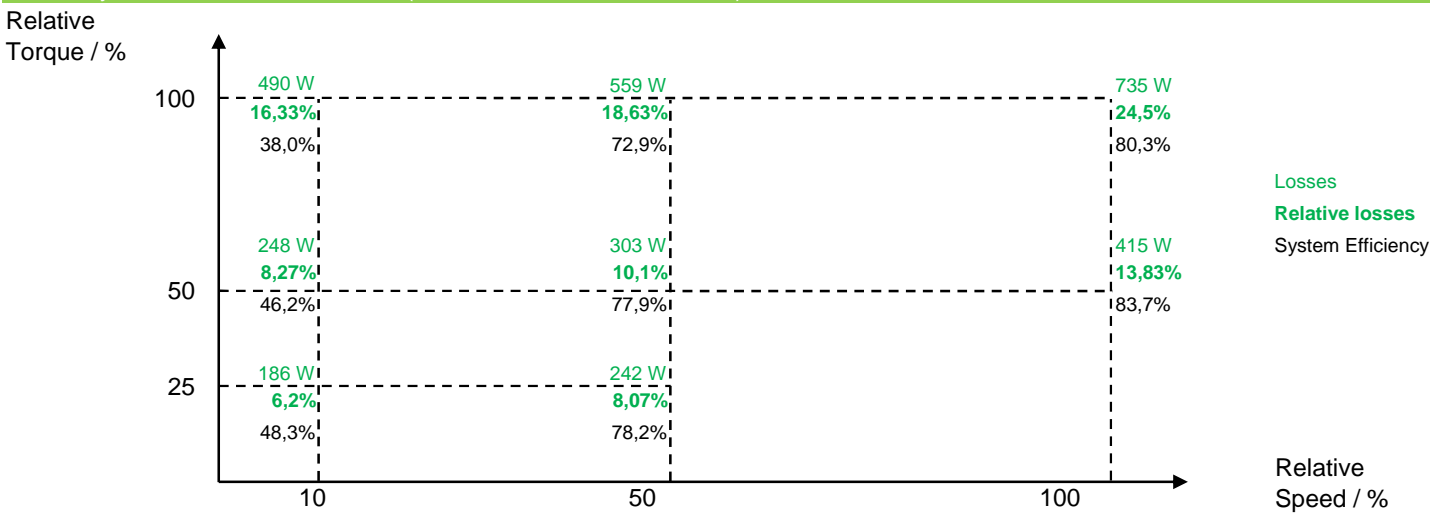
Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 3 kW / - HP
 Overload : Normal Duty
 Nominal current : 7,2 A
 Nominal apparent power : 6 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

Standby losses : 15 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

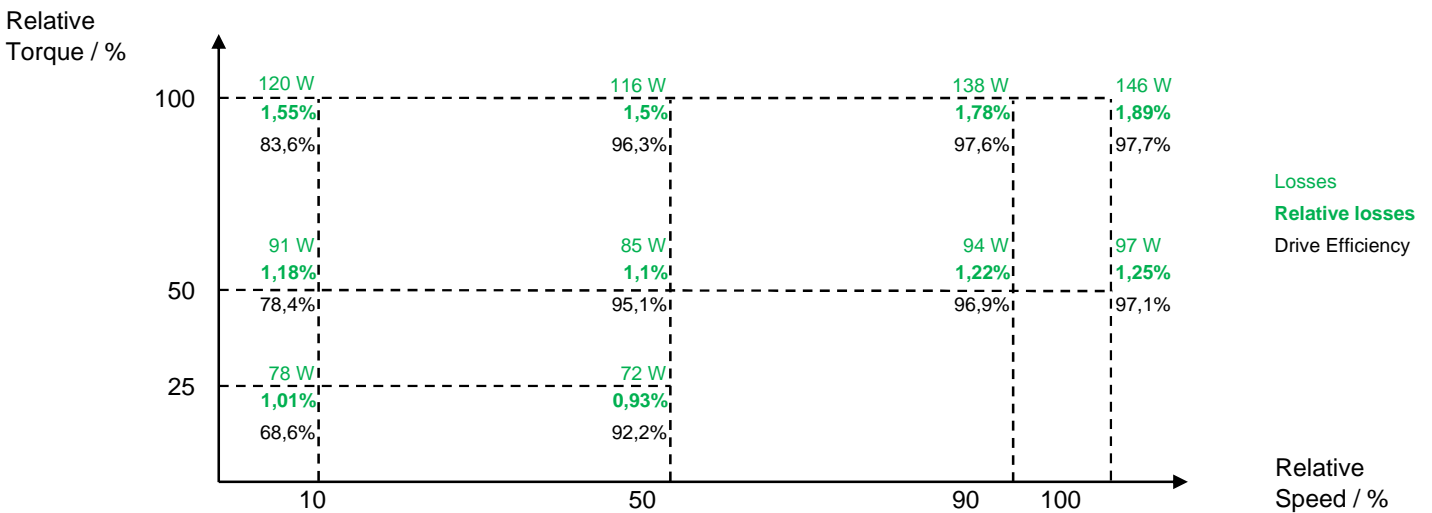
Reference : **ATV630U40N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 4 kW / 5 HP
 Overload : Normal Duty
 Nominal current : 9,3 A
 Nominal apparent power : 7,7 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

Standby losses : 15 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

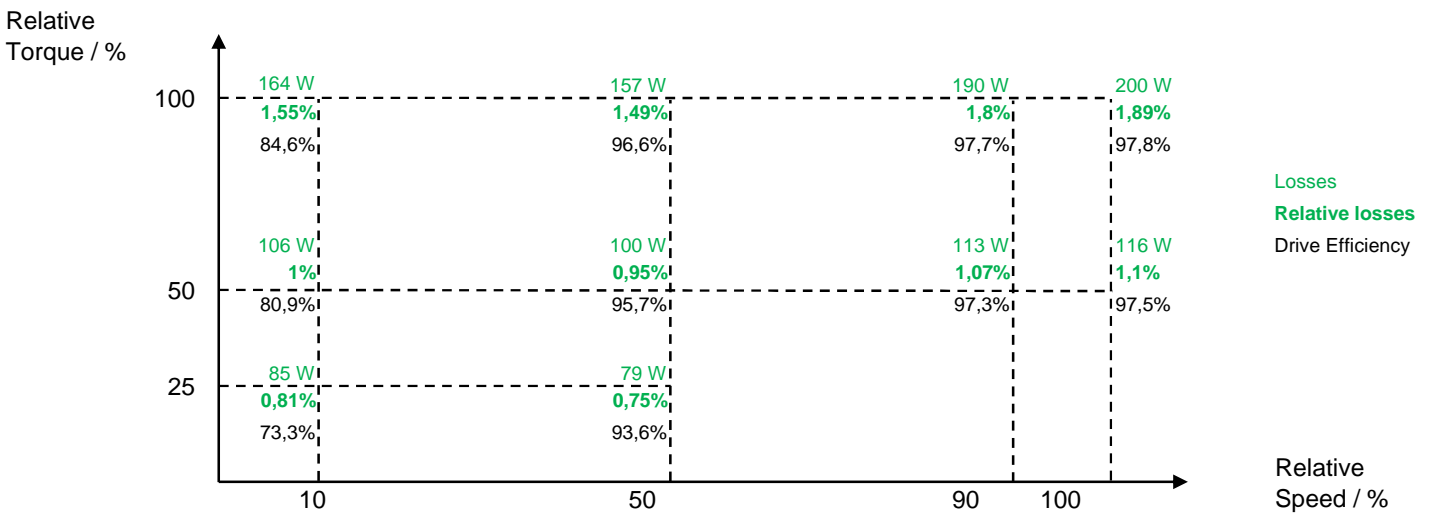
Reference : **ATV630U55N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 5,5 kW / 7,5 HP
 Overload : Normal Duty
 Nominal current : 12,7 A
 Nominal apparent power : 10,6 kVA
 Nominal frequency : 50 Hz

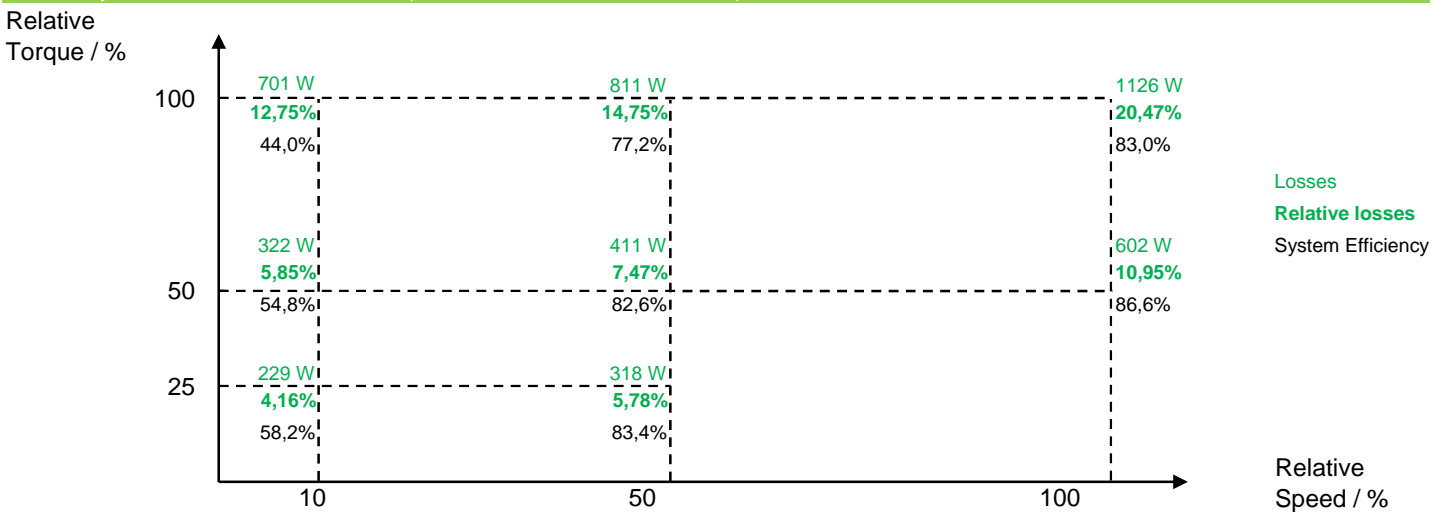


Efficiency data for the Drive

Standby losses : 15 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

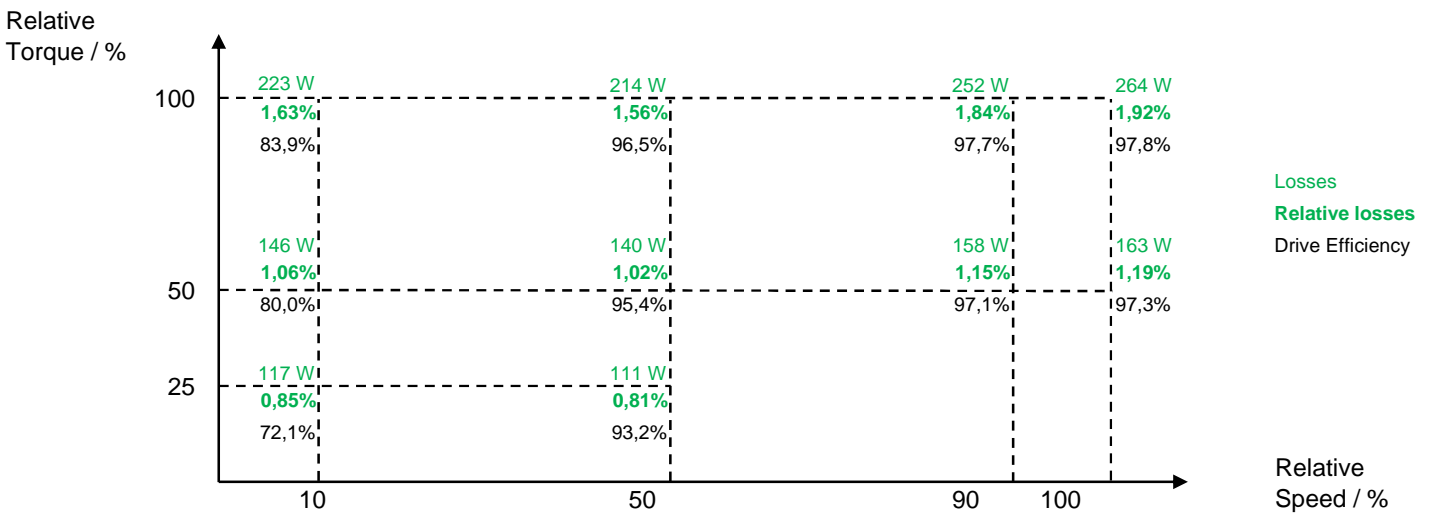
Reference : **ATV630U75N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 7,5 kW / 10 HP
 Overload : Normal Duty
 Nominal current : 16,5 A
 Nominal apparent power : 13,7 kVA
 Nominal frequency : 50 Hz

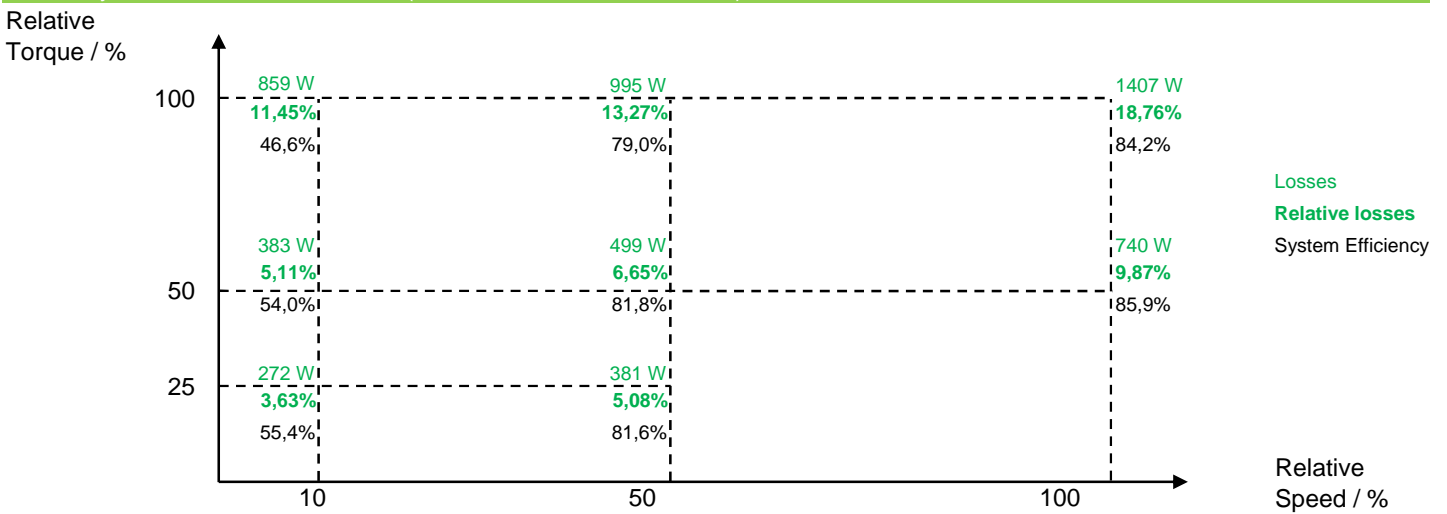


Efficiency data for the Drive

Standby losses : 19 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630D11N4**

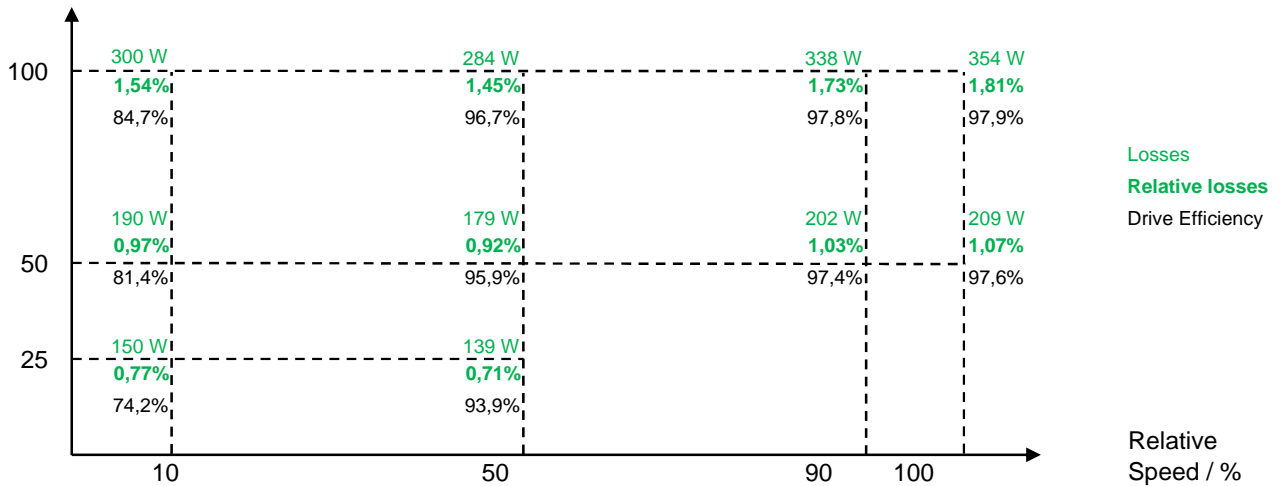
Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 11 kW / 15 HP
 Overload : Normal Duty
 Nominal current : 23,5 A
 Nominal apparent power : 19,5 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

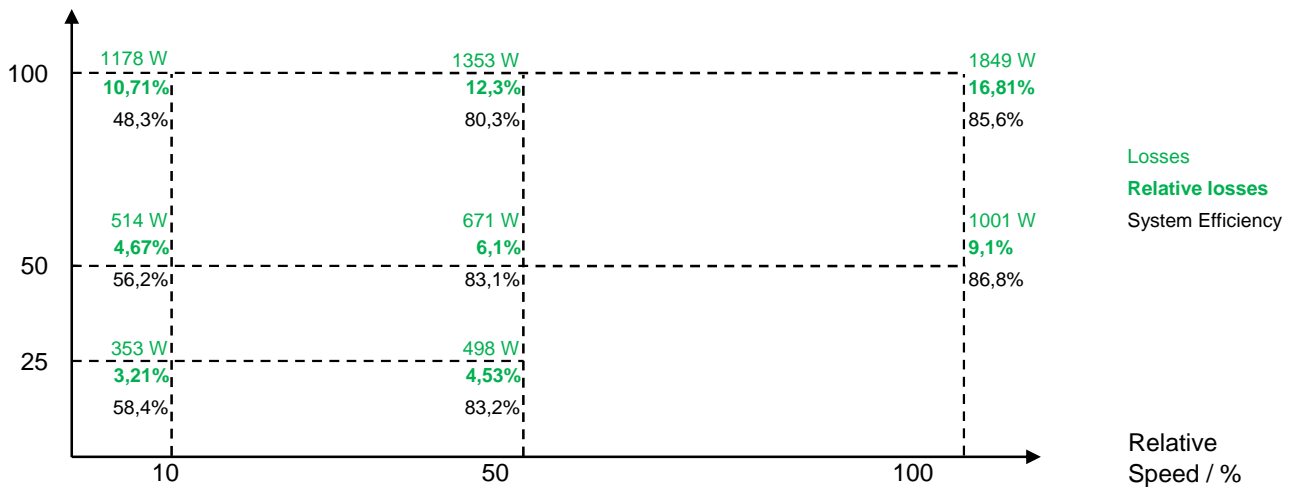
Standby losses : 19 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

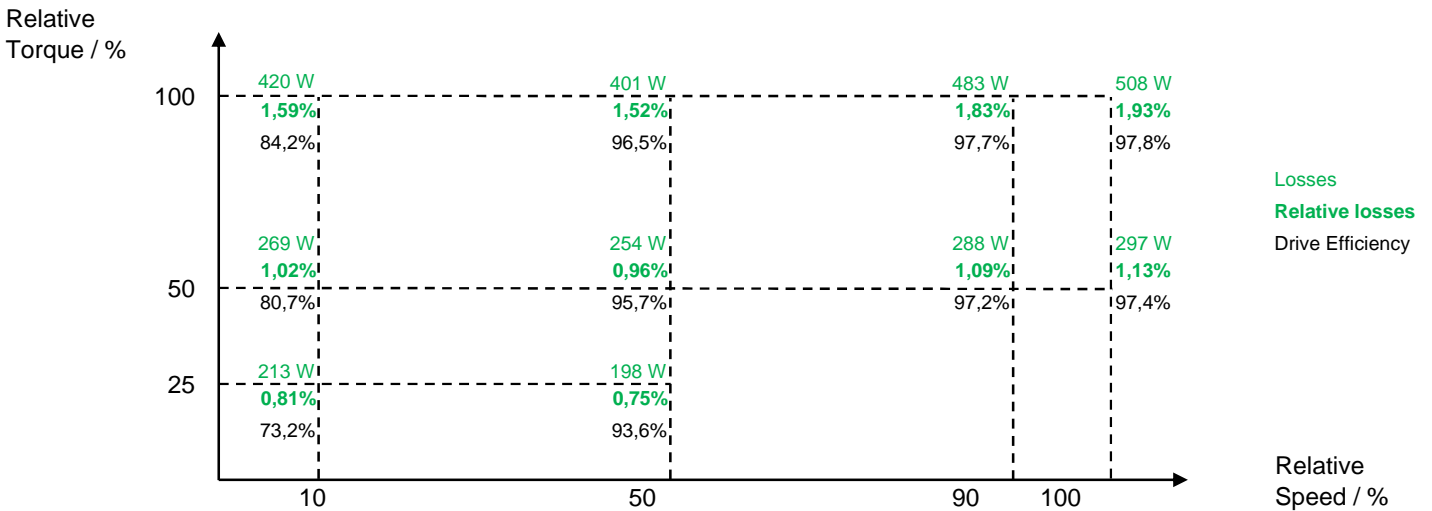
Reference : **ATV630D15N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 15 kW / 20 HP
 Overload : Normal Duty
 Nominal current : 31,7 A
 Nominal apparent power : 26,4 kVA
 Nominal frequency : 50 Hz

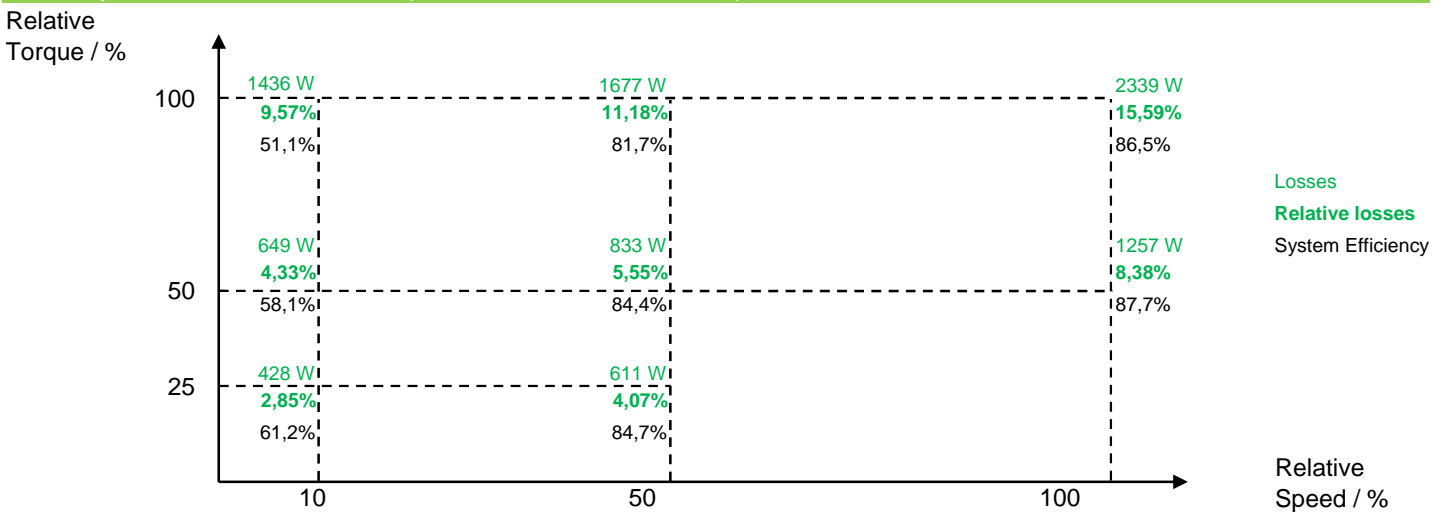


Efficiency data for the Drive

Standby losses : 24 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

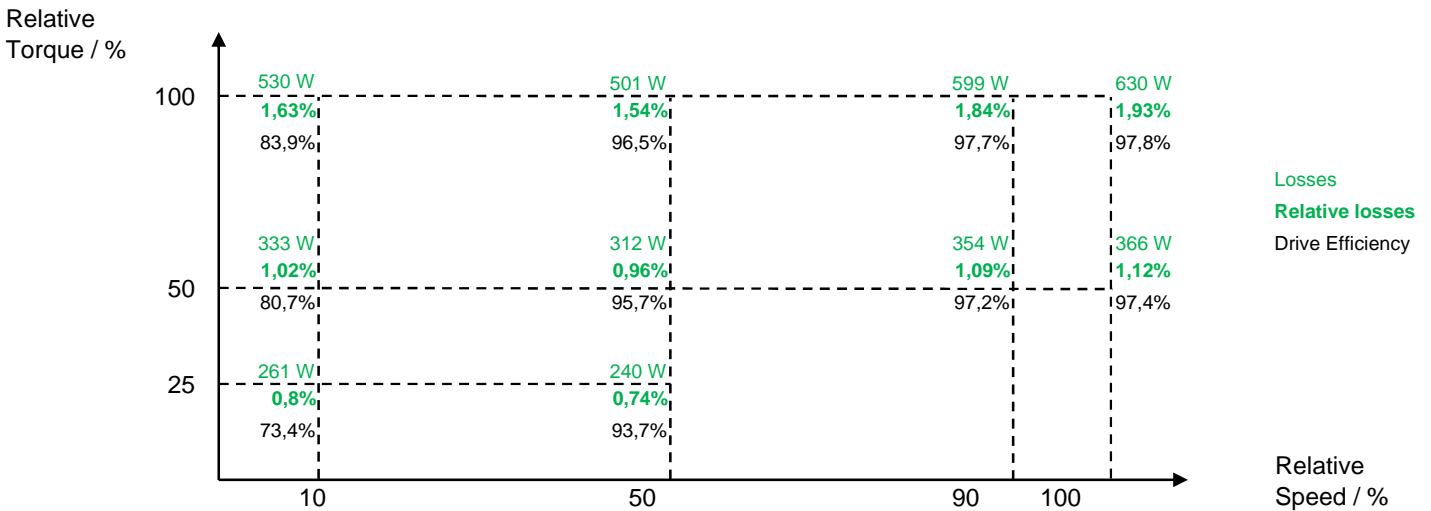
Reference : **ATV630D18N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 18,5 kW / 25 HP
 Overload : Normal Duty
 Nominal current : 39,2 A
 Nominal apparent power : 32,6 kVA
 Nominal frequency : 50 Hz

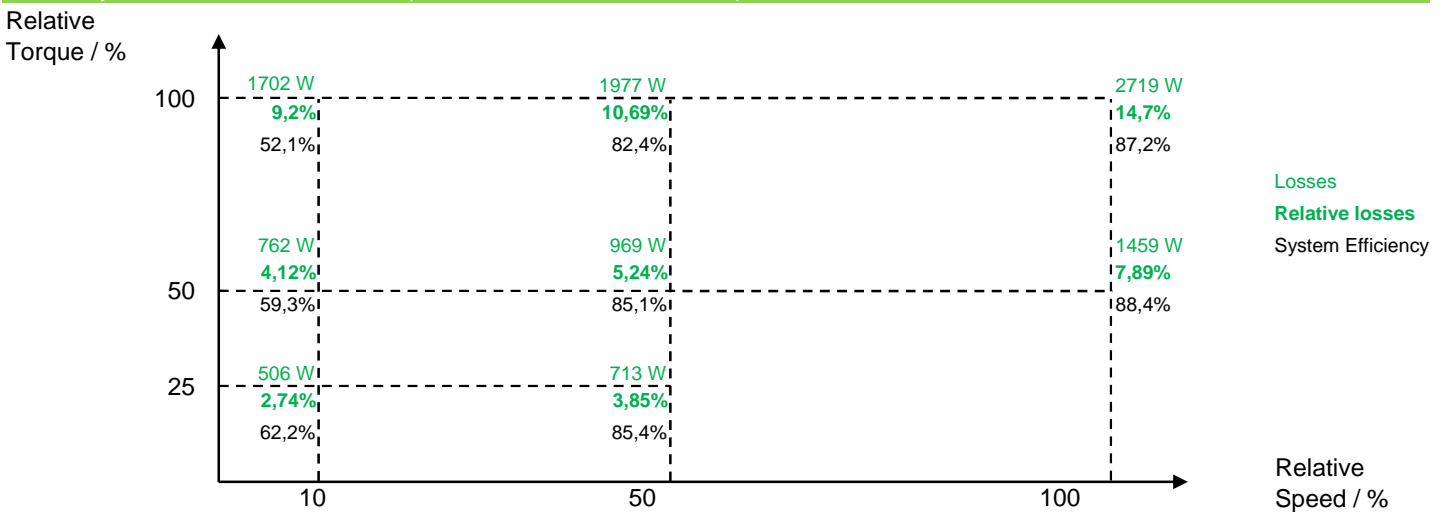


Efficiency data for the Drive

Standby losses : 24 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

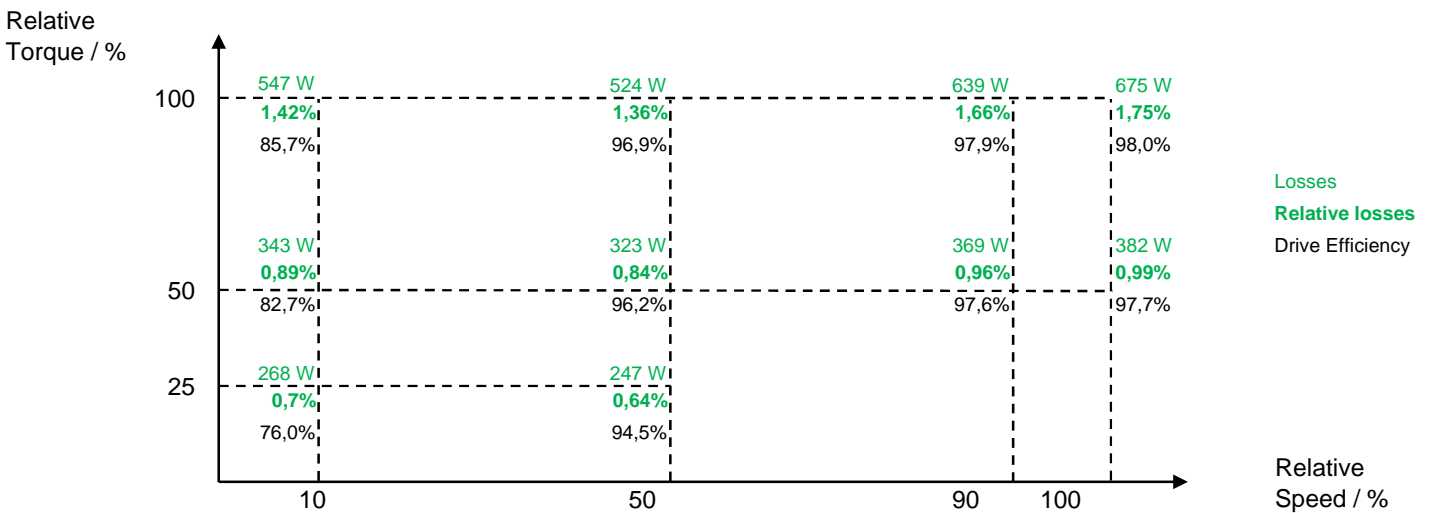
Reference : **ATV630D22N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 22 kW / 30 HP
 Overload : Normal Duty
 Nominal current : 46,3 A
 Nominal apparent power : 38,5 kVA
 Nominal frequency : 50 Hz

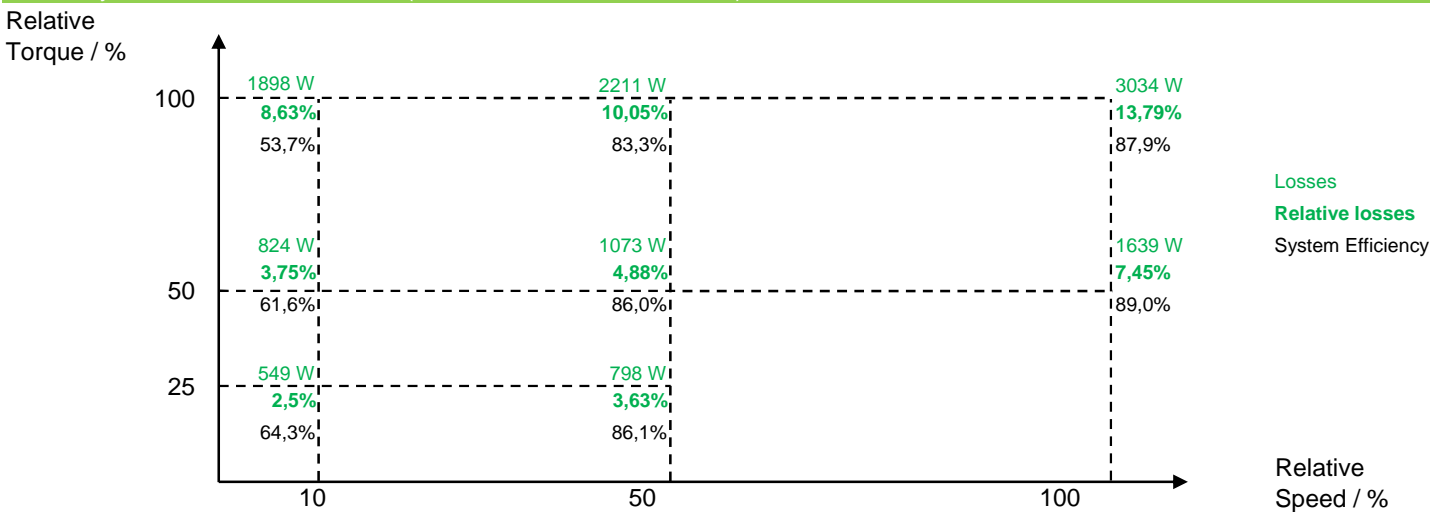


Efficiency data for the Drive

Standby losses : 24 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630D30N4**

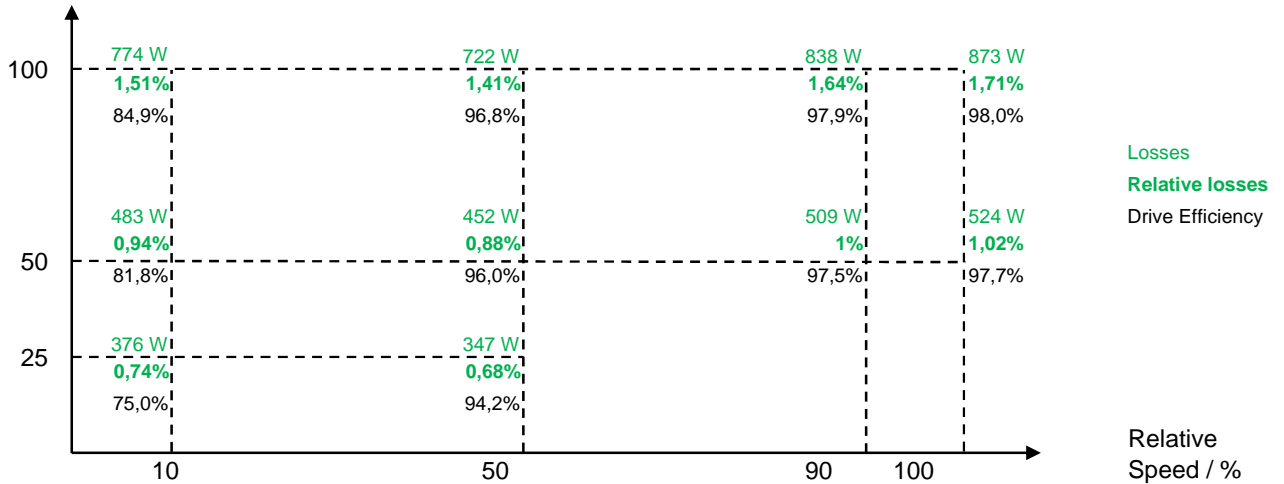
Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 30 kW / 40 HP
 Overload : Normal Duty
 Nominal current : 61,5 A
 Nominal apparent power : 51,1 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

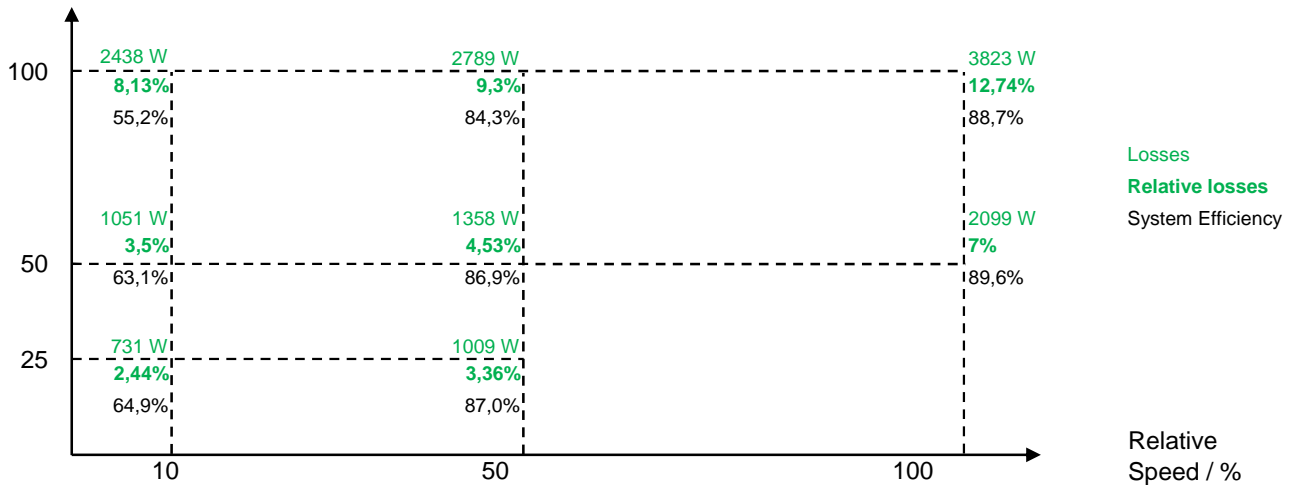
Standby losses : 33 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

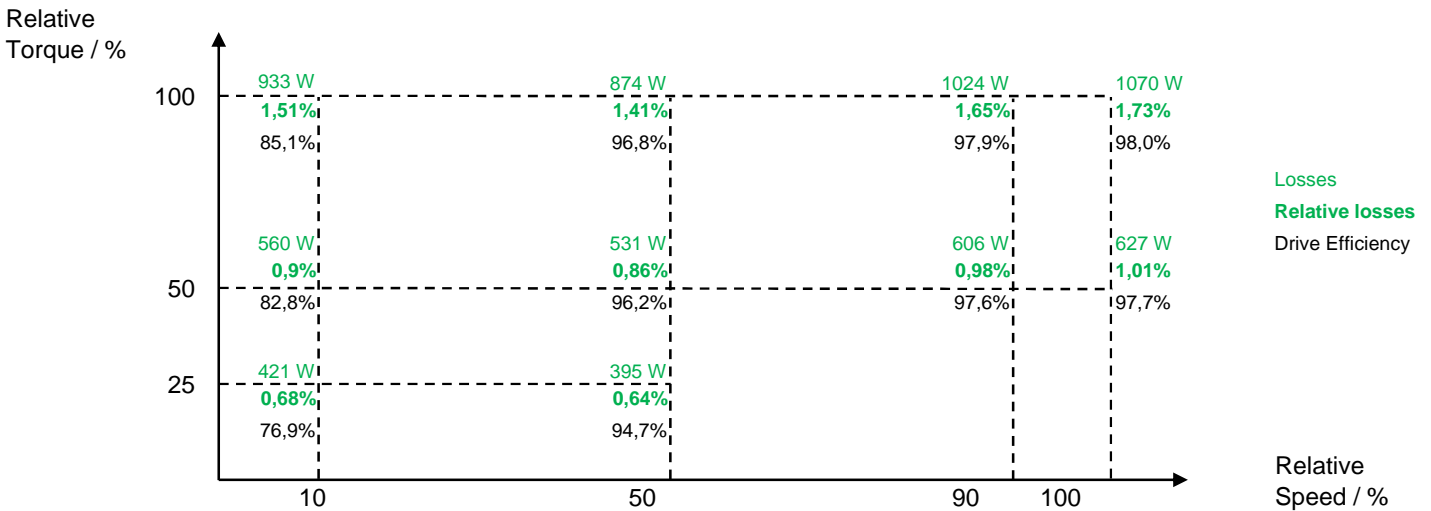
Reference : **ATV630D37N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 37 kW / 50 HP
 Overload : Normal Duty
 Nominal current : 74,5 A
 Nominal apparent power : 61,9 kVA
 Nominal frequency : 50 Hz

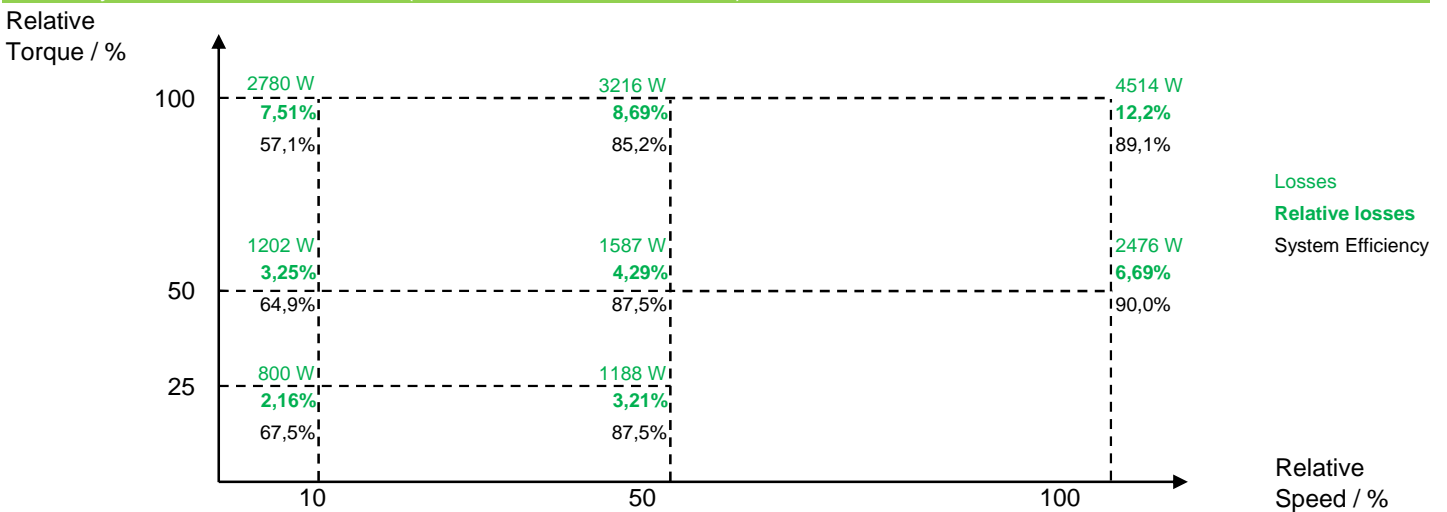


Efficiency data for the Drive

Standby losses : 33 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

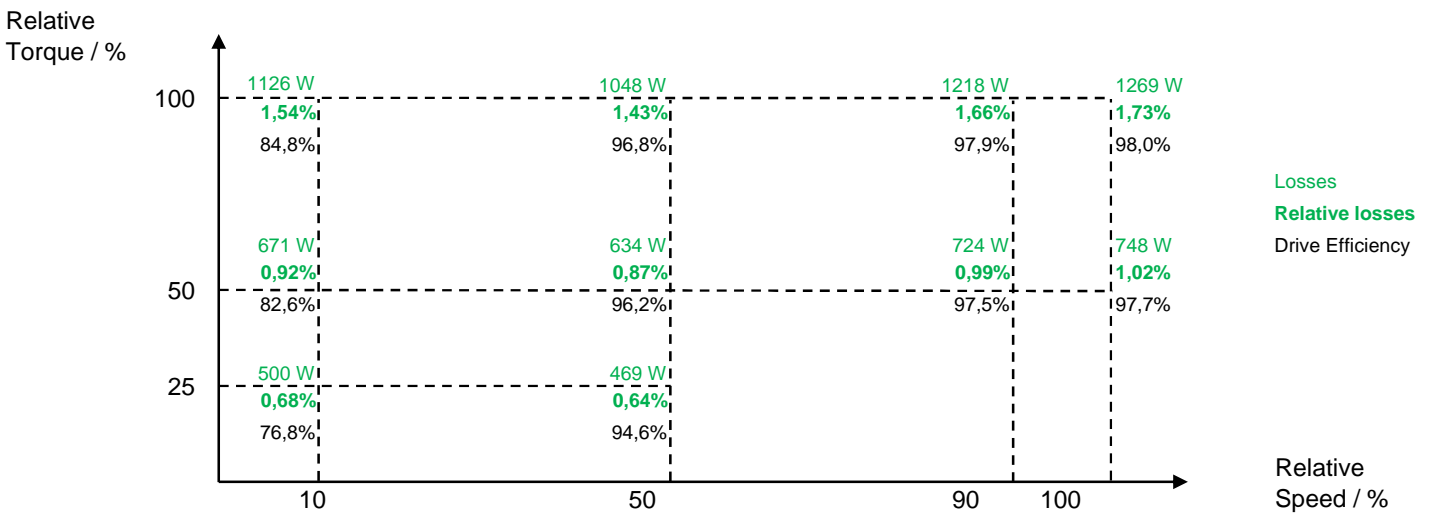
Reference : **ATV630D45N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 45 kW / 60 HP
 Overload : Normal Duty
 Nominal current : 88 A
 Nominal apparent power : 73,2 kVA
 Nominal frequency : 50 Hz

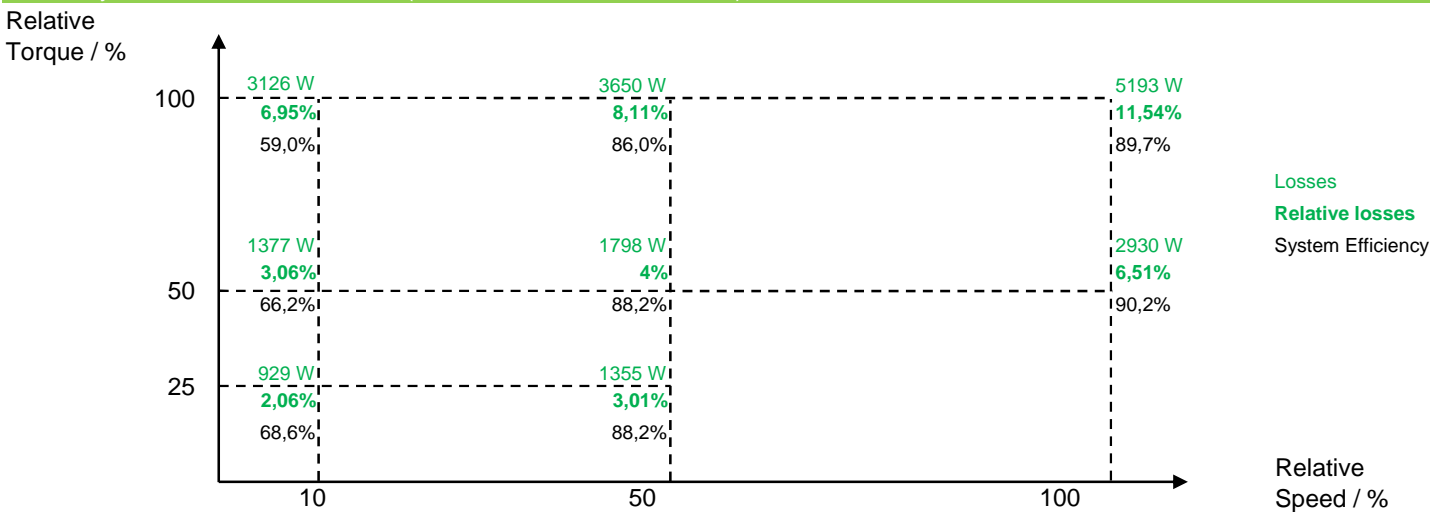


Efficiency data for the Drive

Standby losses : 33 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

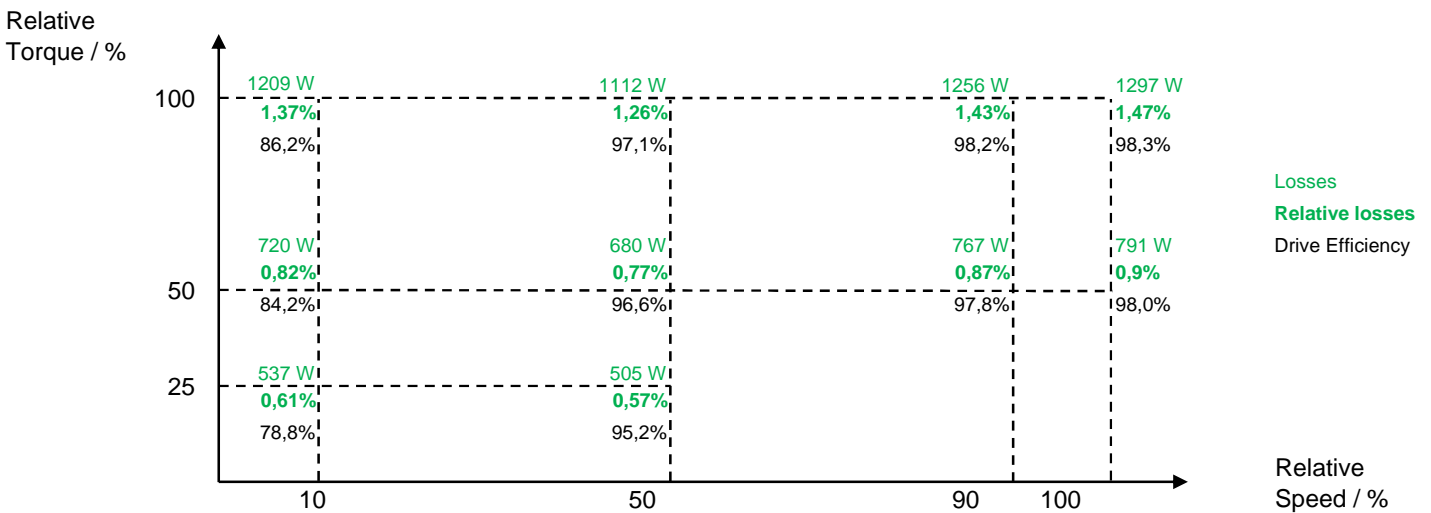
Reference : **ATV630D55N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 55 kW / 75 HP
 Overload : Normal Duty
 Nominal current : 106 A
 Nominal apparent power : 88,1 kVA
 Nominal frequency : 50 Hz

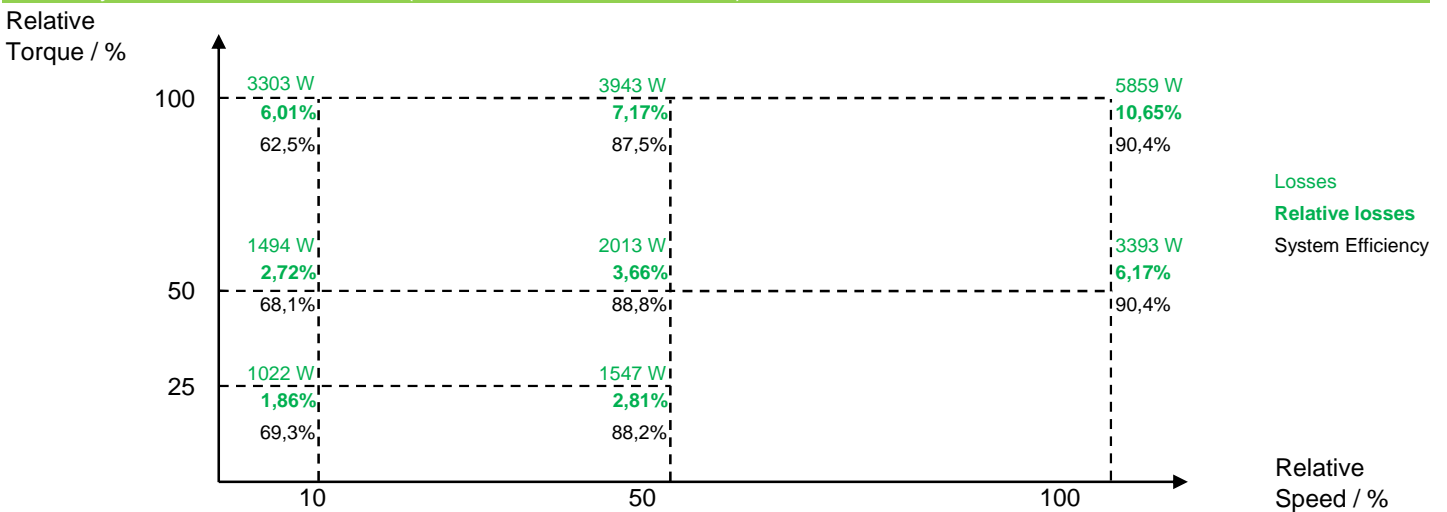


Efficiency data for the Drive

Standby losses : 32 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

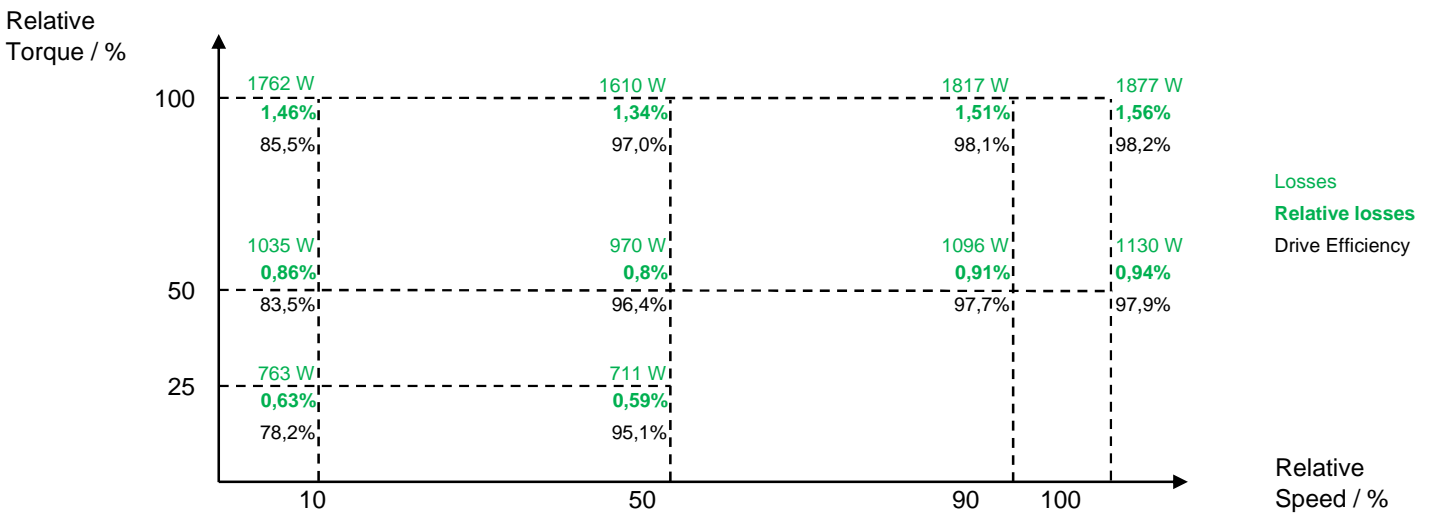
Reference : **ATV630D75N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 75 kW / 100 HP
 Overload : Normal Duty
 Nominal current : 145 A
 Nominal apparent power : 120,6 kVA
 Nominal frequency : 50 Hz

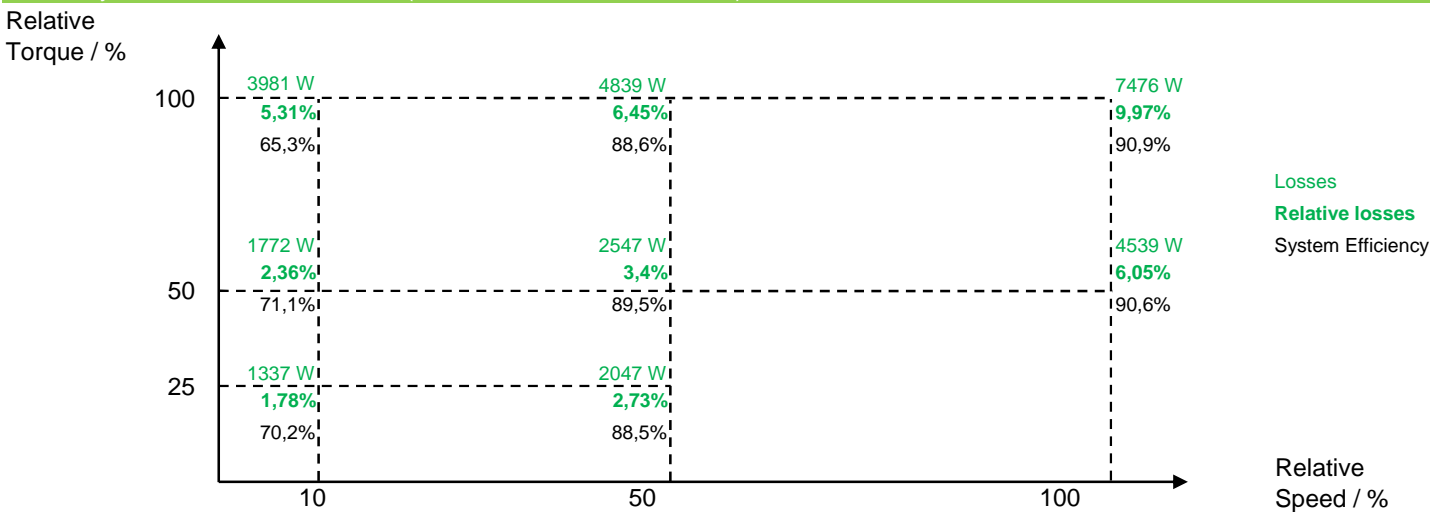


Efficiency data for the Drive

Standby losses : 32 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

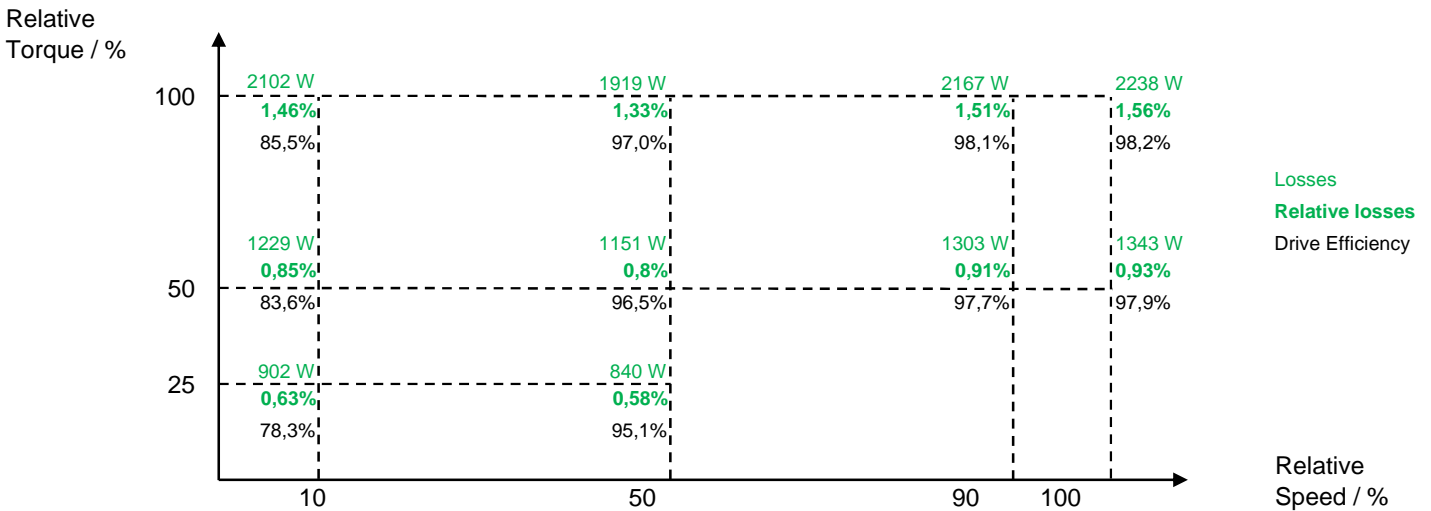
Reference : **ATV630D90N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 90 kW / 125 HP
 Overload : Normal Duty
 Nominal current : 173 A
 Nominal apparent power : 143,8 kVA
 Nominal frequency : 50 Hz

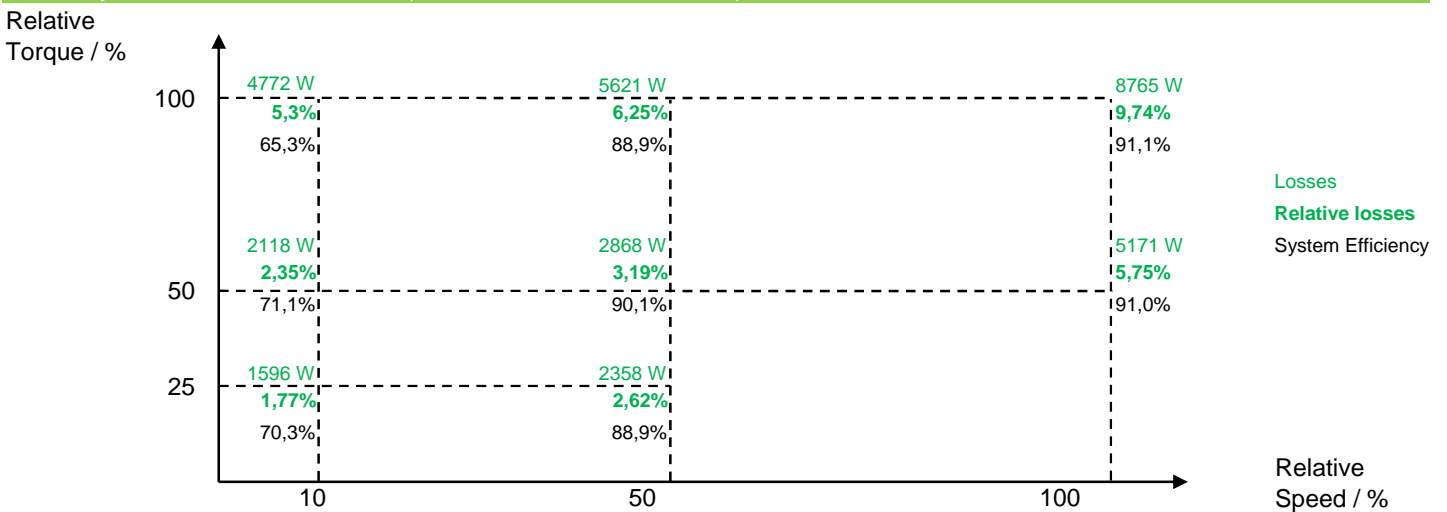


Efficiency data for the Drive

Standby losses : 32 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630C11N4**

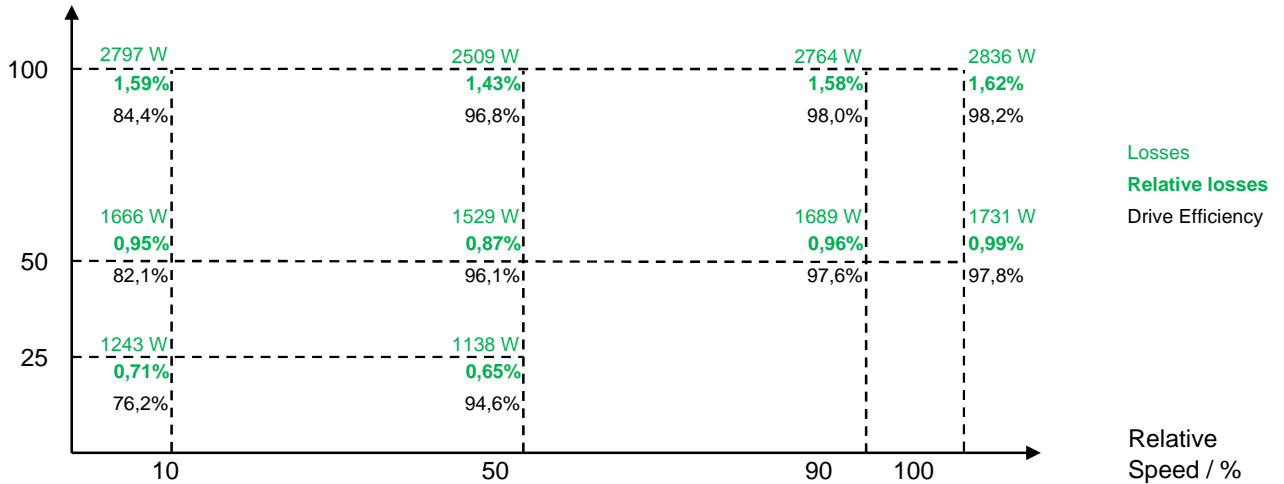


Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 110 kW / 150 HP
 Overload : Normal Duty
 Nominal current : 211 A
 Nominal apparent power : 175,4 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

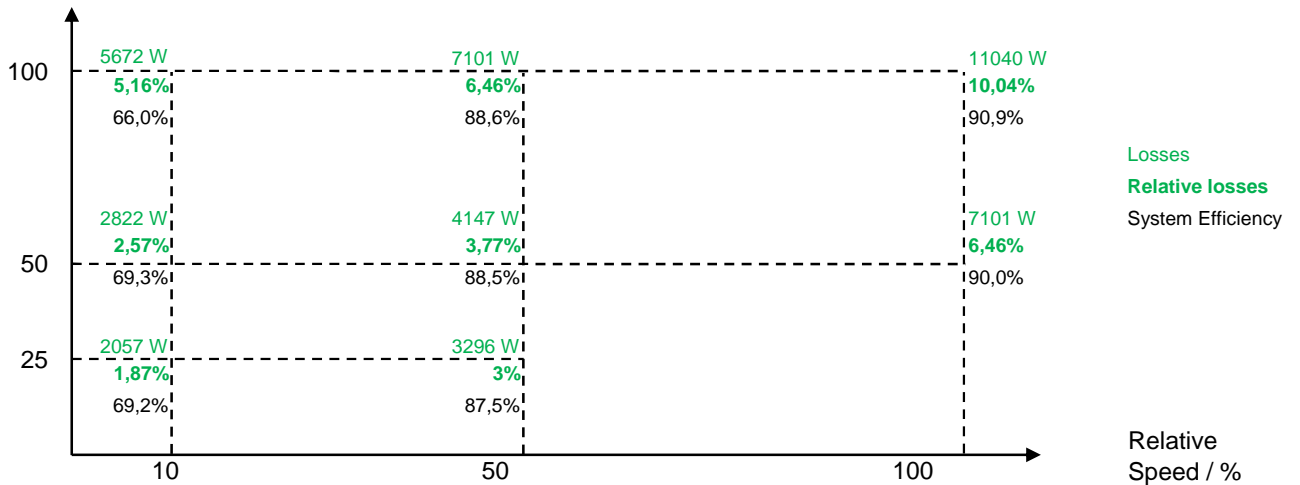
Standby losses : 74 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

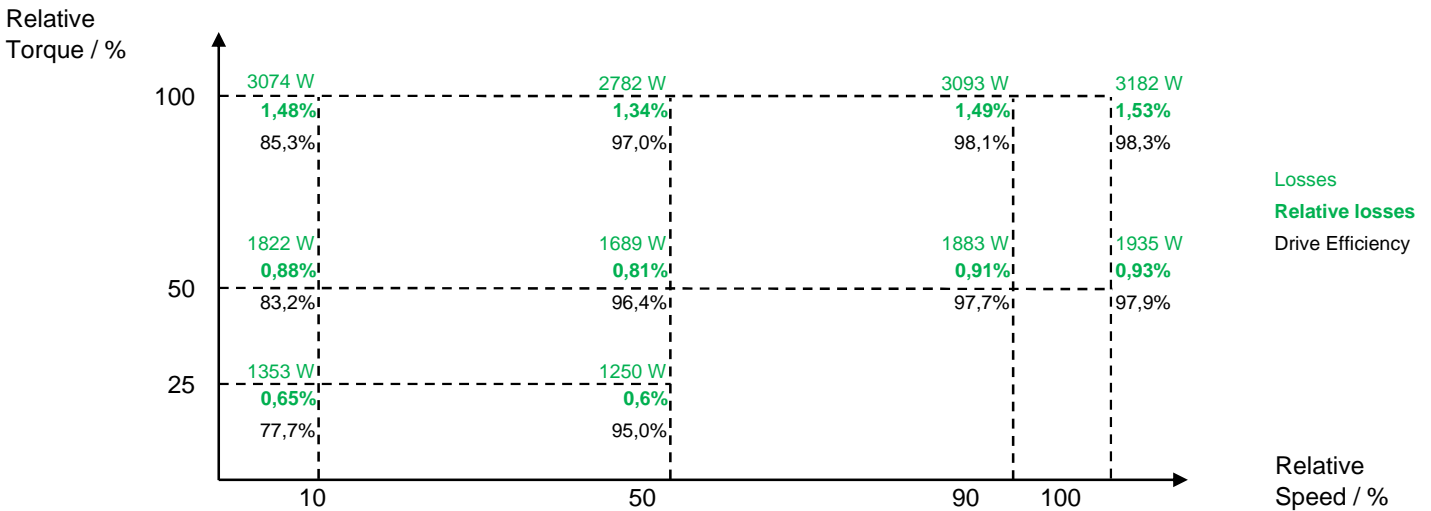
Reference : **ATV630C13N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 132 kW / 200 HP
 Overload : Normal Duty
 Nominal current : 250 A
 Nominal apparent power : 207,8 kVA
 Nominal frequency : 50 Hz

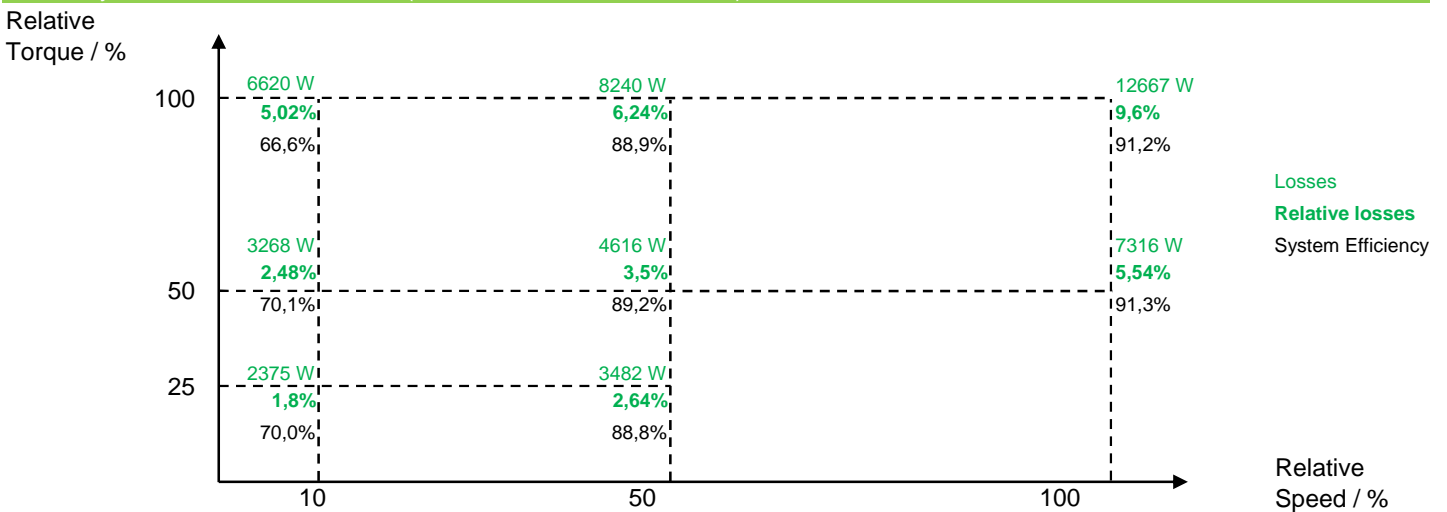


Efficiency data for the Drive

Standby losses : 74 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630C16N4**

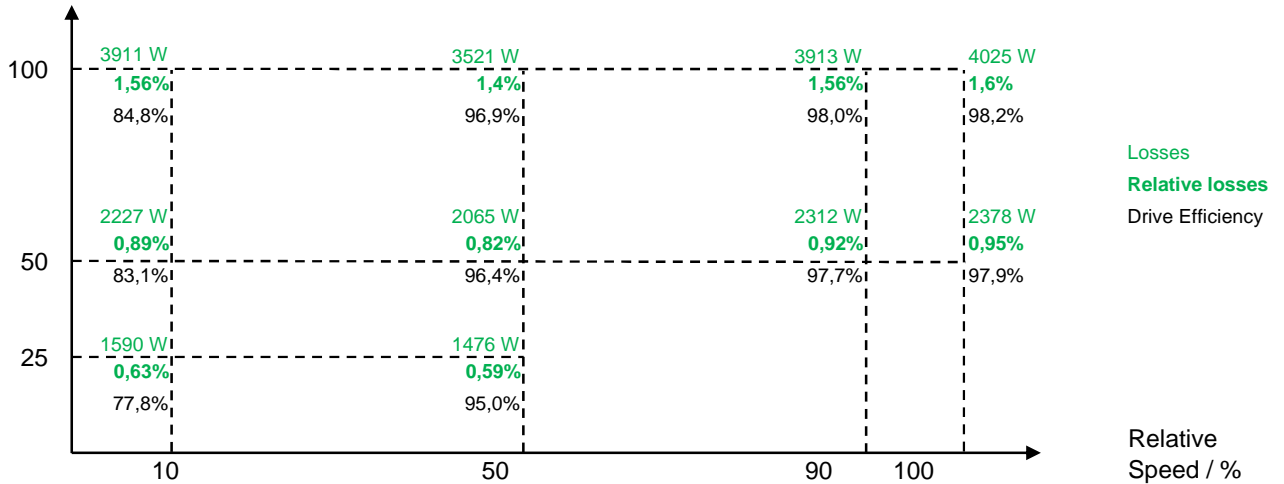
Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 160 kW / 250 HP
 Overload : Normal Duty
 Nominal current : 302 A
 Nominal apparent power : 251,1 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

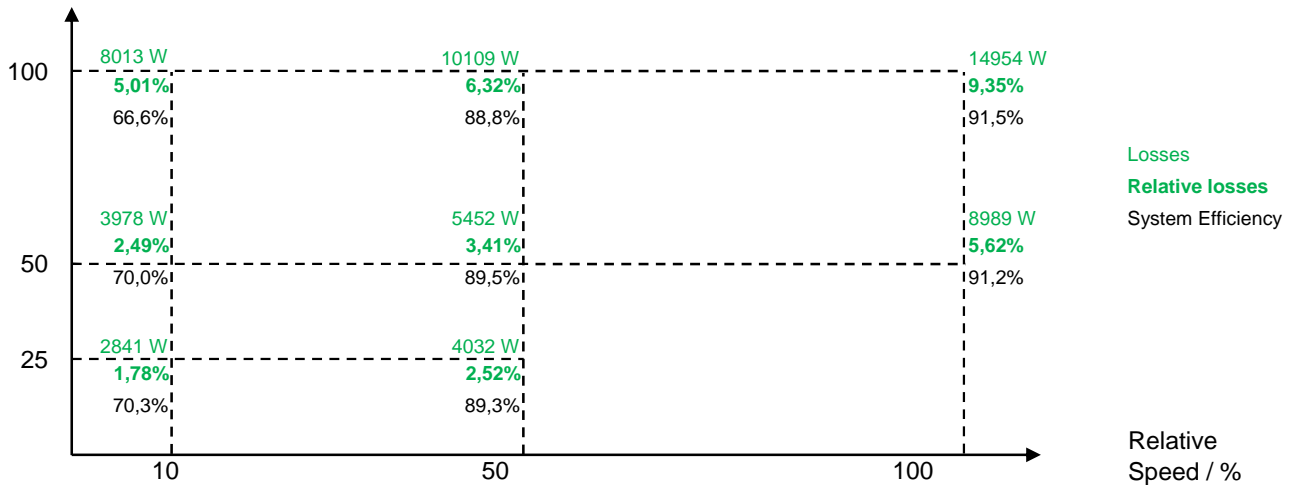
Standby losses : 74 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

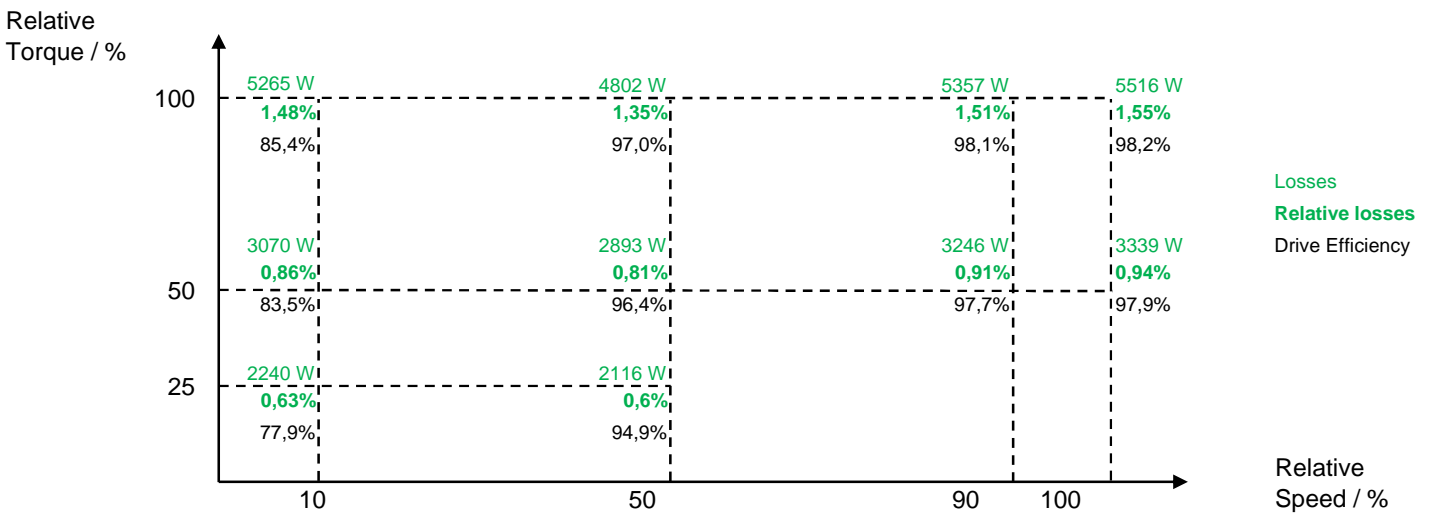
Reference : **ATV630C22N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 220 kW / 350 HP
 Overload : Normal Duty
 Nominal current : 427 A
 Nominal apparent power : 355 kVA
 Nominal frequency : 50 Hz

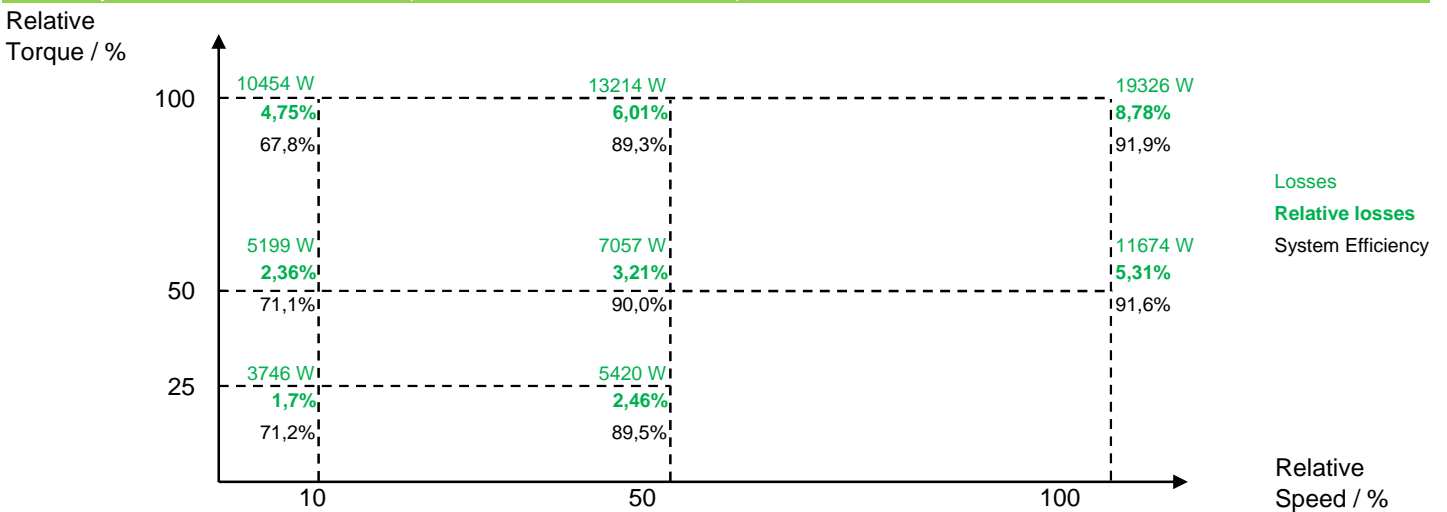


Efficiency data for the Drive

Standby losses : 172 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

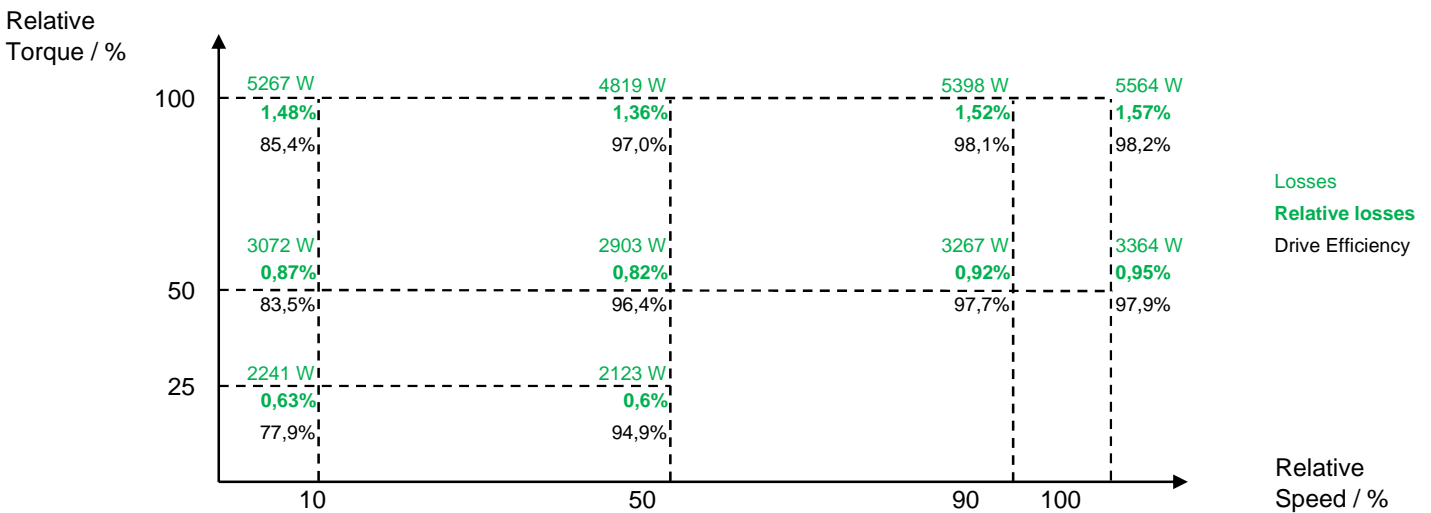
Reference : **ATV630C22N4MN
+ VW3A4569**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 220 kW / 350 HP
 Overload : Normal Duty
 Nominal current : 427 A
 Nominal apparent power : 355 kVA
 Nominal frequency : 50 Hz

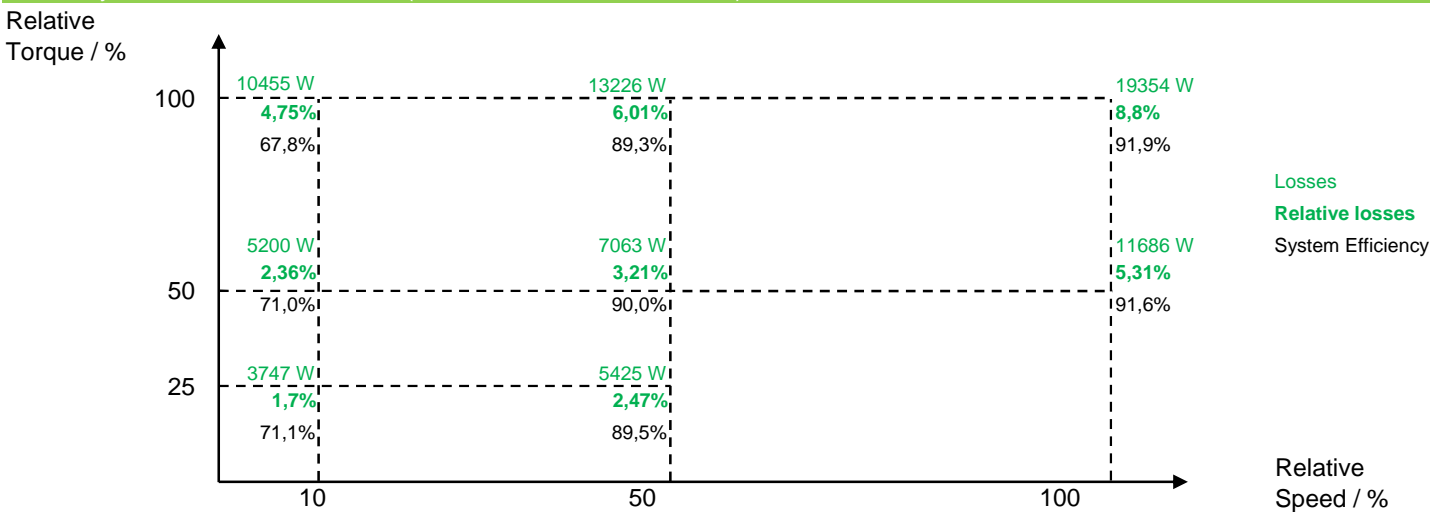


Efficiency data for the Drive

Standby losses : 172 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630C25N4**

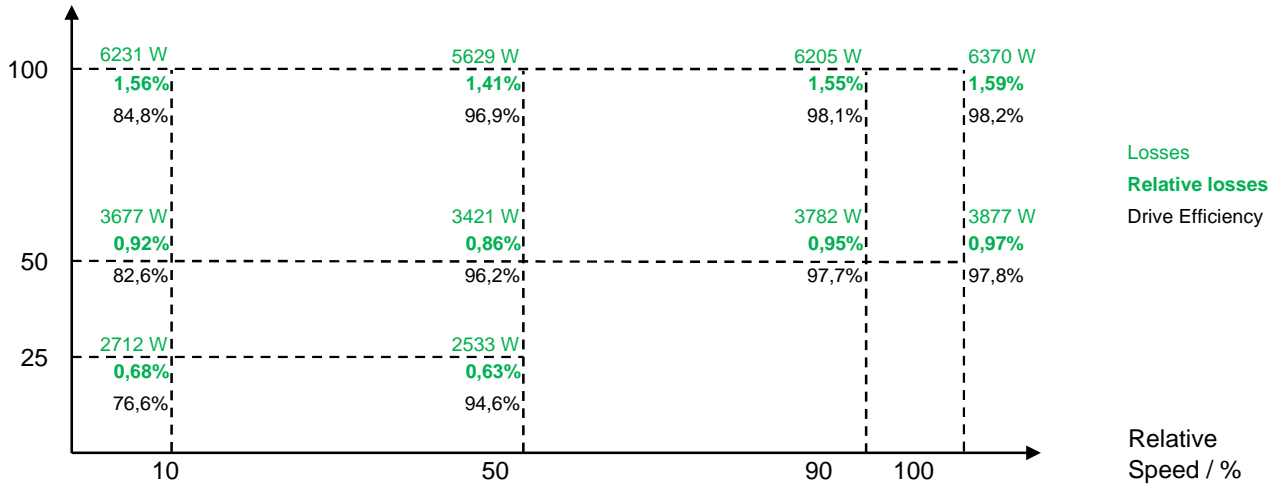


Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 250 kW / 400 HP
 Overload : Normal Duty
 Nominal current : 481 A
 Nominal apparent power : 399,9 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

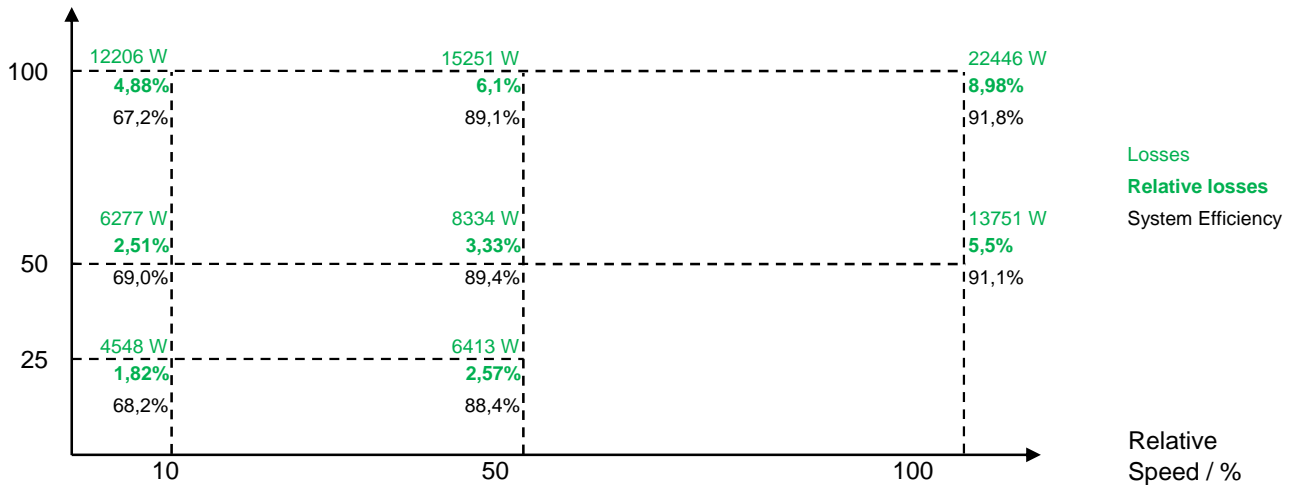
Standby losses : 209 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

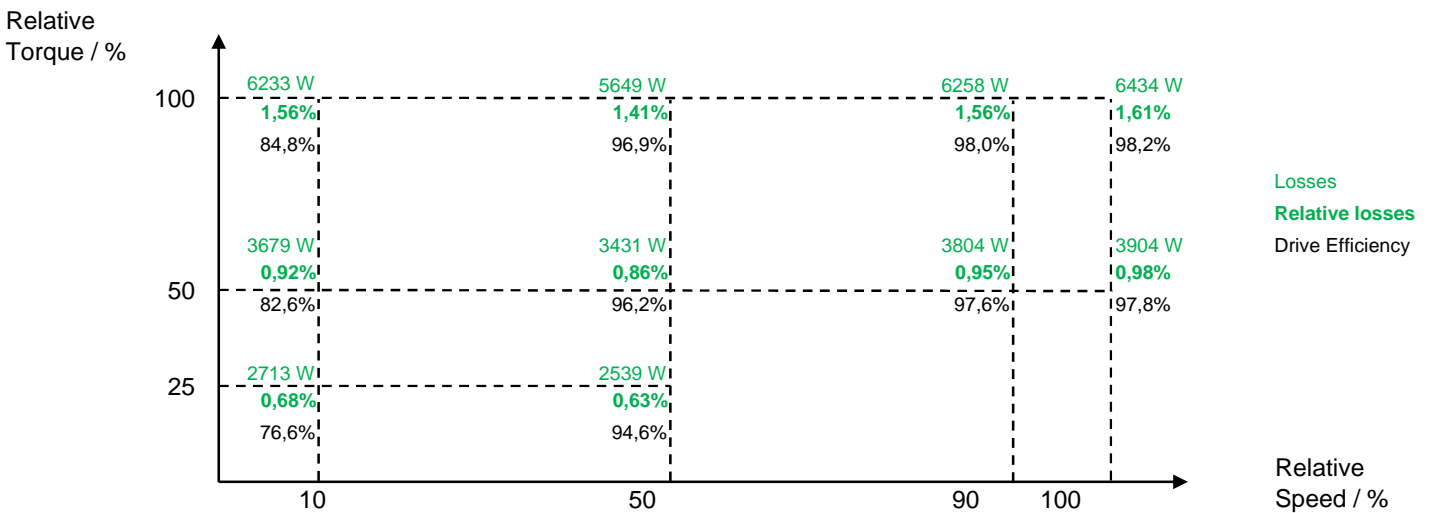
Reference : **ATV630C25N4MN
+ VW3A4569**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 250 kW / 400 HP
 Overload : Normal Duty
 Nominal current : 481 A
 Nominal apparent power : 399,9 kVA
 Nominal frequency : 50 Hz

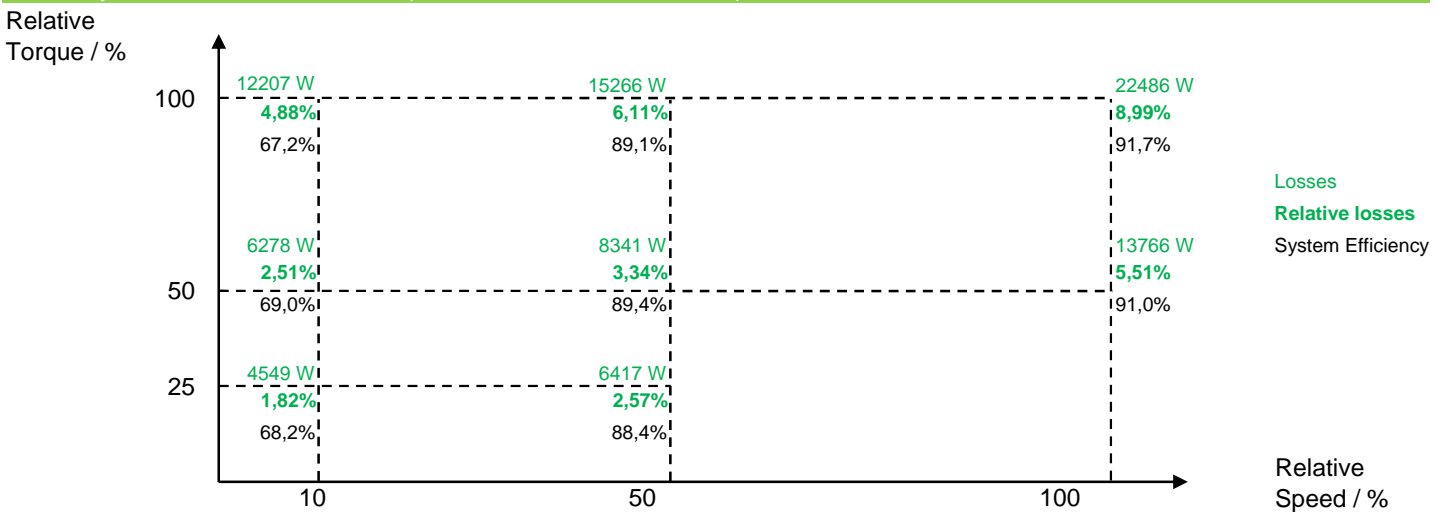


Efficiency data for the Drive

Standby losses : 209 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630C31N4**

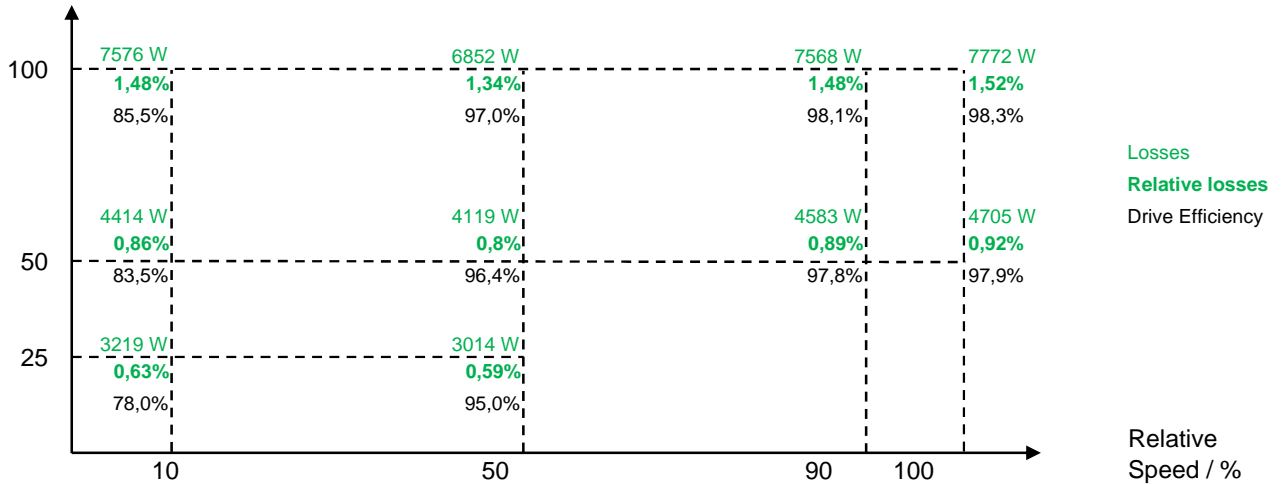


Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 315 kW / 500 HP
 Overload : Normal Duty
 Nominal current : 616 A
 Nominal apparent power : 512,1 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

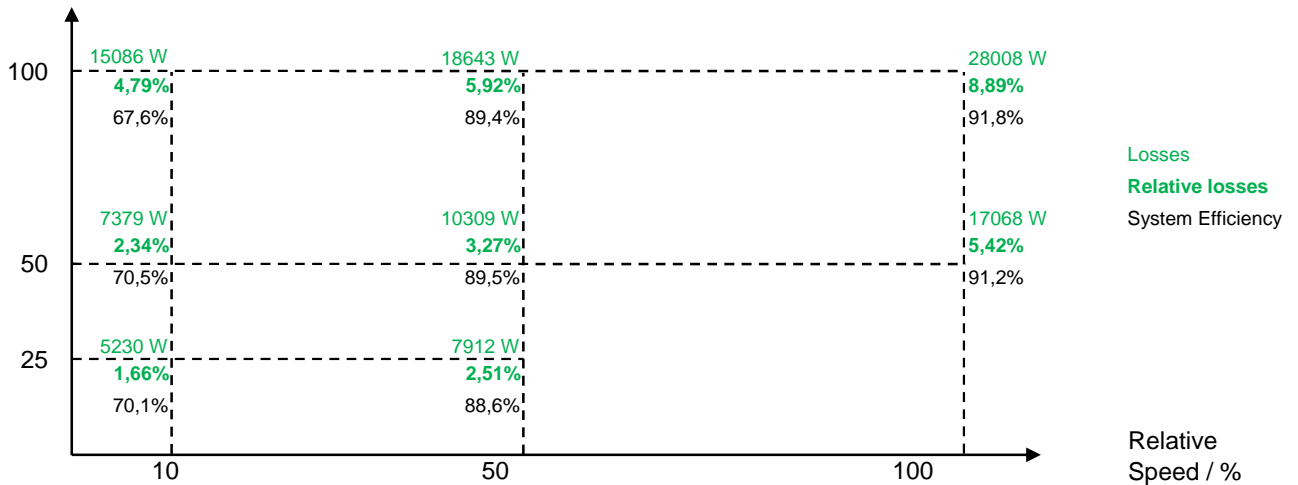
Standby losses : 209 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630C31N4MN
+ VW3A4564**

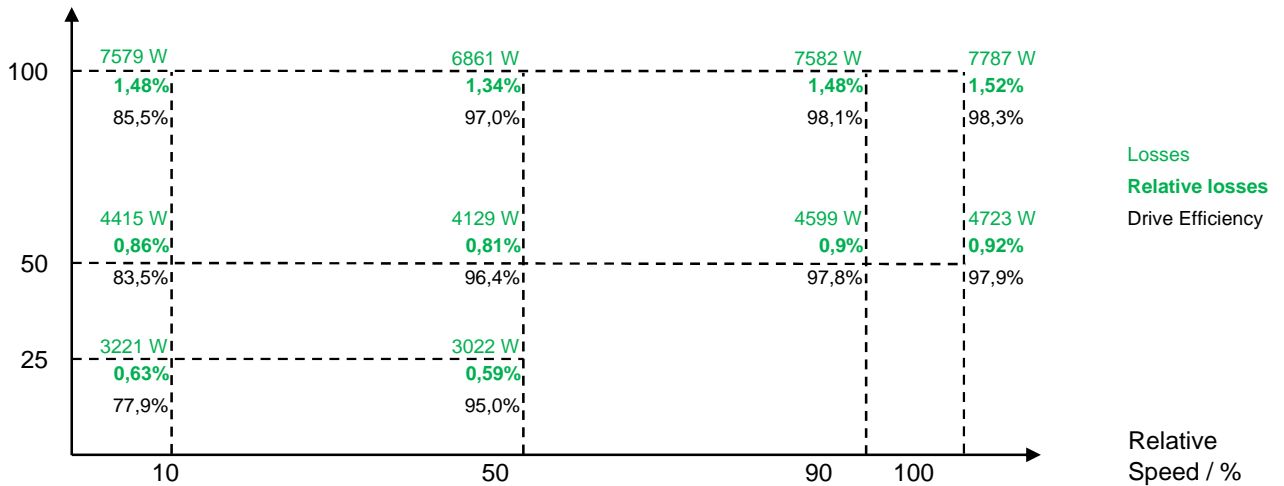
Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 315 kW / 500 HP
 Overload : Normal Duty
 Nominal current : 616 A
 Nominal apparent power : 512,1 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

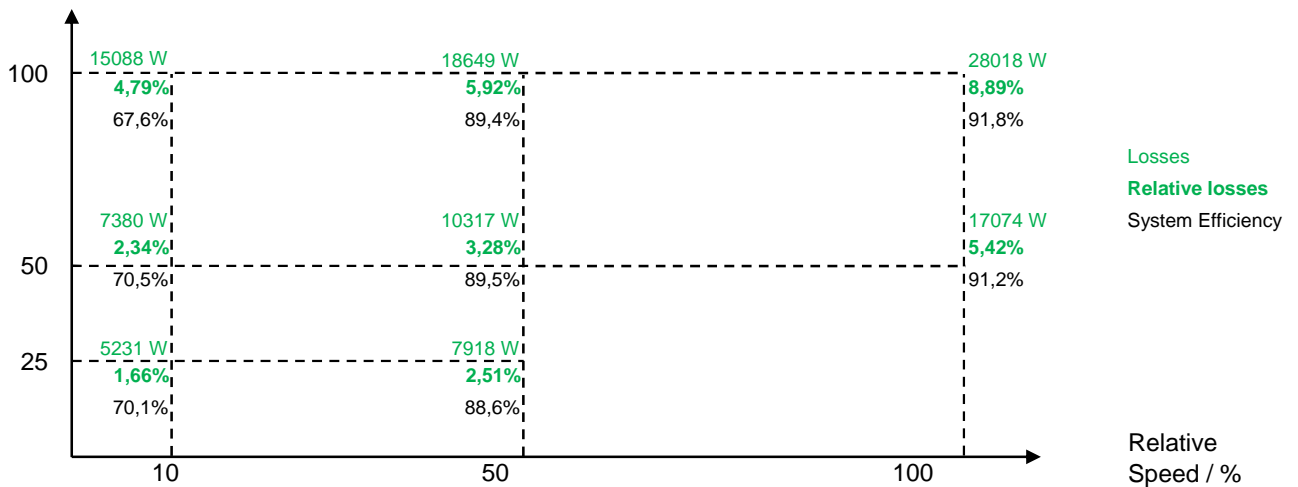
Standby losses : 209 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630C11N4F**

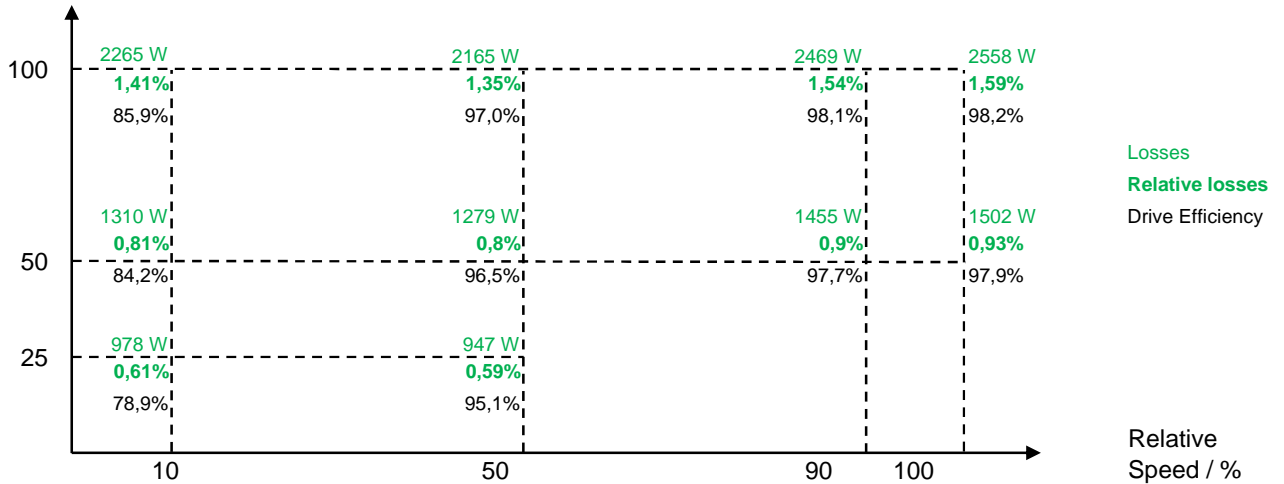


Series : Altivar Process ATV600
 Nominal voltage : 3x 440 VAC
 Nominal power : 110 kW / - HP
 Overload : Normal Duty
 Nominal current : 211 A
 Nominal apparent power : 160,8 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

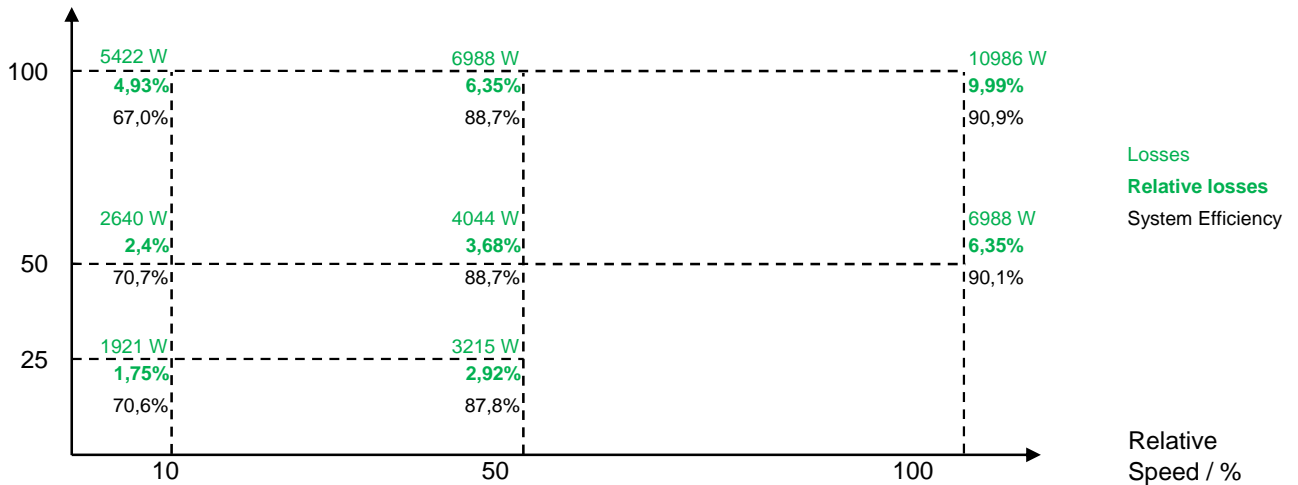
Standby losses : 87 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630C13N4F**

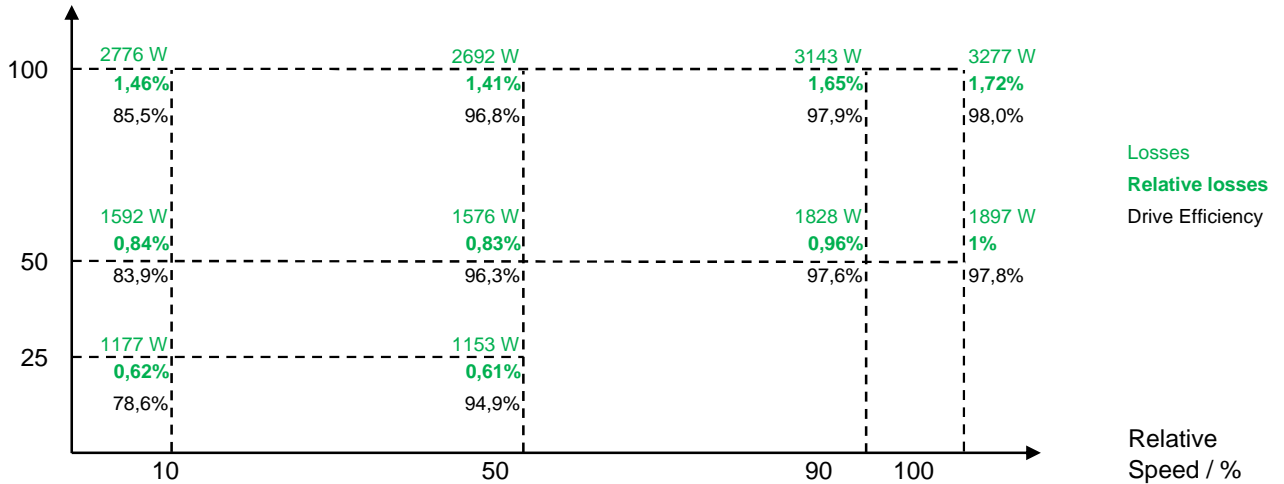


Series : Altivar Process ATV600
 Nominal voltage : 3x 440 VAC
 Nominal power : 132 kW / - HP
 Overload : Normal Duty
 Nominal current : 250 A
 Nominal apparent power : 190,5 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

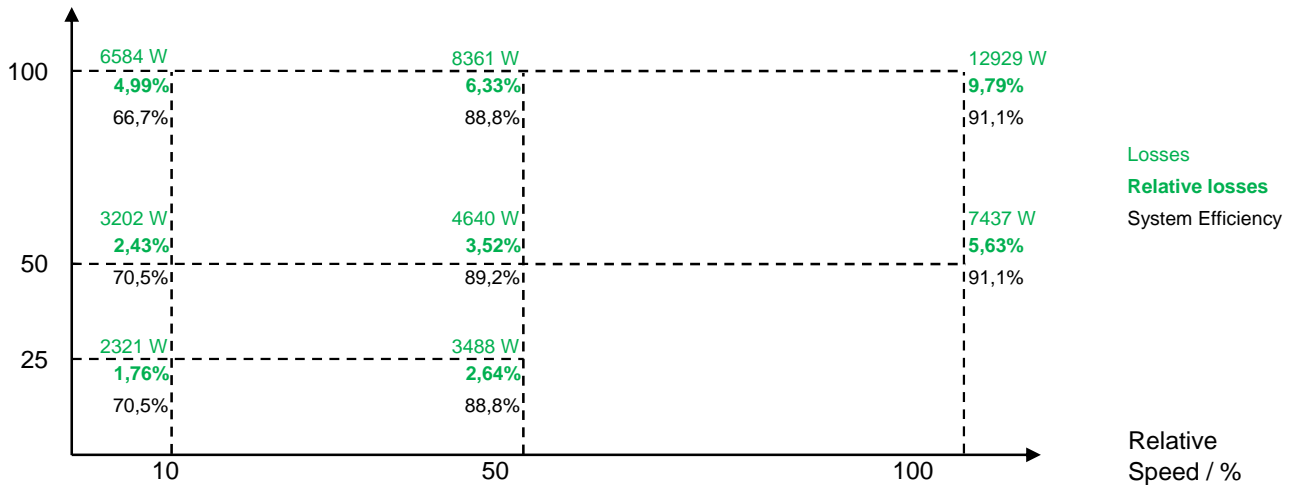
Standby losses : 87 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

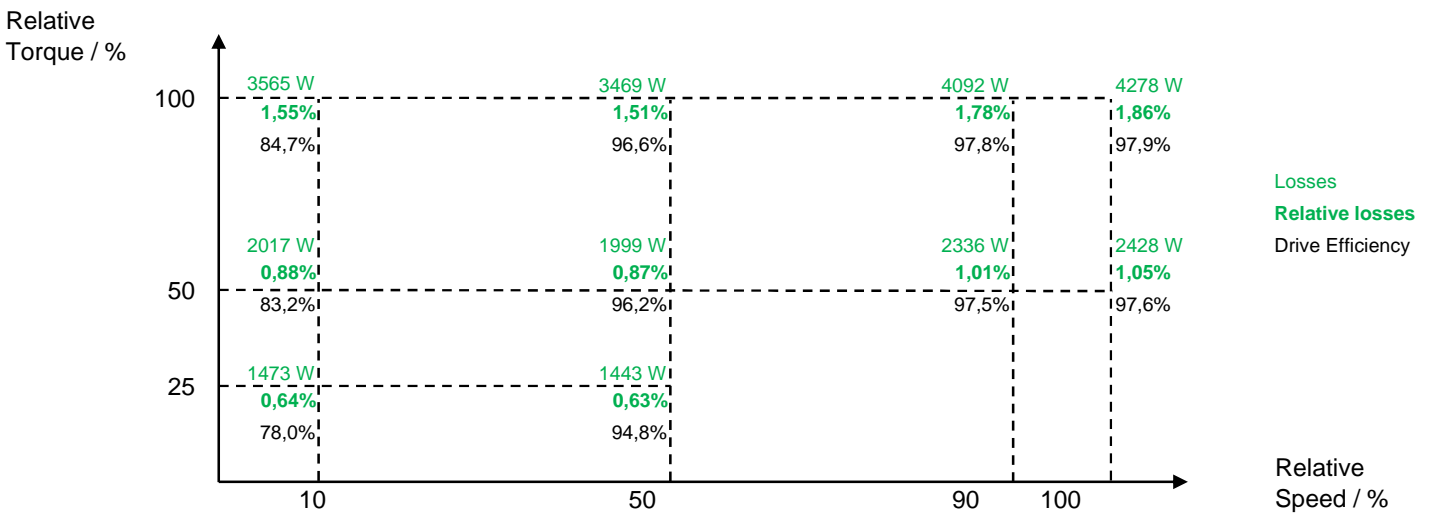
Reference : **ATV630C16N4F**

Series : Altivar Process ATV600
 Nominal voltage : 3x 440 VAC
 Nominal power : 160 kW / - HP
 Overload : Normal Duty
 Nominal current : 302 A
 Nominal apparent power : 230,2 kVA
 Nominal frequency : 50 Hz

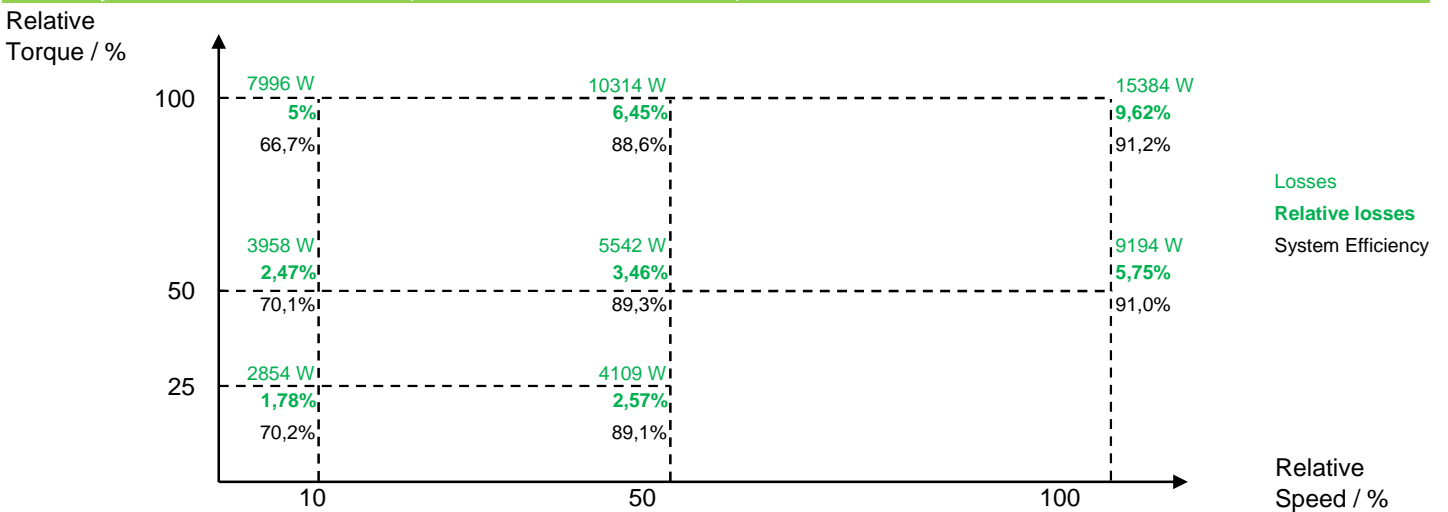


Efficiency data for the Drive

Standby losses : 87 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630C20N4F**

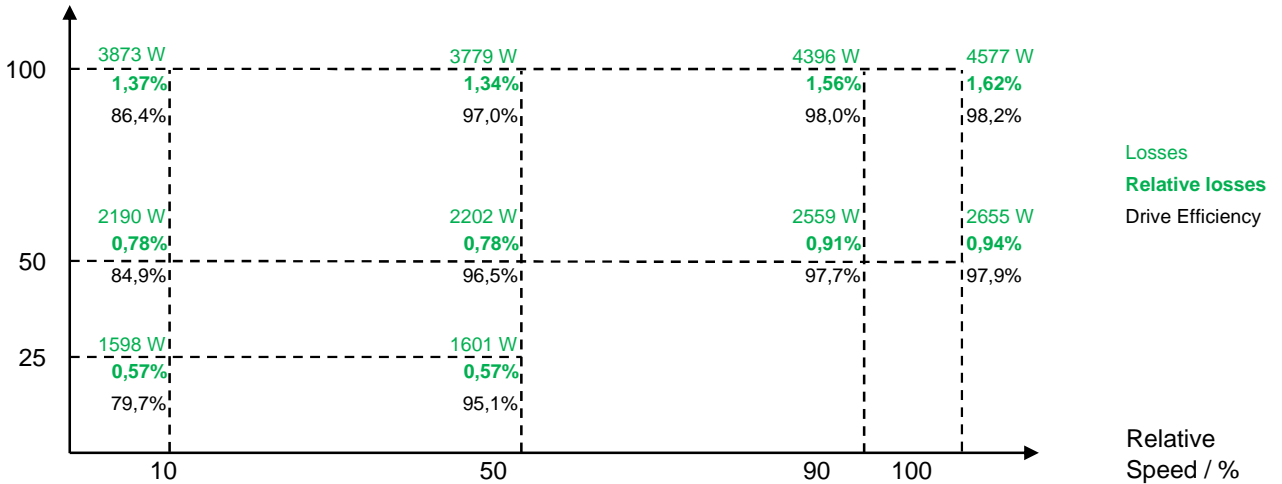


Series : Altivar Process ATV600
 Nominal voltage : 3x 440 VAC
 Nominal power : 200 kW / - HP
 Overload : Normal Duty
 Nominal current : 370 A
 Nominal apparent power : 282 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

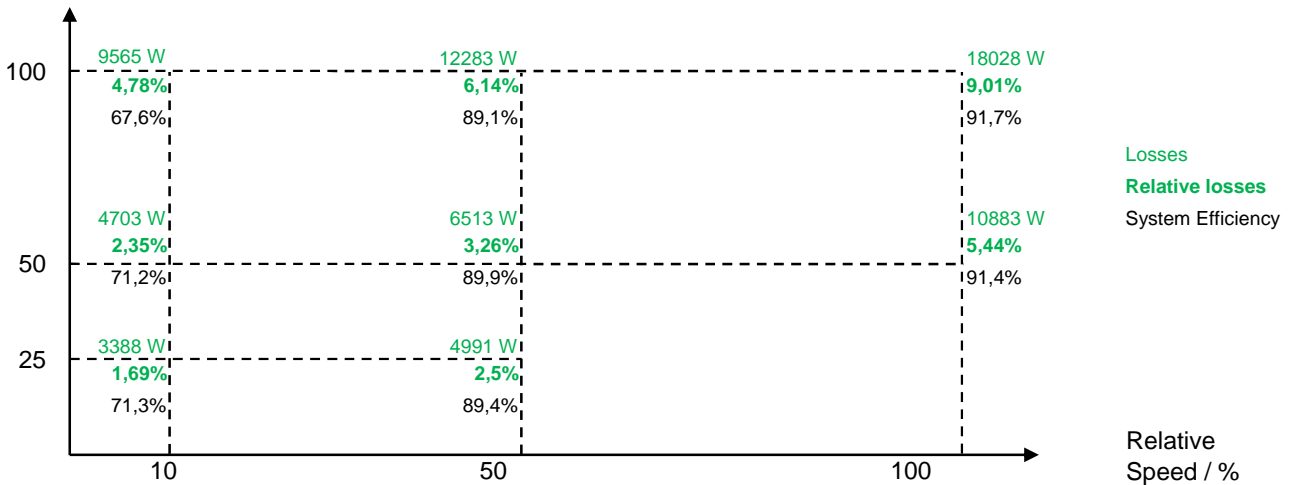
Standby losses : 169 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

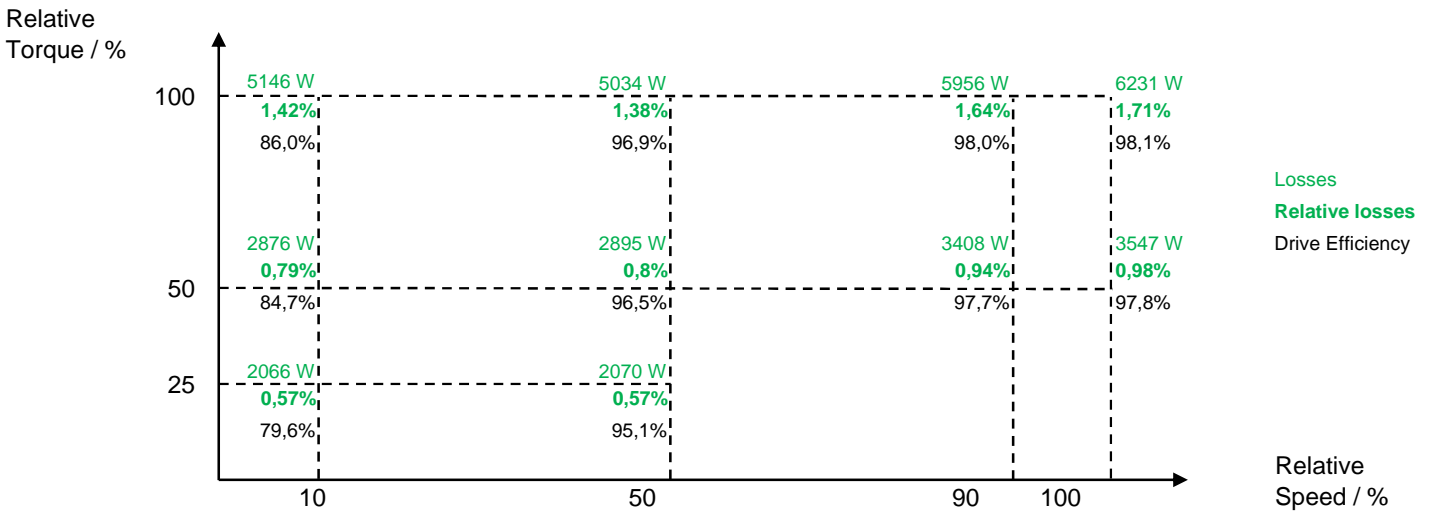
Reference : **ATV630C25N4F**

Series : Altivar Process ATV600
 Nominal voltage : 3x 440 VAC
 Nominal power : 250 kW / - HP
 Overload : Normal Duty
 Nominal current : 477 A
 Nominal apparent power : 363,5 kVA
 Nominal frequency : 50 Hz

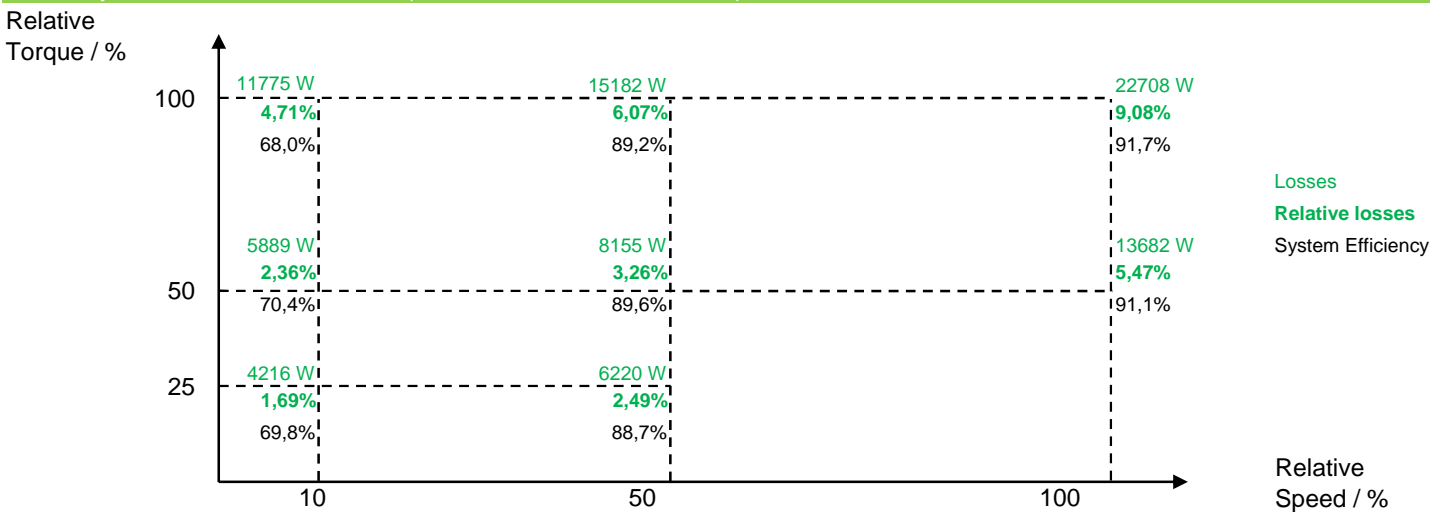


Efficiency data for the Drive

Standby losses : 169 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

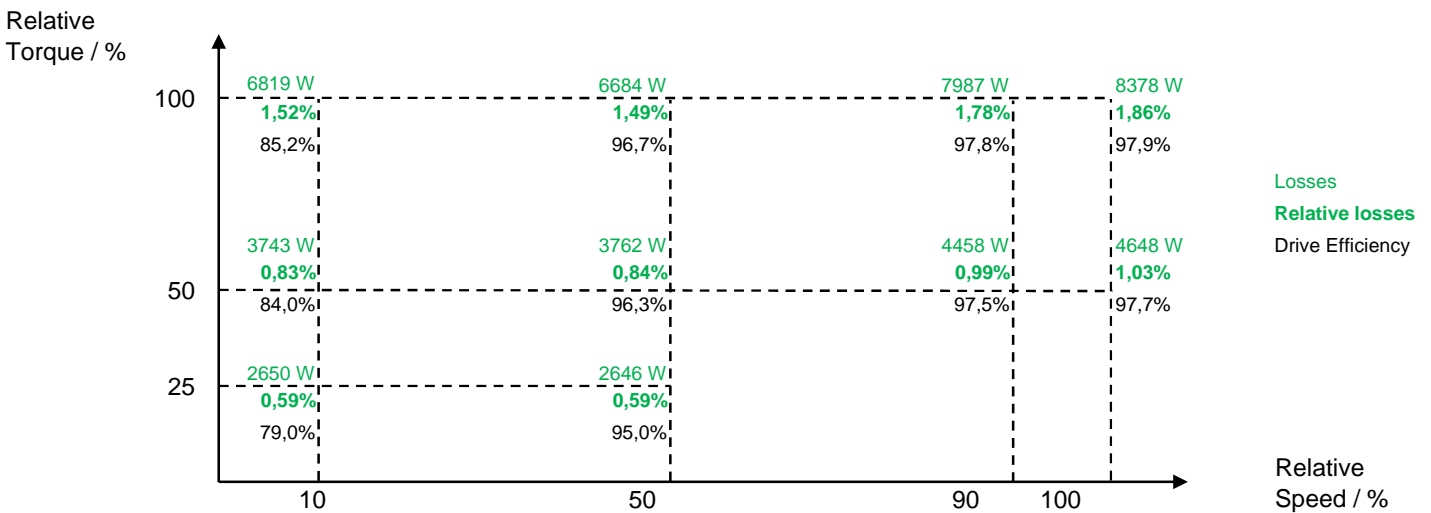
Reference : **ATV630C31N4F**

Series : Altivar Process ATV600
 Nominal voltage : 3x 440 VAC
 Nominal power : 315 kW / - HP
 Overload : Normal Duty
 Nominal current : 590 A
 Nominal apparent power : 449,6 kVA
 Nominal frequency : 50 Hz

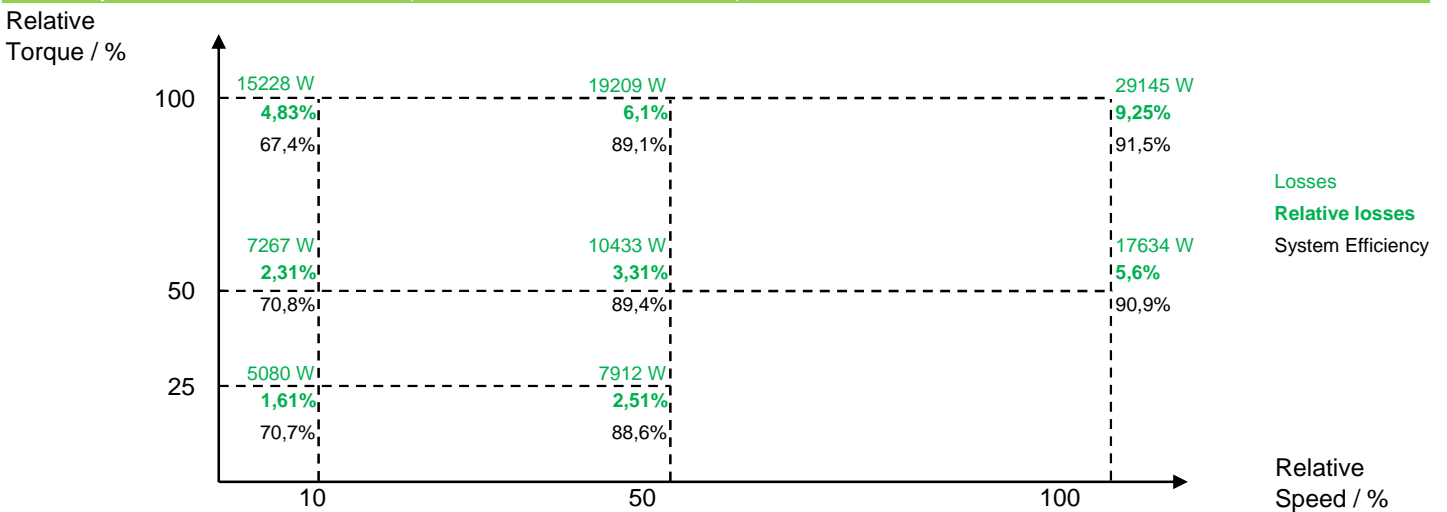


Efficiency data for the Drive

Standby losses : 168 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

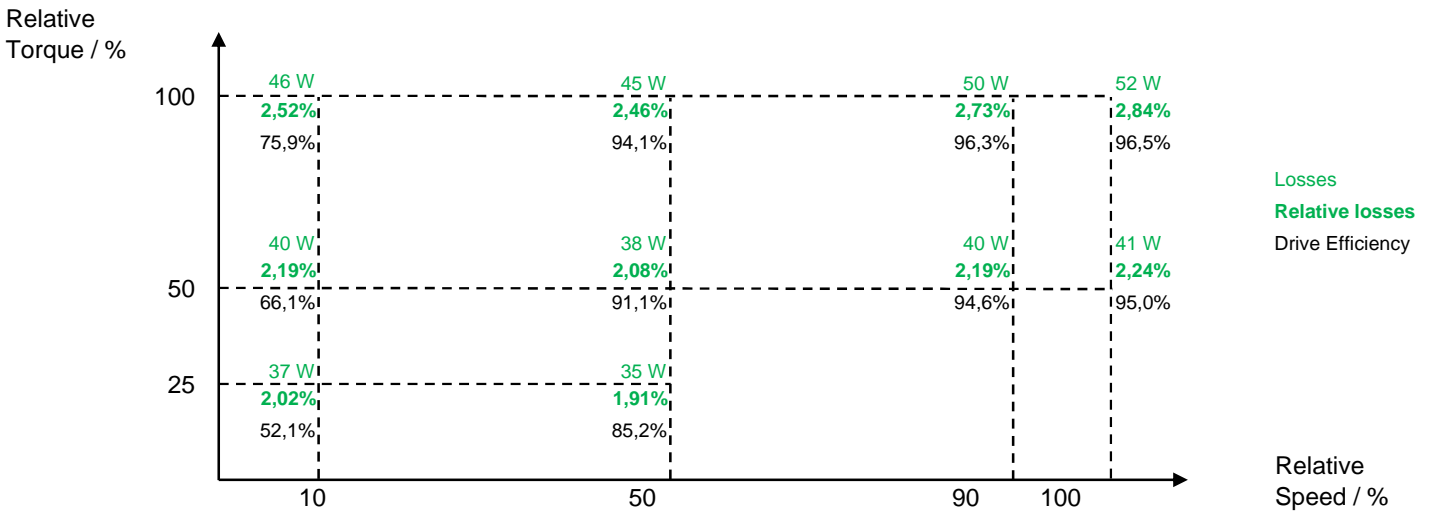
Reference : **ATV650U07N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 0,75 kW / 1 HP
 Overload : Normal Duty
 Nominal current : 2,2 A
 Nominal apparent power : 1,8 kVA
 Nominal frequency : 50 Hz

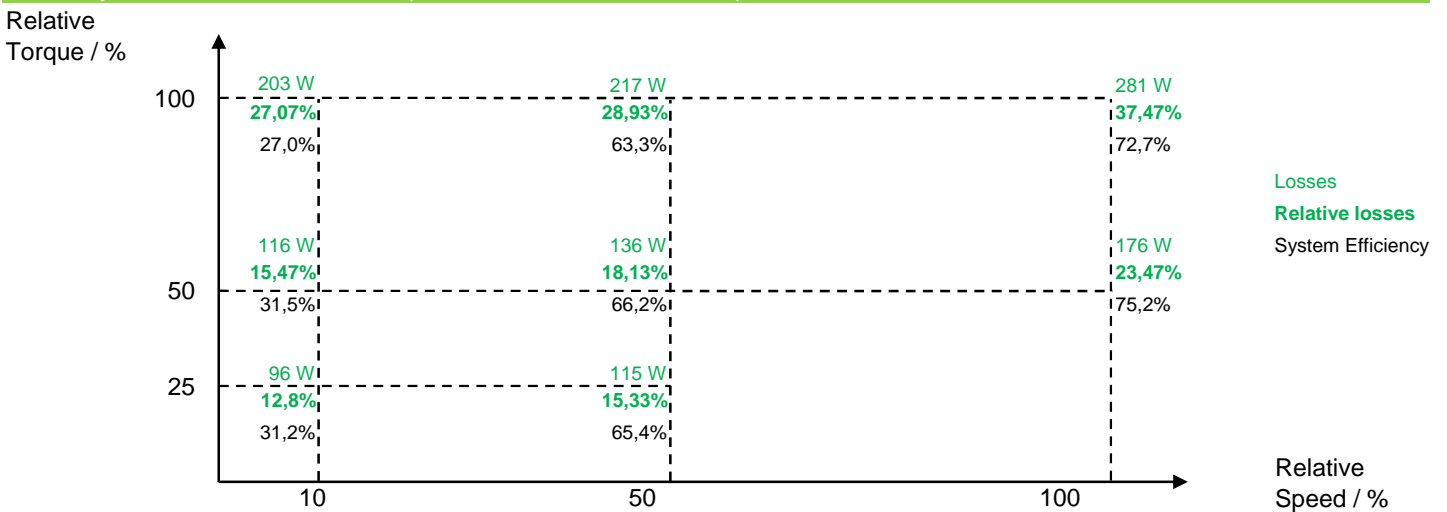


Efficiency data for the Drive

Standby losses : 15 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

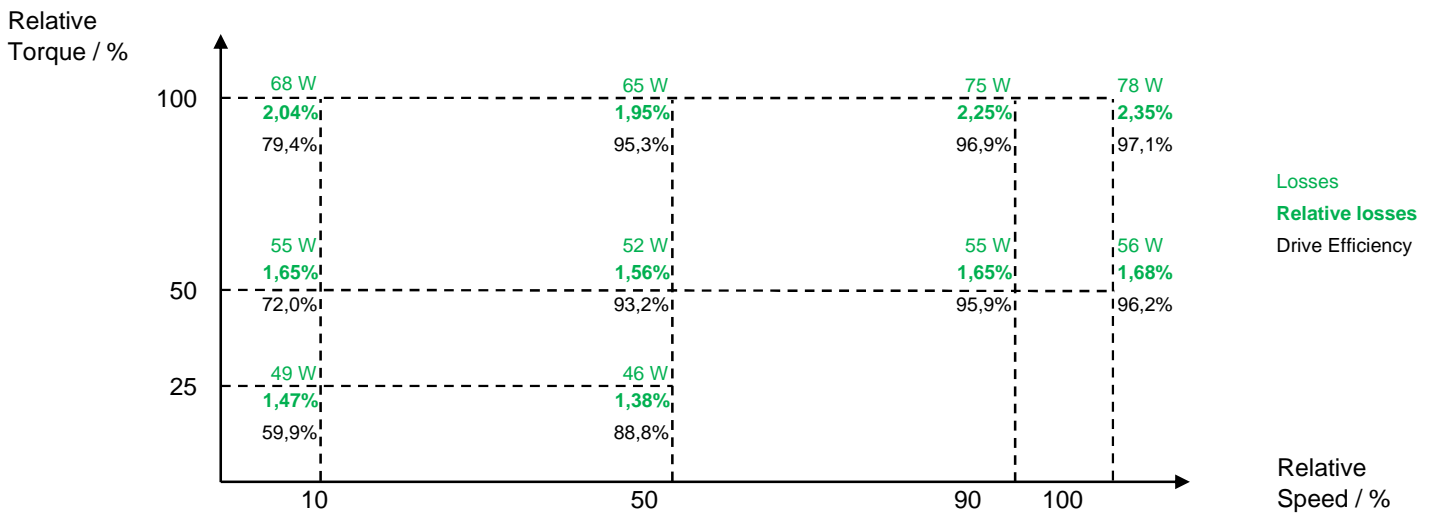
Reference : **ATV650U15N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 1,5 kW / 2 HP
 Overload : Normal Duty
 Nominal current : 4 A
 Nominal apparent power : 3,3 kVA
 Nominal frequency : 50 Hz

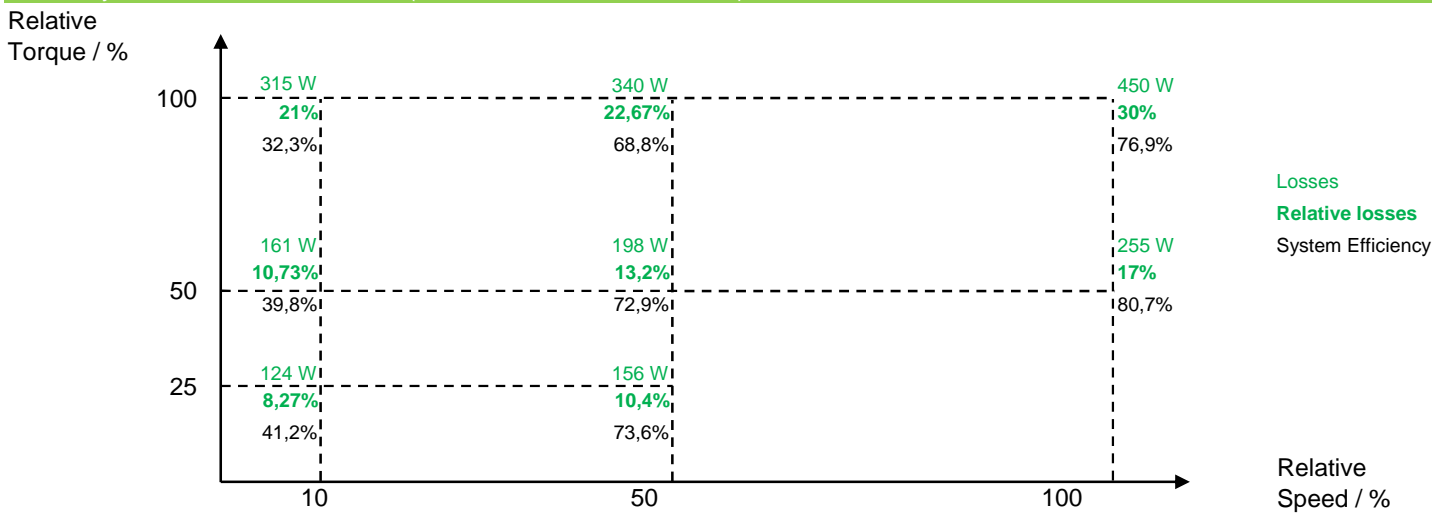


Efficiency data for the Drive

Standby losses : 15 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

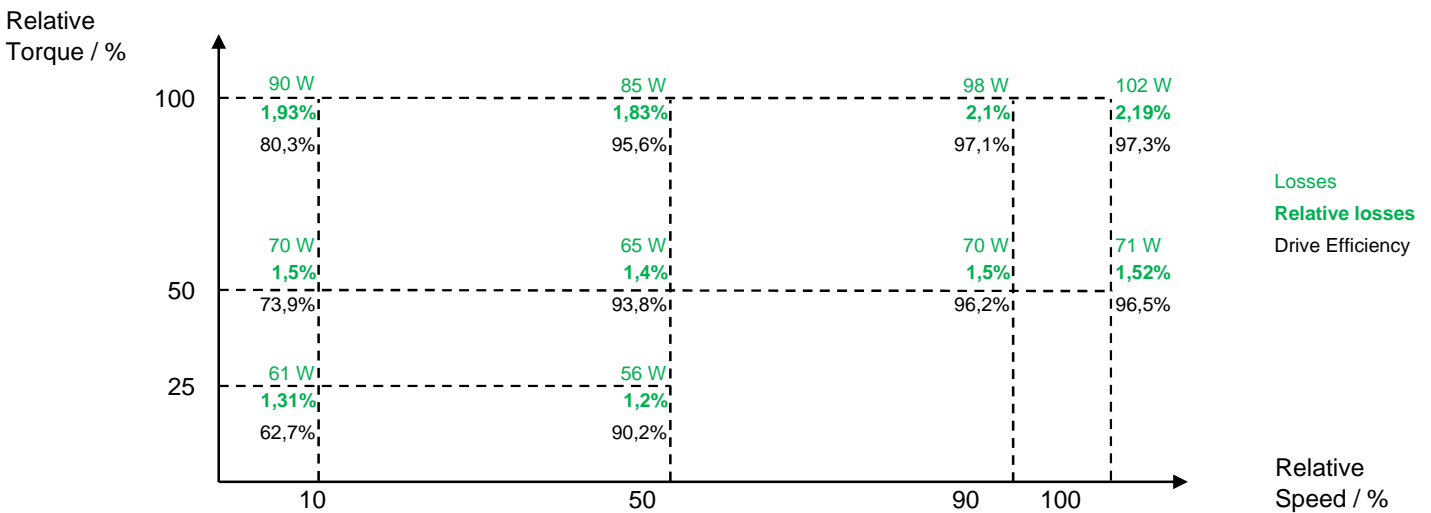
Reference : **ATV650U22N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 2,2 kW / 3 HP
 Overload : Normal Duty
 Nominal current : 5,6 A
 Nominal apparent power : 4,7 kVA
 Nominal frequency : 50 Hz

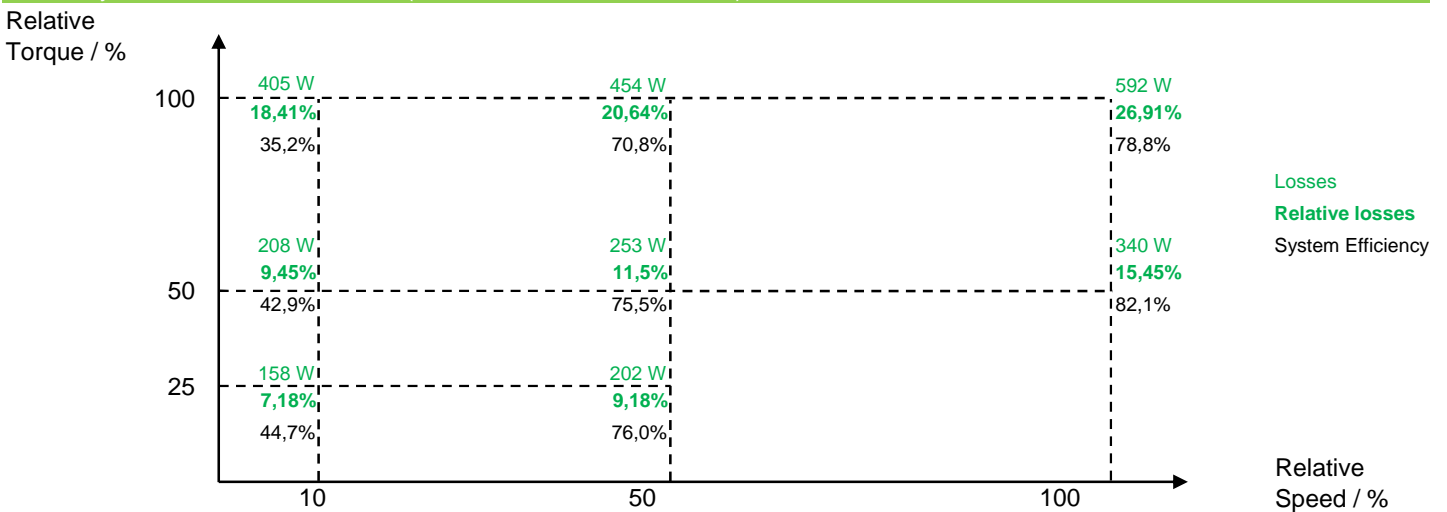


Efficiency data for the Drive

Standby losses : 15 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

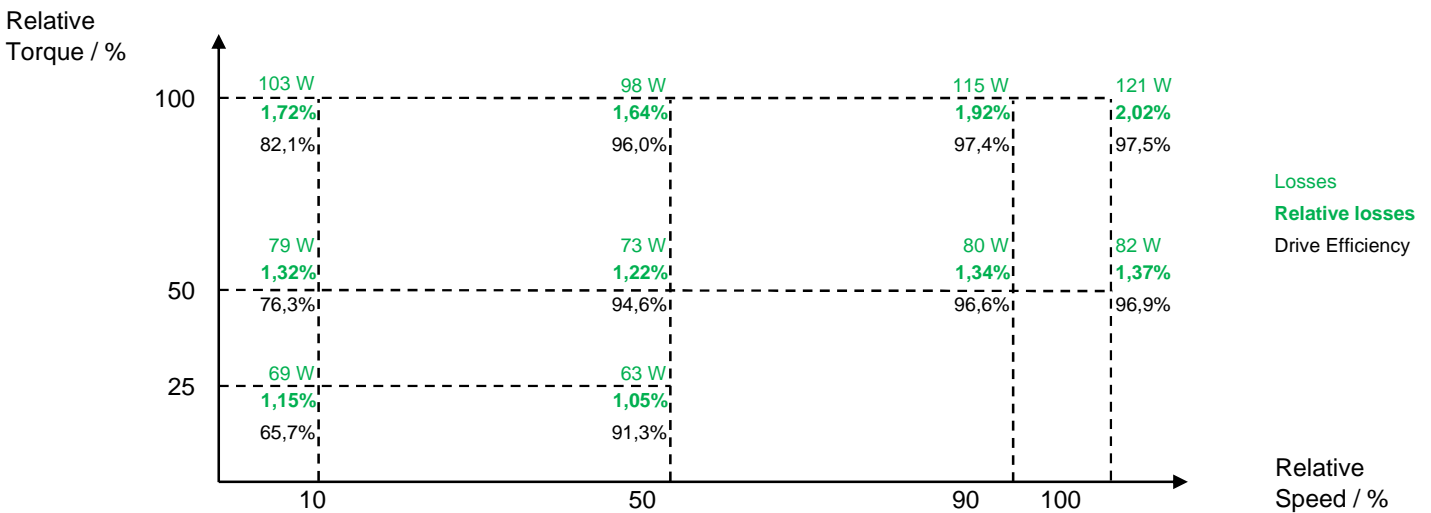
Reference : **ATV650U30N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 3 kW / - HP
 Overload : Normal Duty
 Nominal current : 7,2 A
 Nominal apparent power : 6 kVA
 Nominal frequency : 50 Hz

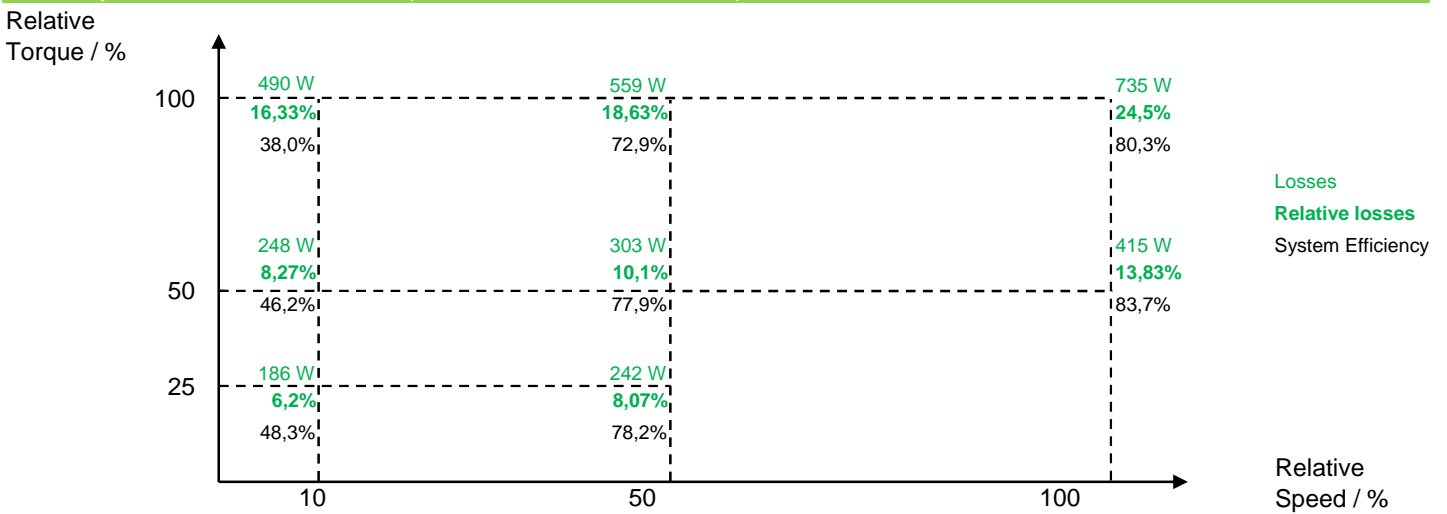


Efficiency data for the Drive

Standby losses : 15 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

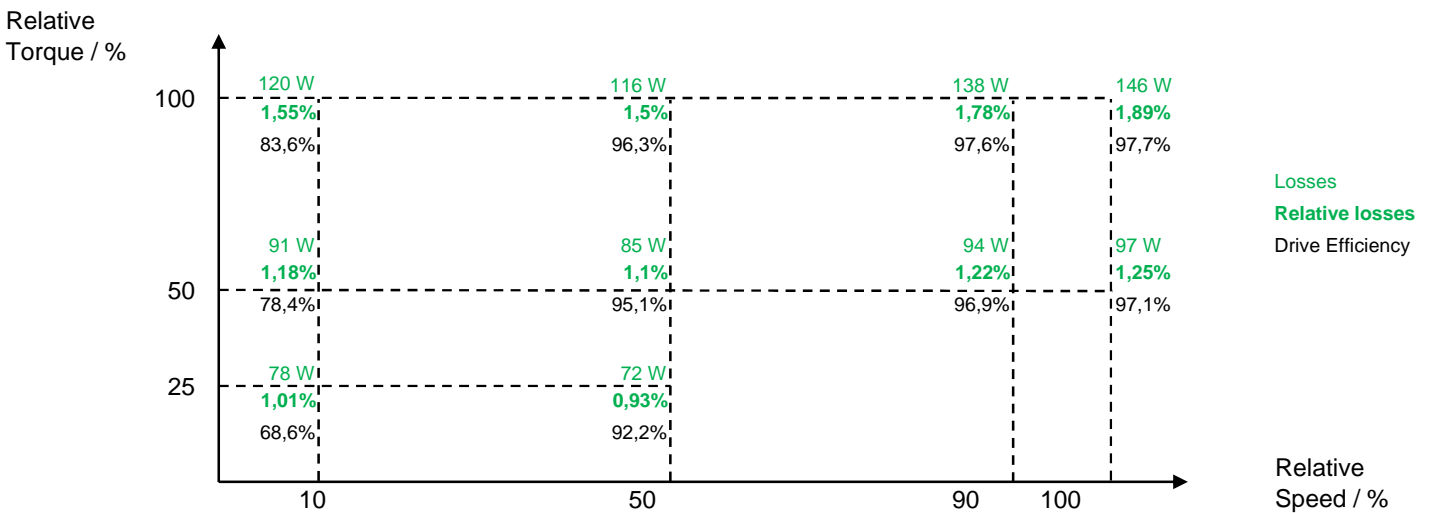
Reference : **ATV650U40N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 4 kW / 5 HP
 Overload : Normal Duty
 Nominal current : 9,3 A
 Nominal apparent power : 7,7 kVA
 Nominal frequency : 50 Hz

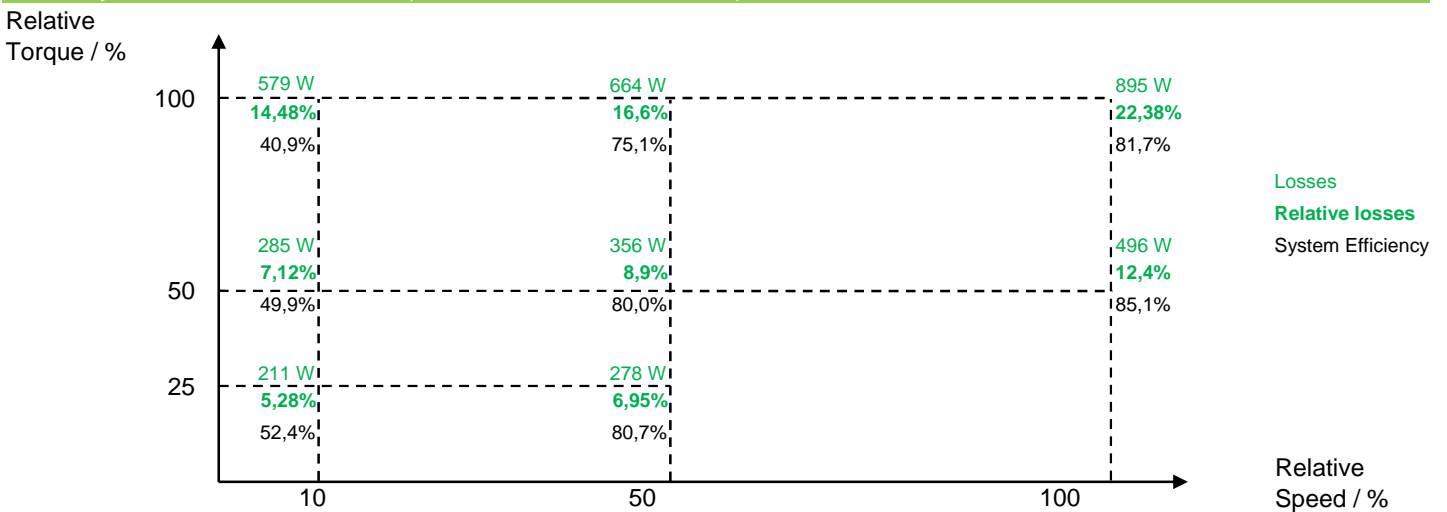


Efficiency data for the Drive

Standby losses : 15 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV650U55N4(E)**

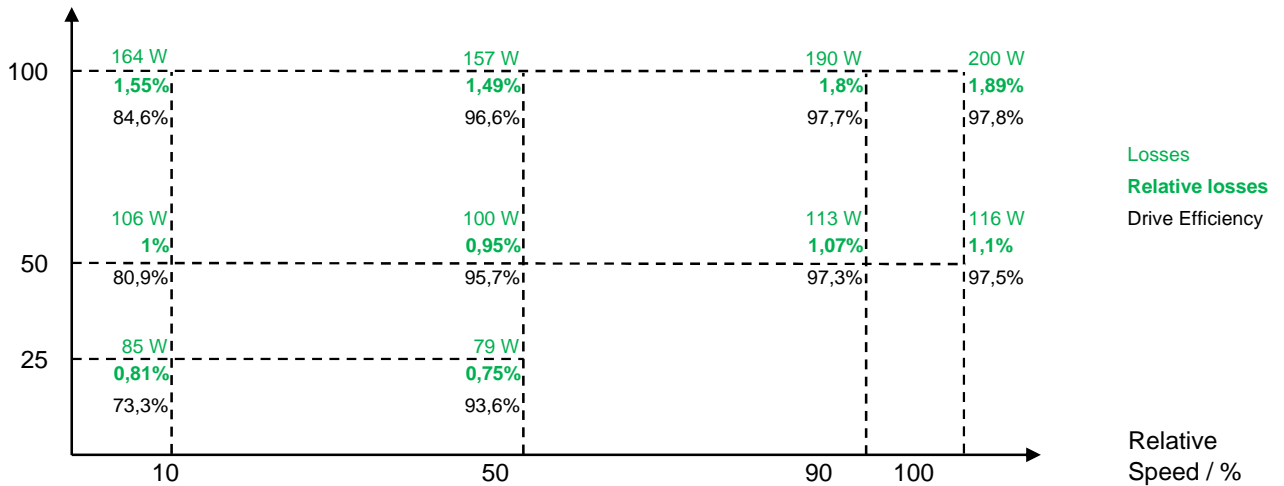
Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 5,5 kW / 7,5 HP
 Overload : Normal Duty
 Nominal current : 12,7 A
 Nominal apparent power : 10,6 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

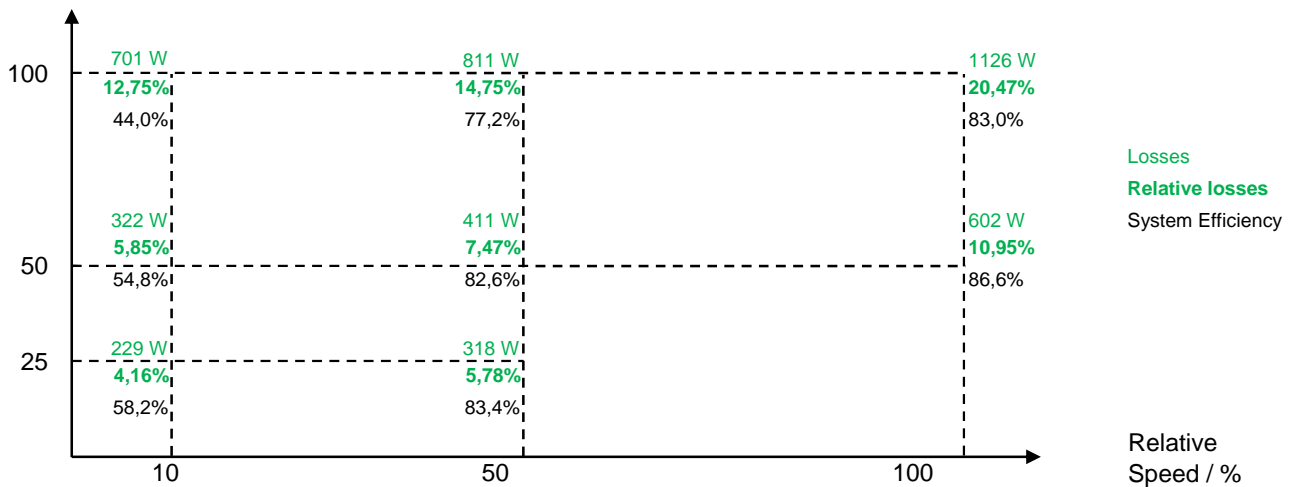
Standby losses : 15 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

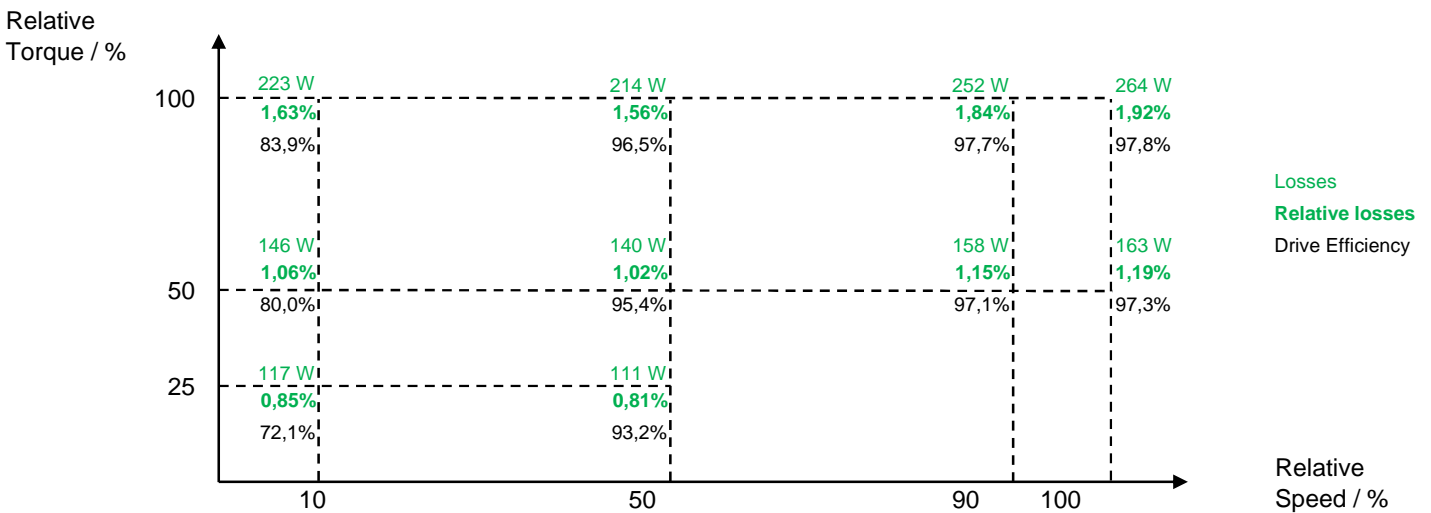
Reference : **ATV650U75N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 7,5 kW / 10 HP
 Overload : Normal Duty
 Nominal current : 16,5 A
 Nominal apparent power : 13,7 kVA
 Nominal frequency : 50 Hz

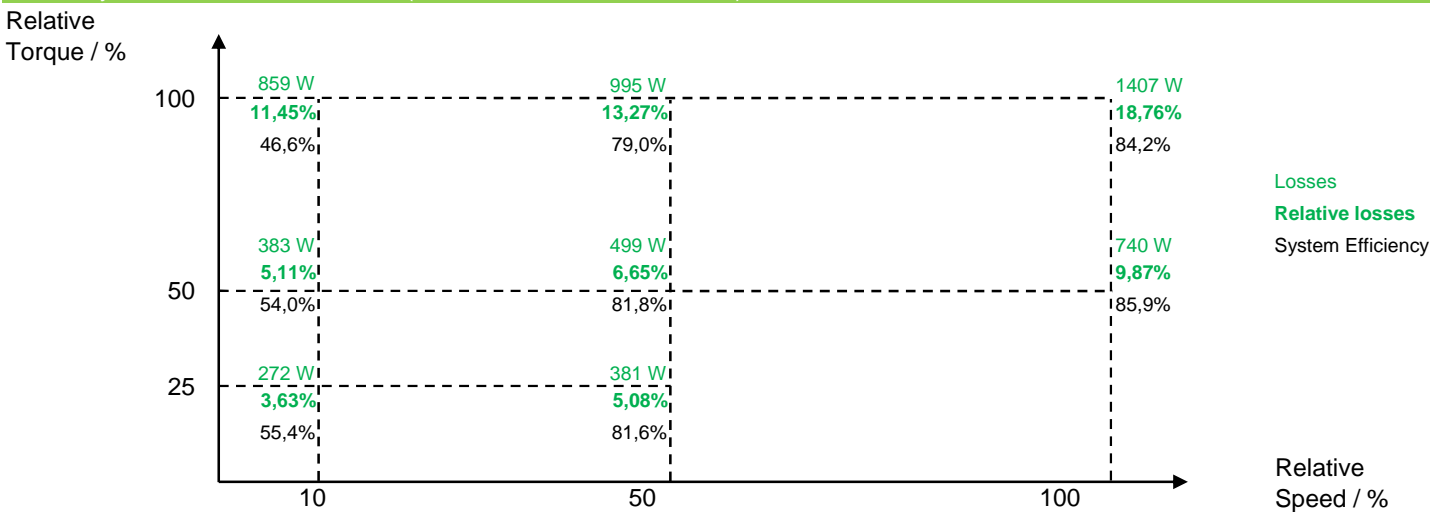


Efficiency data for the Drive

Standby losses : 19 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

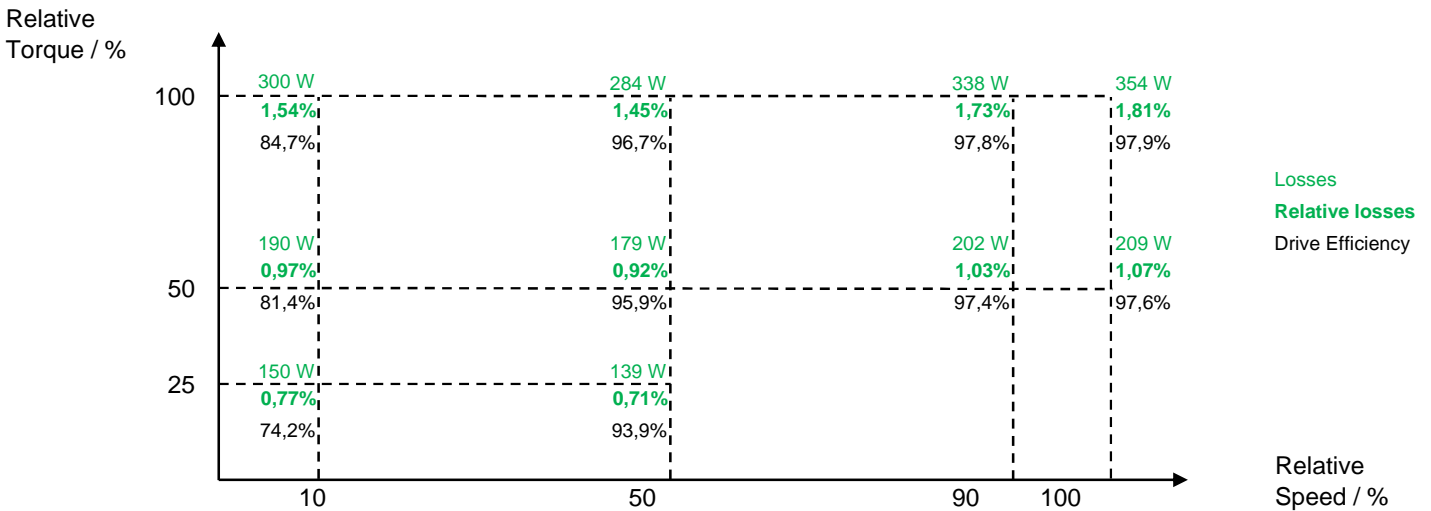
Reference : **ATV650D11N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 11 kW / 15 HP
 Overload : Normal Duty
 Nominal current : 23,5 A
 Nominal apparent power : 19,5 kVA
 Nominal frequency : 50 Hz

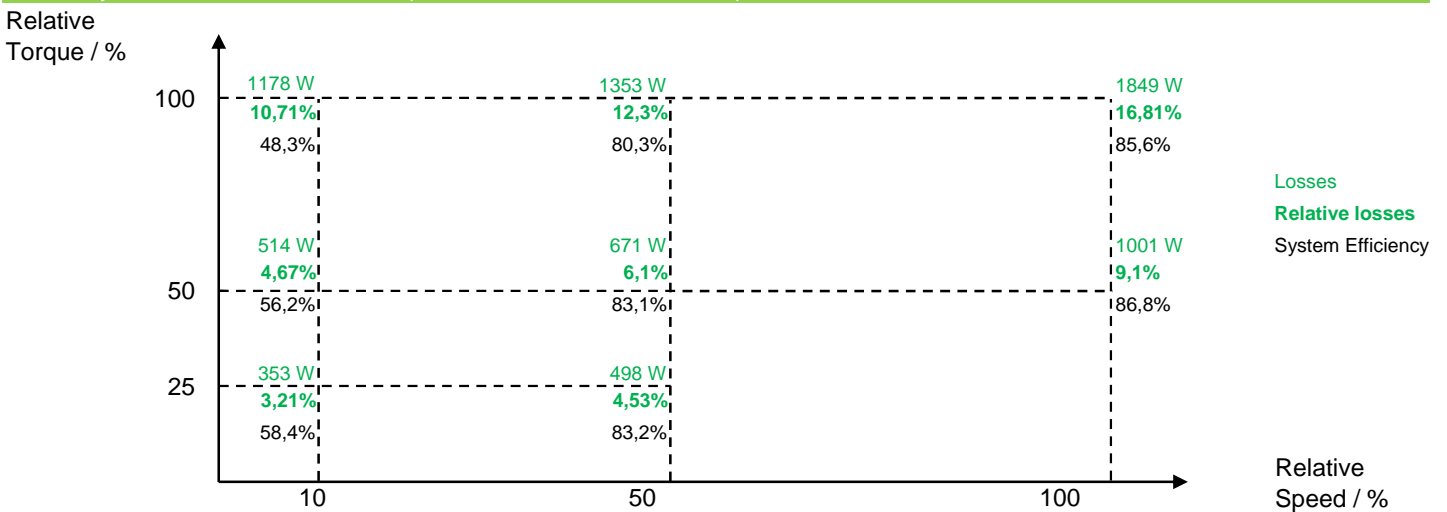


Efficiency data for the Drive

Standby losses : 19 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

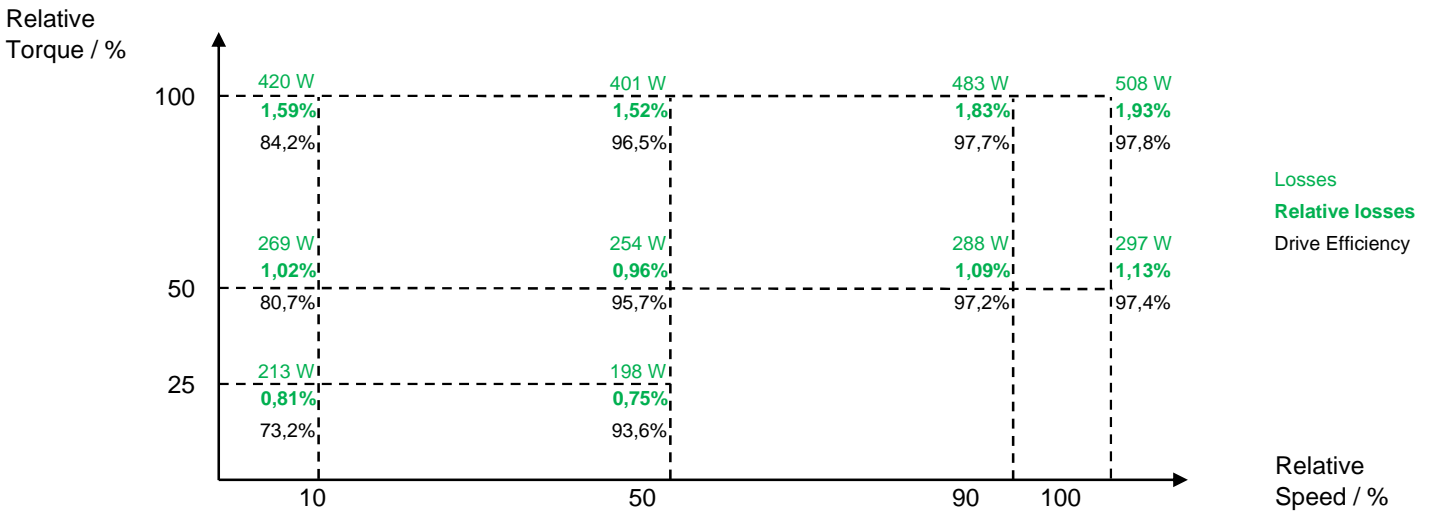
Reference : **ATV650D15N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 15 kW / 20 HP
 Overload : Normal Duty
 Nominal current : 31,7 A
 Nominal apparent power : 26,4 kVA
 Nominal frequency : 50 Hz

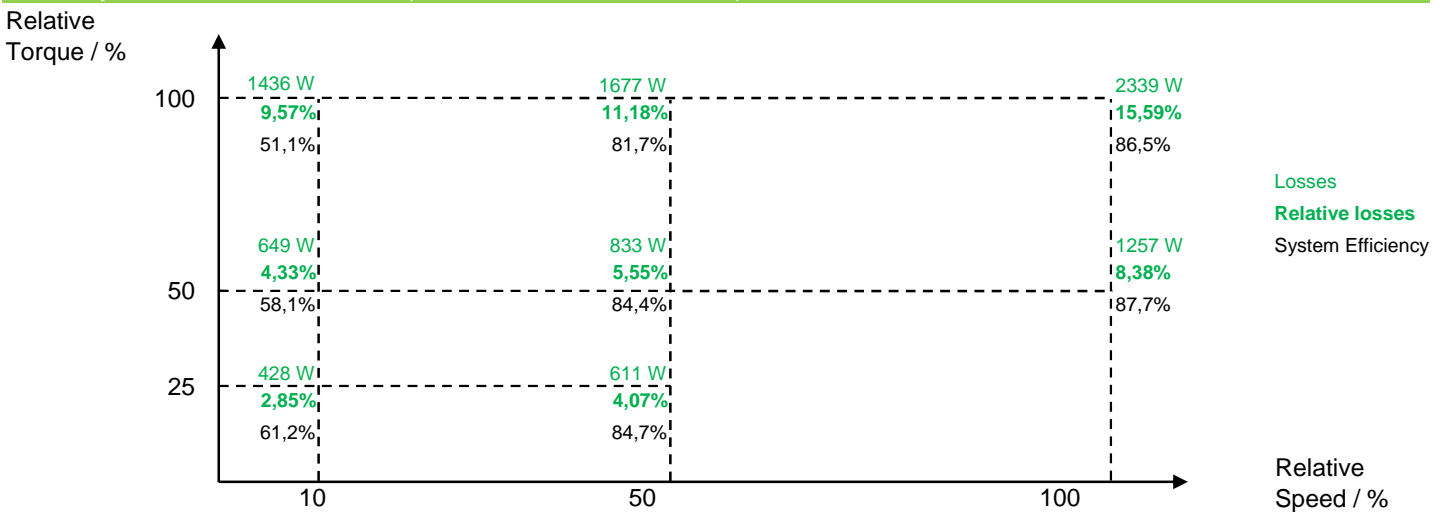


Efficiency data for the Drive

Standby losses : 24 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

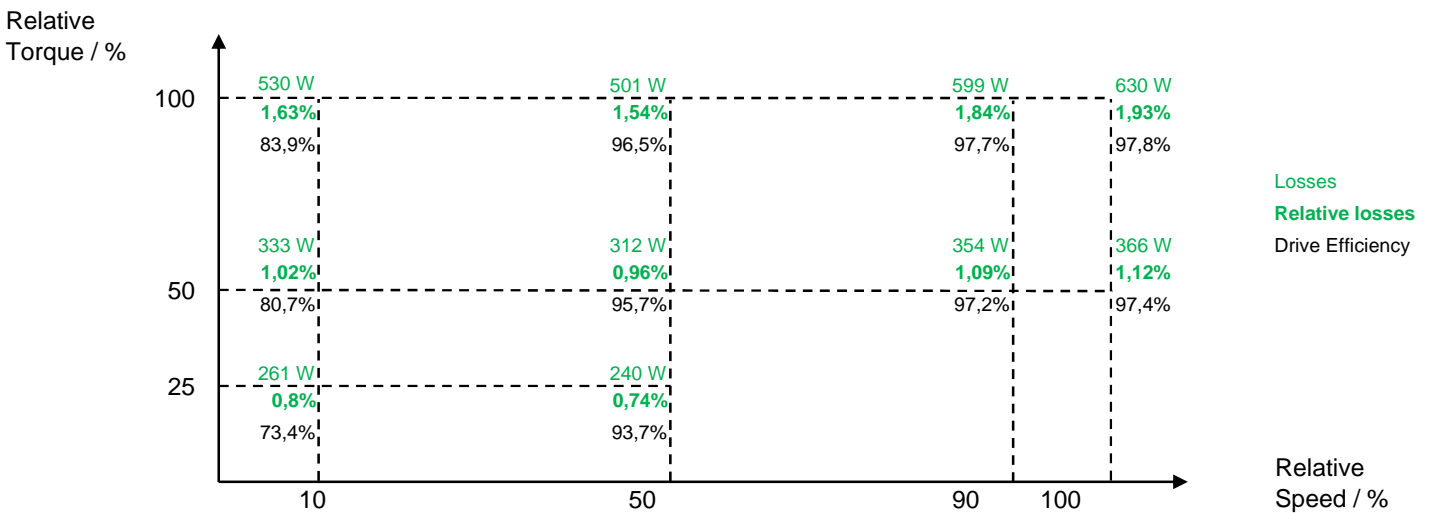
Reference : **ATV650D18N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 18,5 kW / 25 HP
 Overload : Normal Duty
 Nominal current : 39,2 A
 Nominal apparent power : 32,6 kVA
 Nominal frequency : 50 Hz

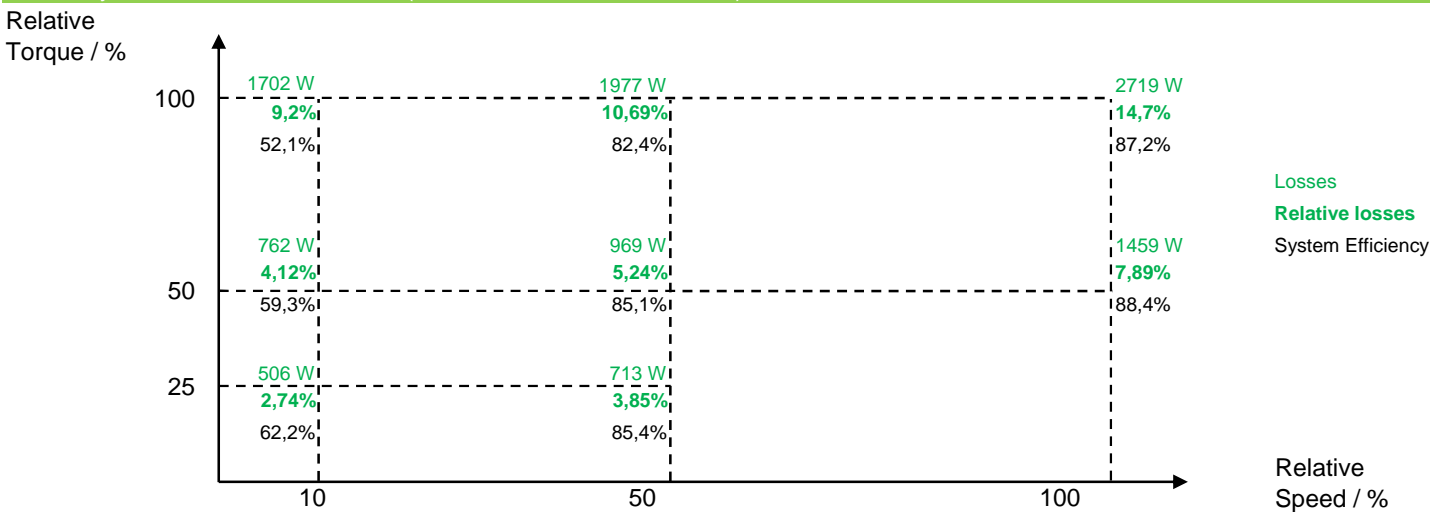


Efficiency data for the Drive

Standby losses : 24 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

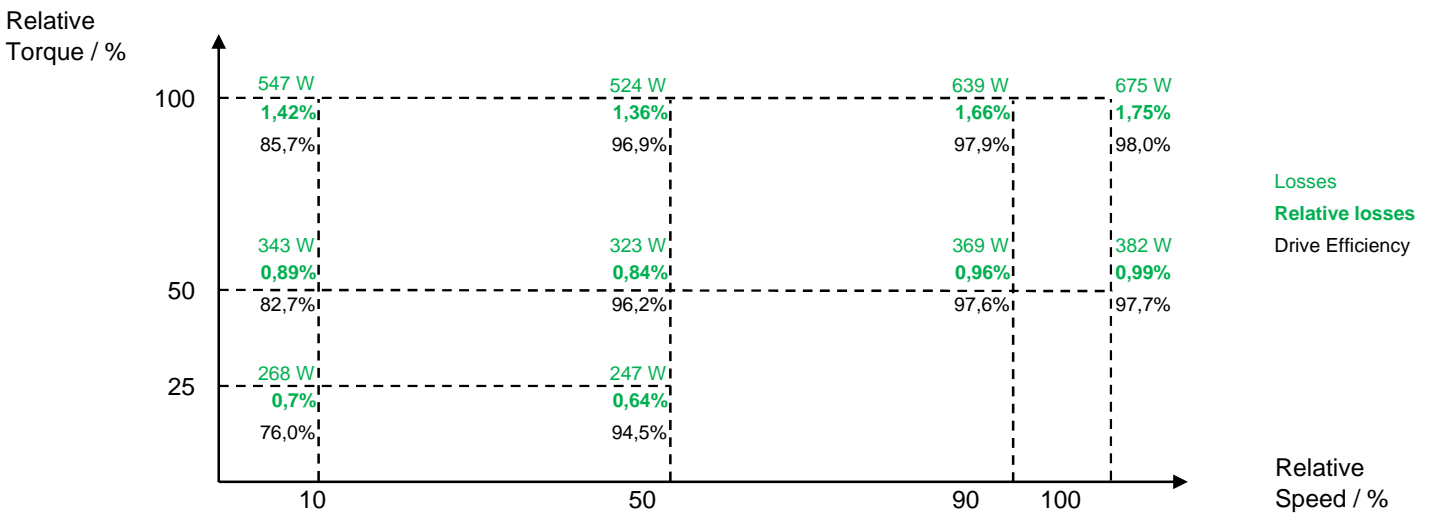
Reference : **ATV650D22N4(E)**



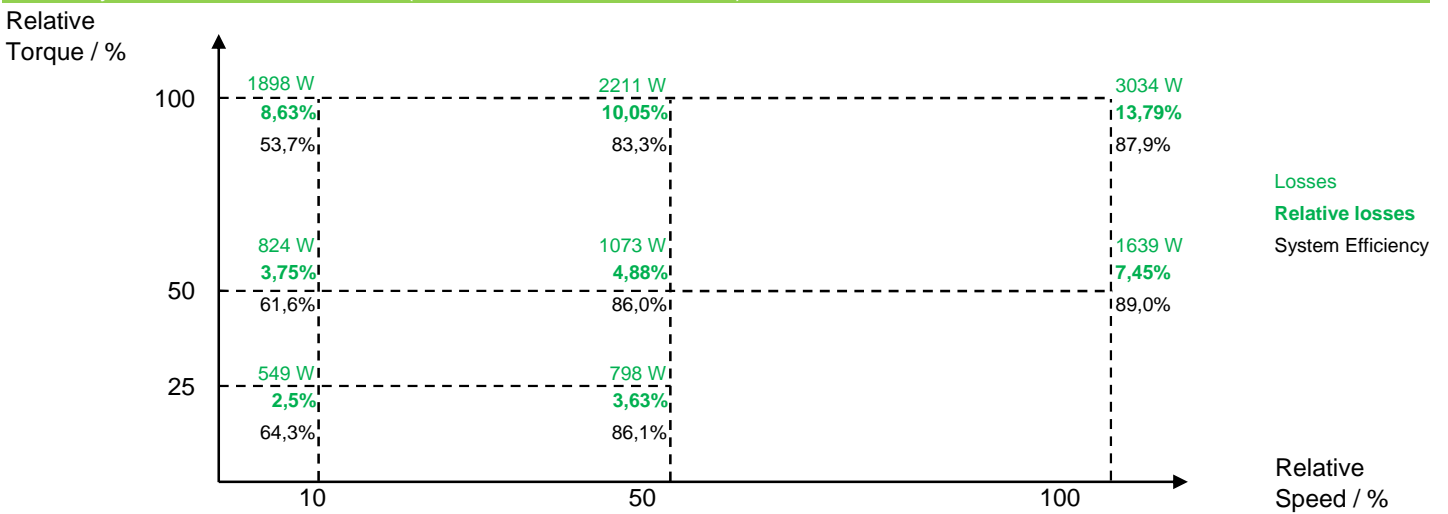
Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 22 kW / 30 HP
 Overload : Normal Duty
 Nominal current : 46,3 A
 Nominal apparent power : 38,5 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

Standby losses : 24 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV650D30N4(E)**

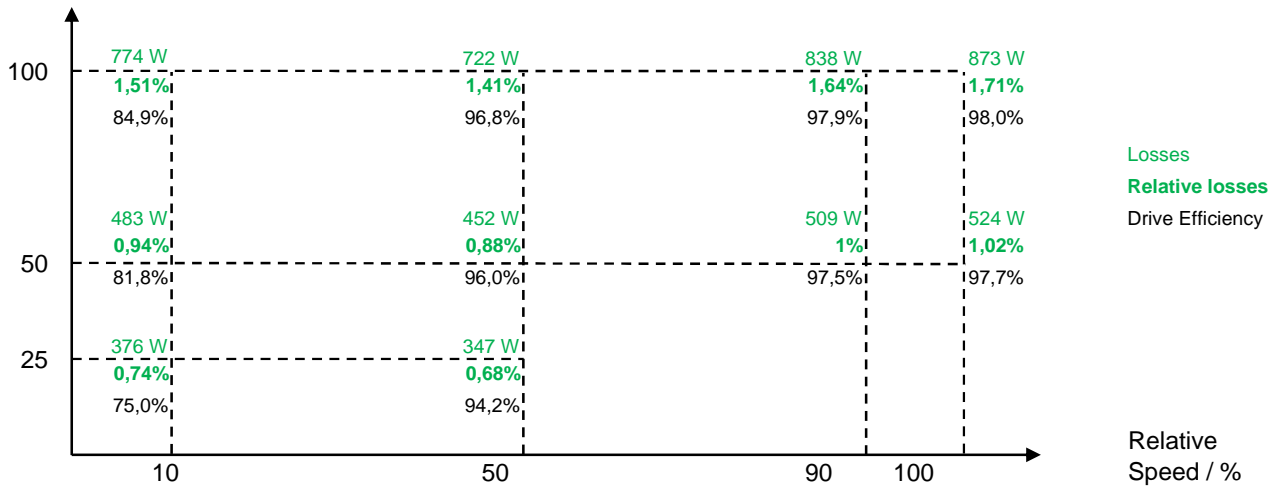
Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 30 kW / 40 HP
 Overload : Normal Duty
 Nominal current : 61,5 A
 Nominal apparent power : 51,1 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

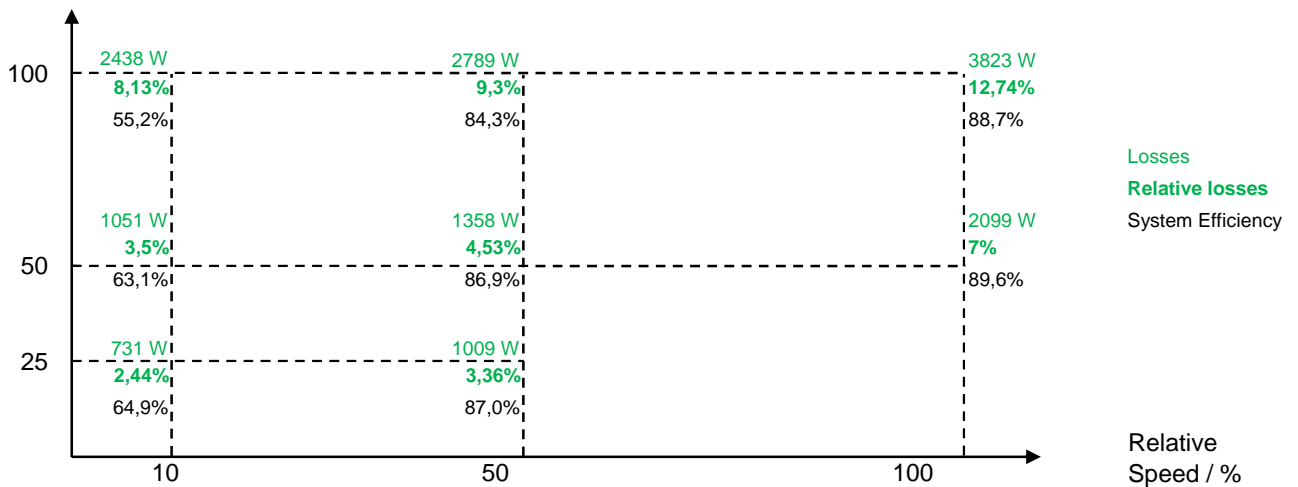
Standby losses : 33 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

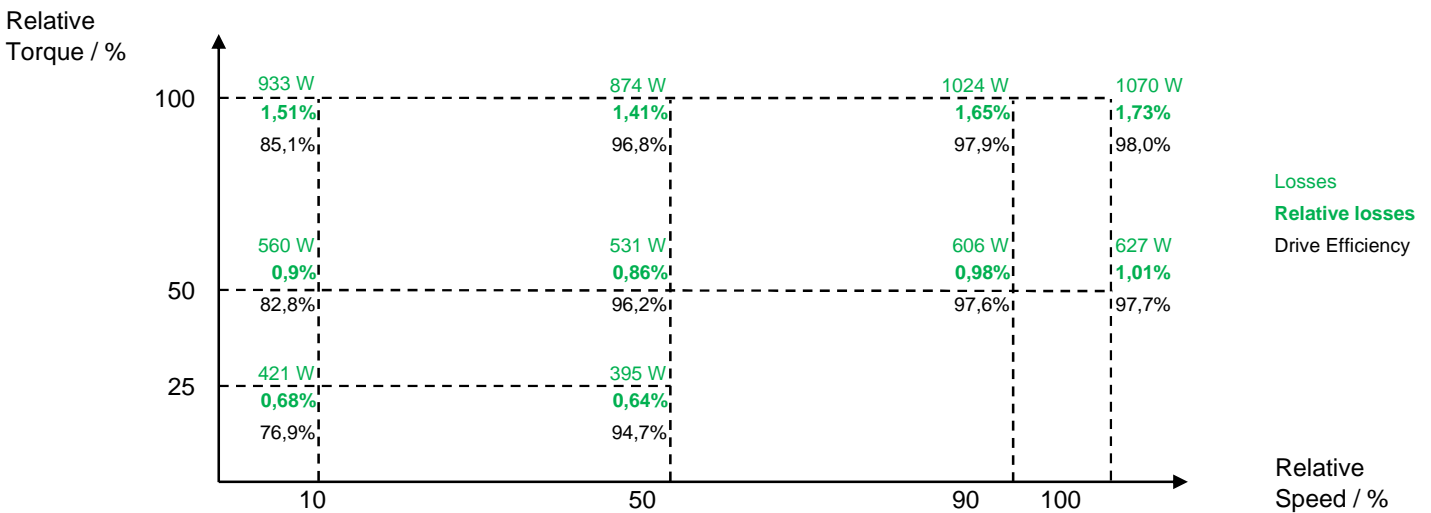
Reference : **ATV650D37N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 37 kW / 50 HP
 Overload : Normal Duty
 Nominal current : 74,5 A
 Nominal apparent power : 61,9 kVA
 Nominal frequency : 50 Hz

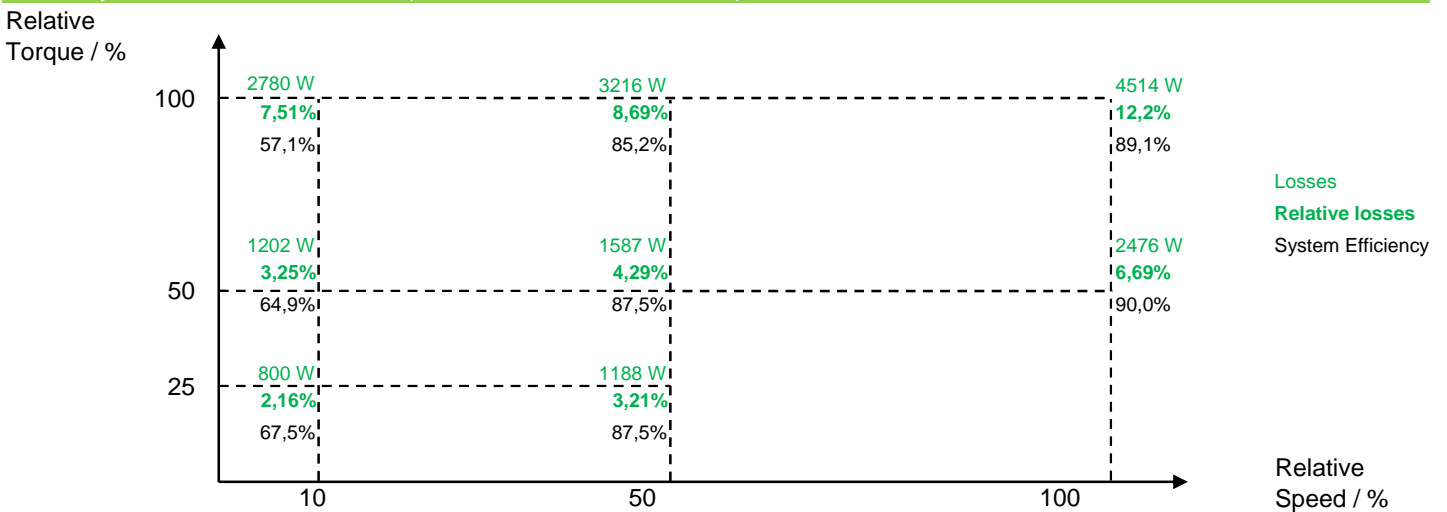


Efficiency data for the Drive

Standby losses : 33 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV650D45N4(E)**

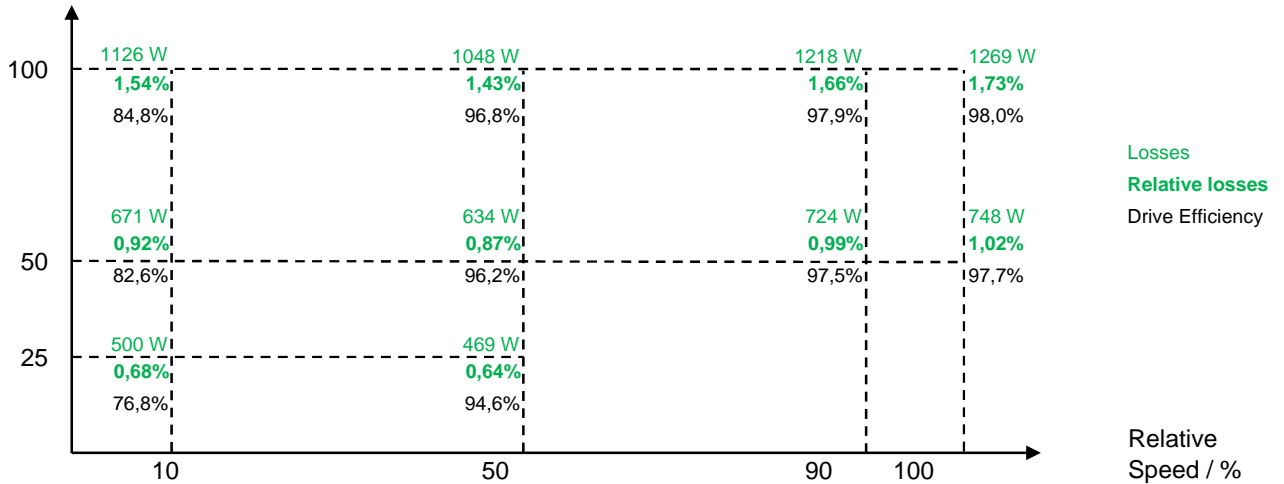
Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 45 kW / 60 HP
 Overload : Normal Duty
 Nominal current : 88 A
 Nominal apparent power : 73,2 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

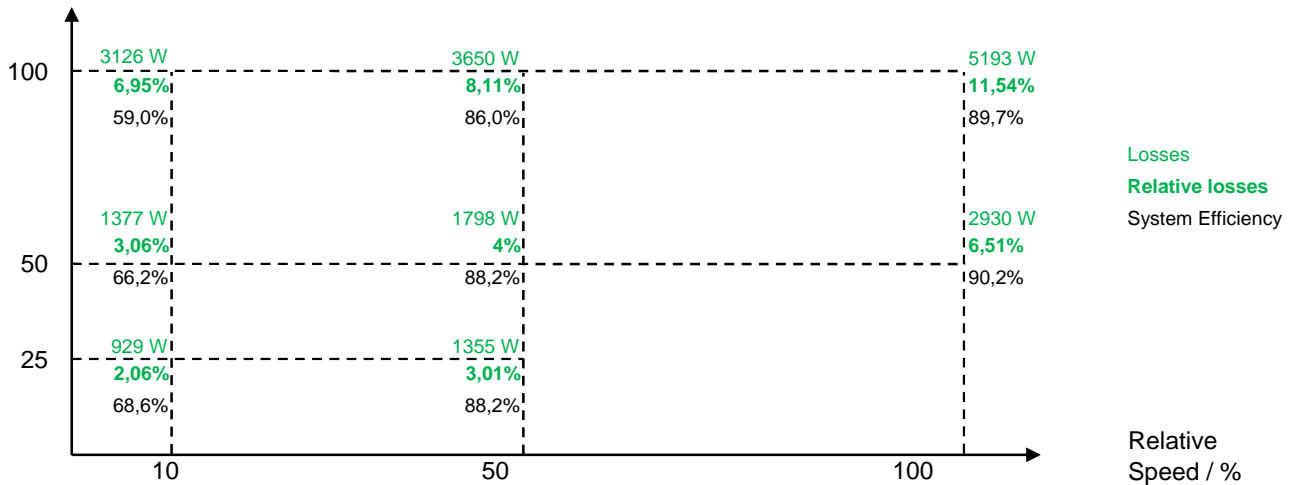
Standby losses : 33 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

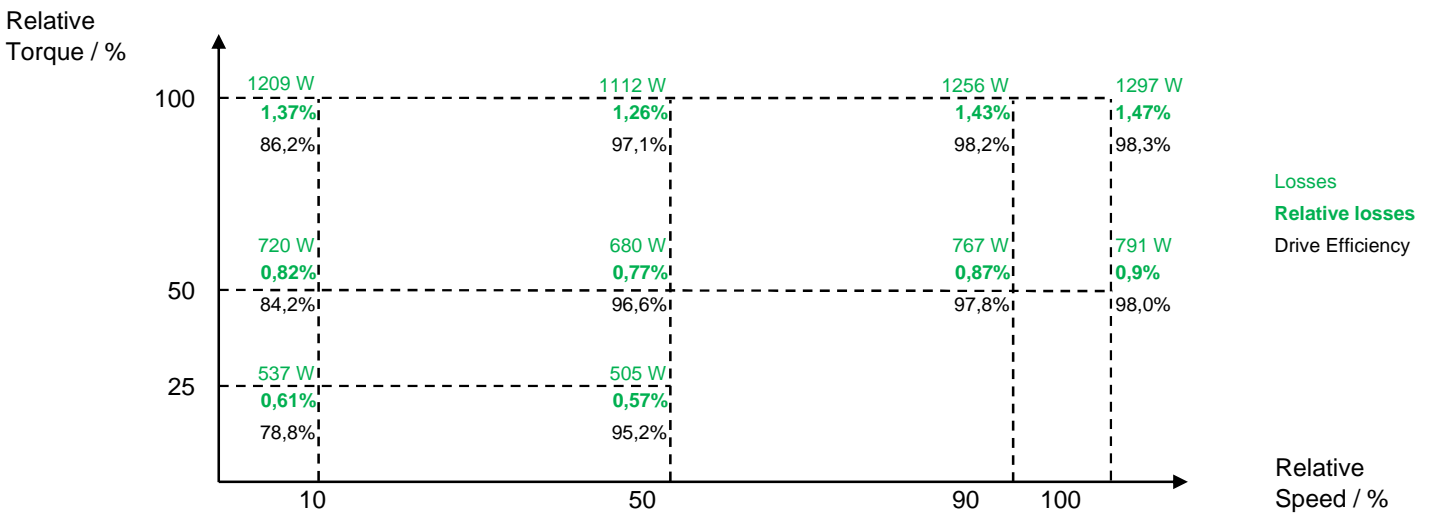
Reference : **ATV650D55N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 55 kW / 75 HP
 Overload : Normal Duty
 Nominal current : 106 A
 Nominal apparent power : 88,1 kVA
 Nominal frequency : 50 Hz

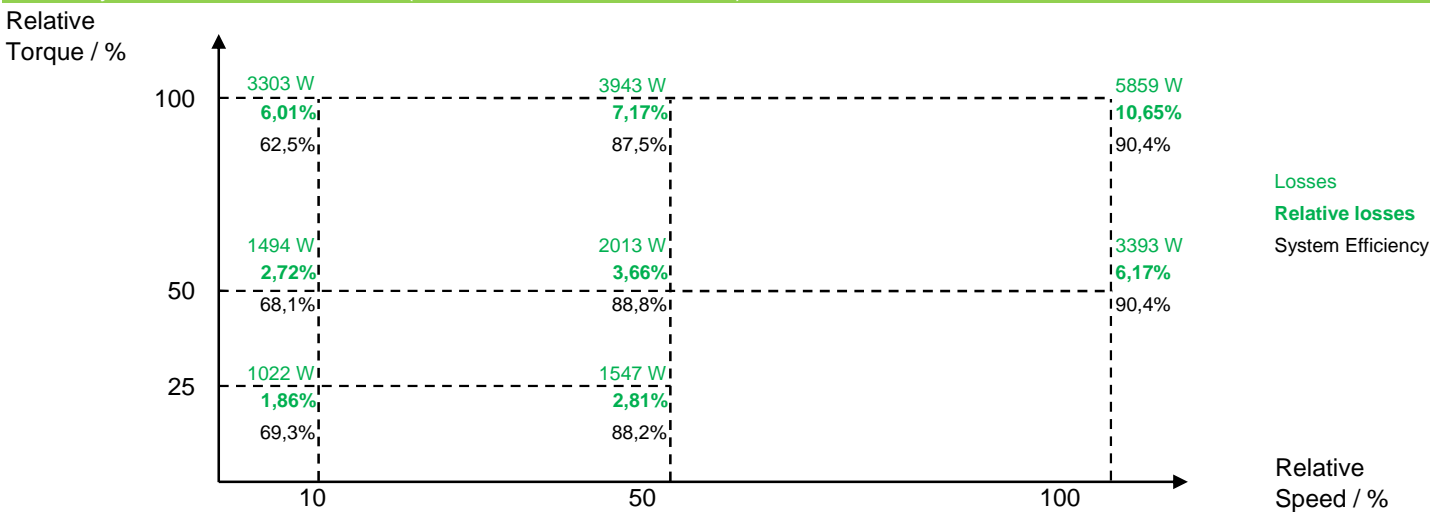


Efficiency data for the Drive

Standby losses : 32 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

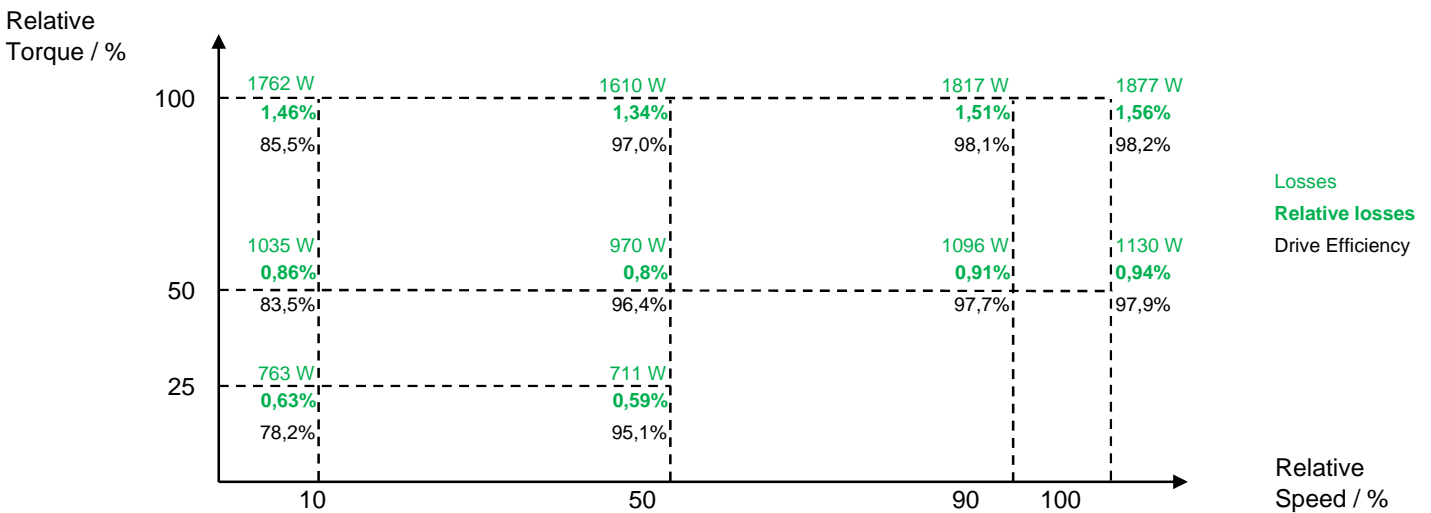
Reference : **ATV650D75N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 75 kW / 100 HP
 Overload : Normal Duty
 Nominal current : 145 A
 Nominal apparent power : 120,6 kVA
 Nominal frequency : 50 Hz

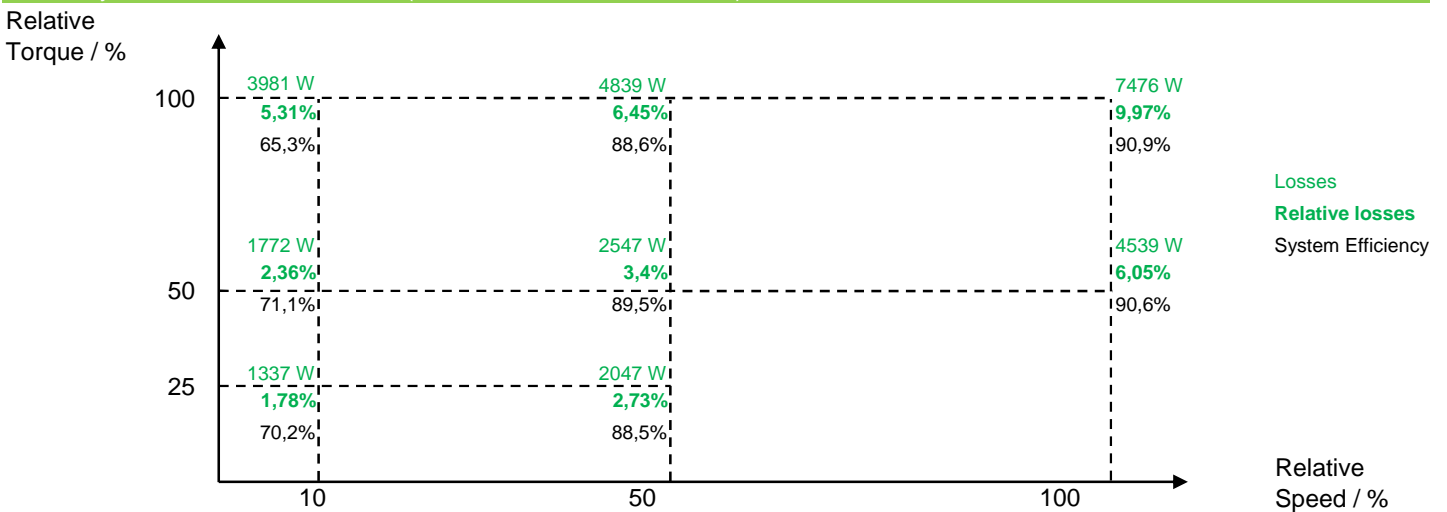


Efficiency data for the Drive

Standby losses : 32 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

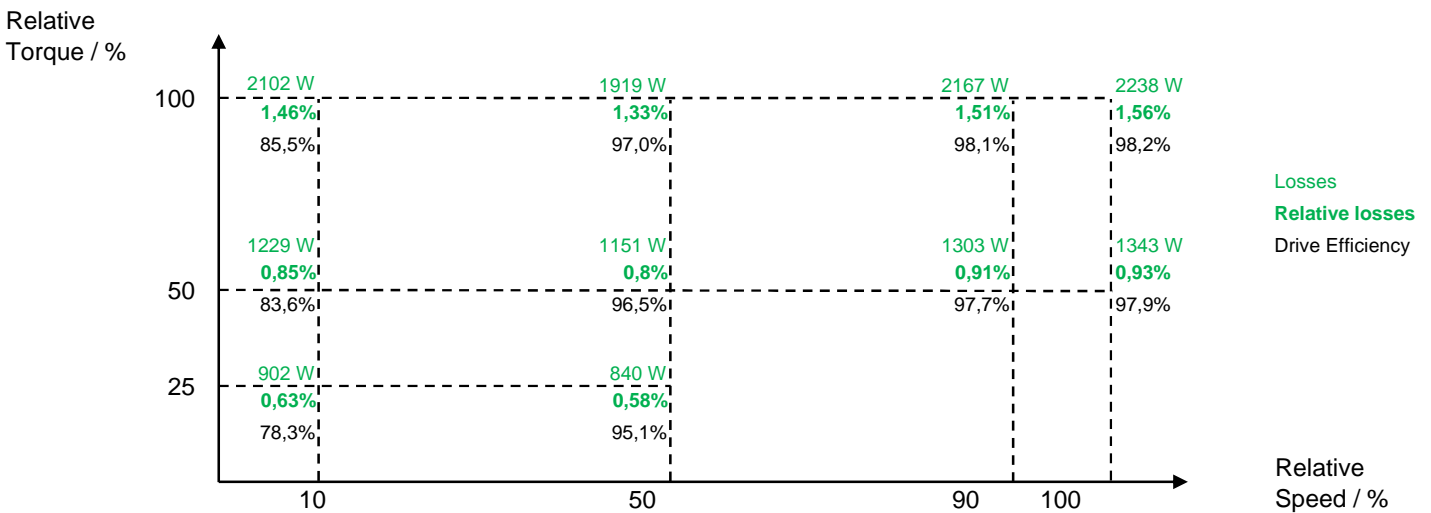
Reference : **ATV650D90N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 90 kW / 125 HP
 Overload : Normal Duty
 Nominal current : 173 A
 Nominal apparent power : 143,8 kVA
 Nominal frequency : 50 Hz

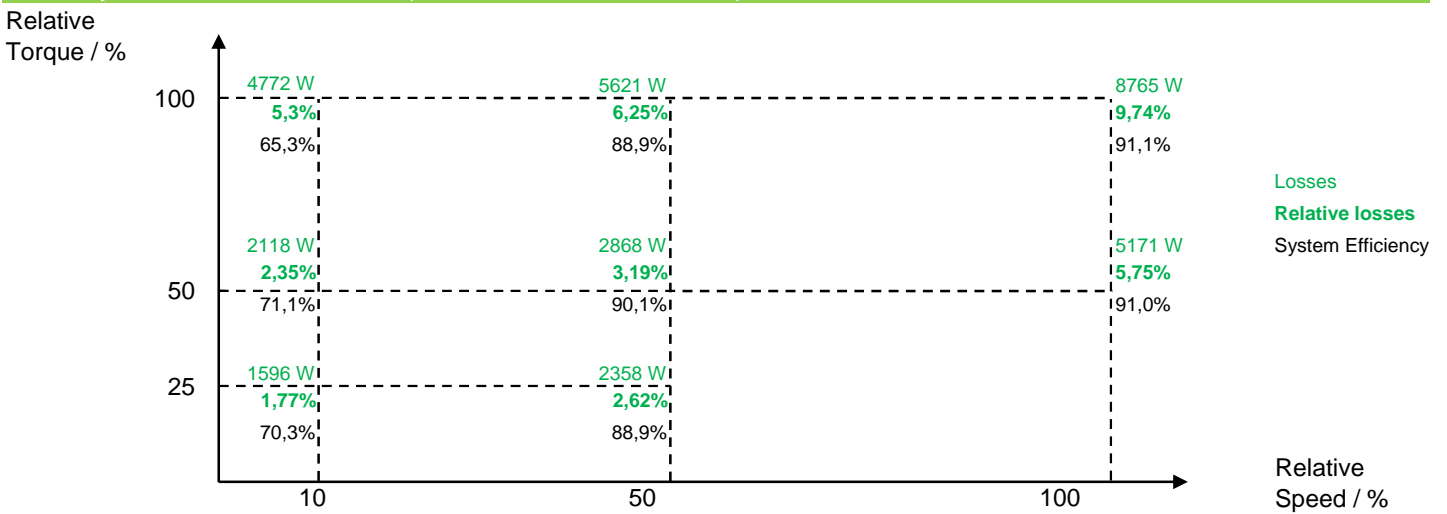


Efficiency data for the Drive

Standby losses : 32 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV650C11N4F**

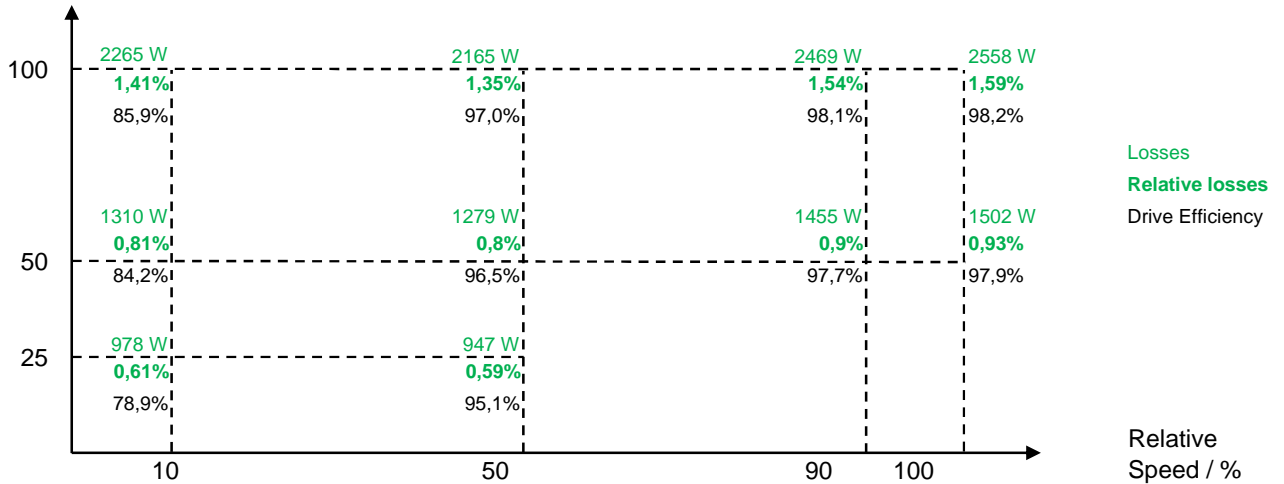


Series : Altivar Process ATV600
 Nominal voltage : 3x 440 VAC
 Nominal power : 110 kW / - HP
 Overload : Normal Duty
 Nominal current : 211 A
 Nominal apparent power : 160,8 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

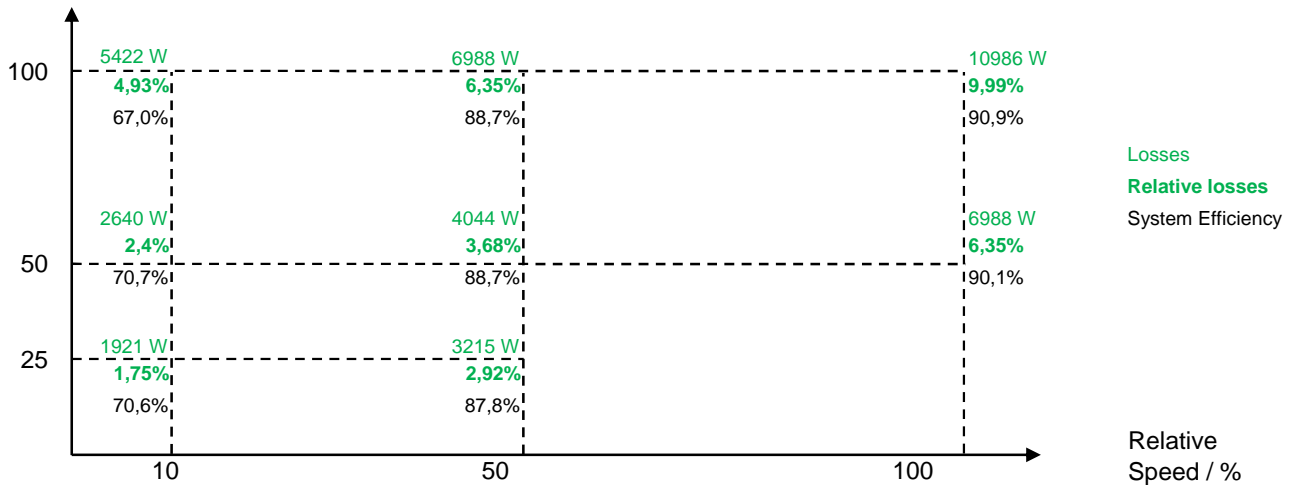
Standby losses : 87 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

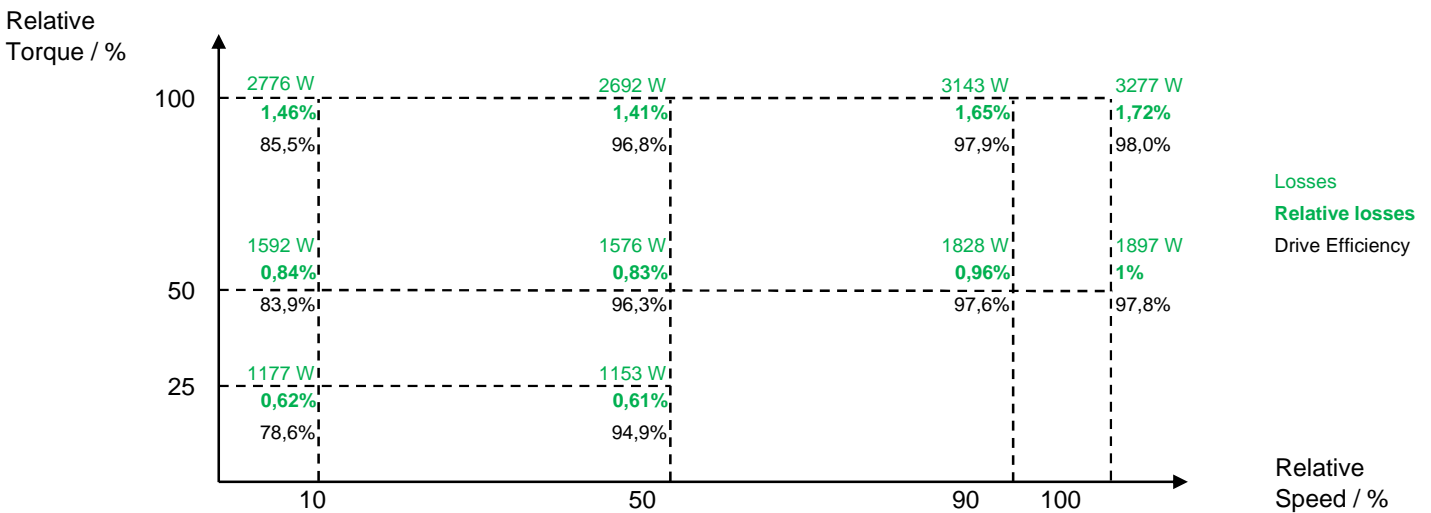
Reference : **ATV650C13N4F**

Series : Altivar Process ATV600
 Nominal voltage : 3x 440 VAC
 Nominal power : 132 kW / - HP
 Overload : Normal Duty
 Nominal current : 250 A
 Nominal apparent power : 190,5 kVA
 Nominal frequency : 50 Hz

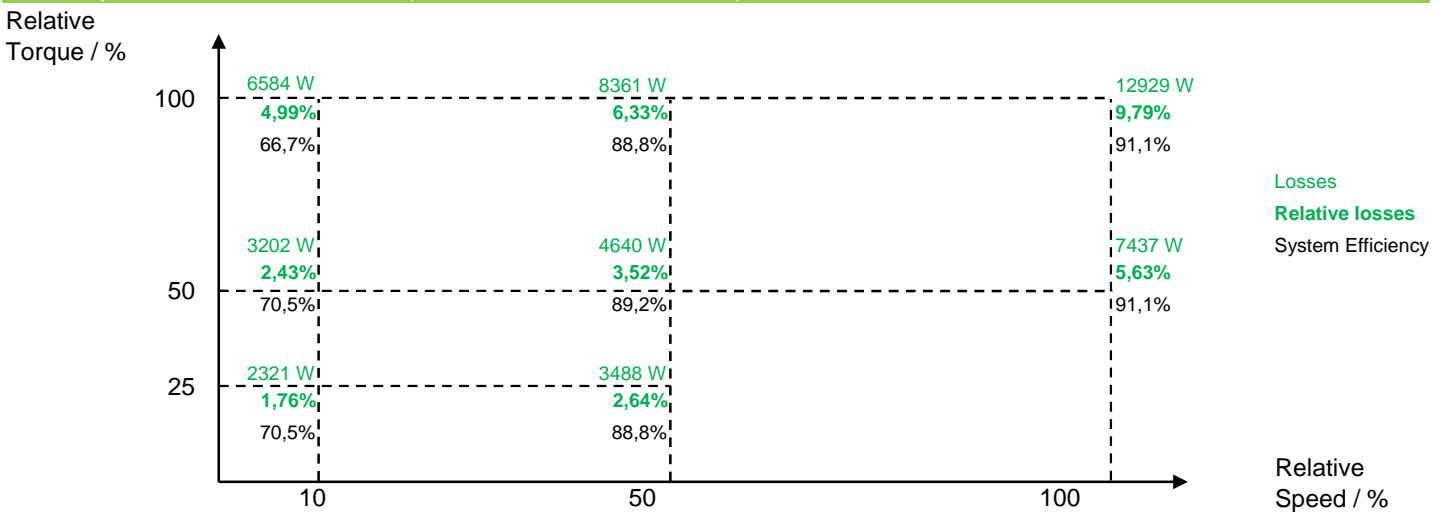


Efficiency data for the Drive

Standby losses : 87 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

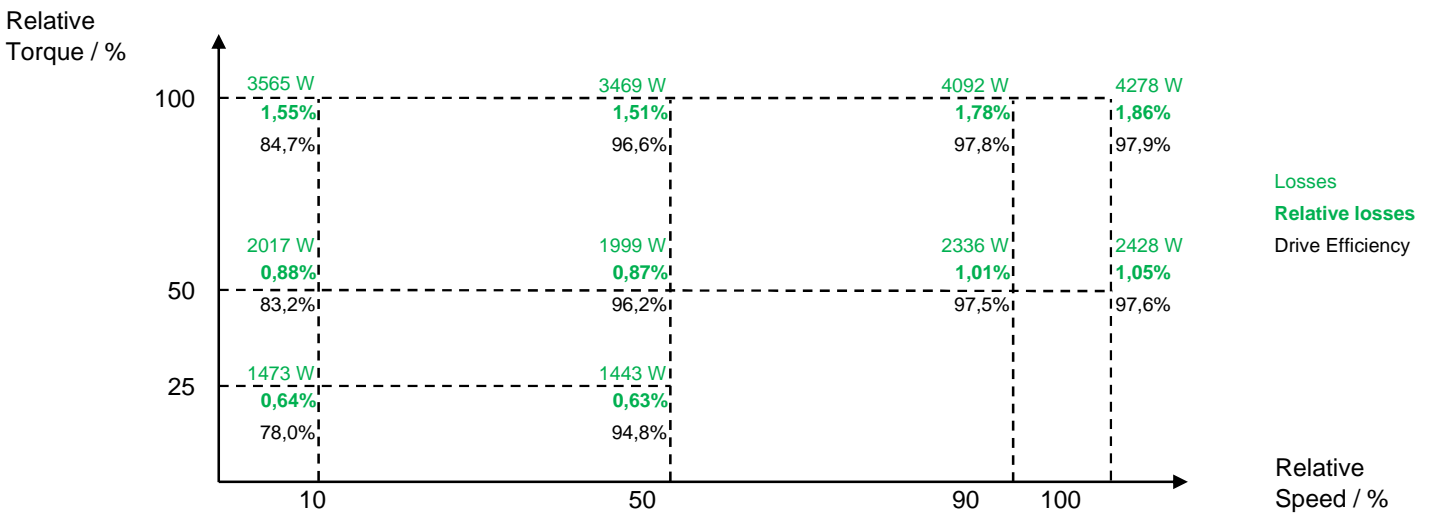
Reference : **ATV650C16N4F**

Series : Altivar Process ATV600
 Nominal voltage : 3x 440 VAC
 Nominal power : 160 kW / - HP
 Overload : Normal Duty
 Nominal current : 302 A
 Nominal apparent power : 230,2 kVA
 Nominal frequency : 50 Hz

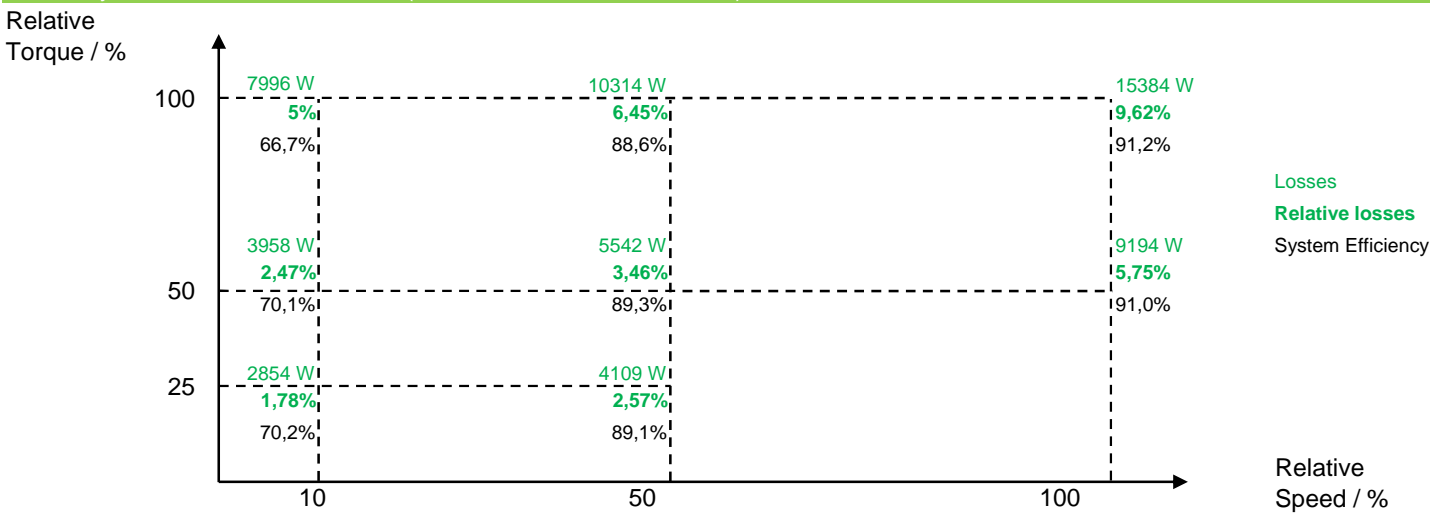


Efficiency data for the Drive

Standby losses : 87 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV650C20N4F**

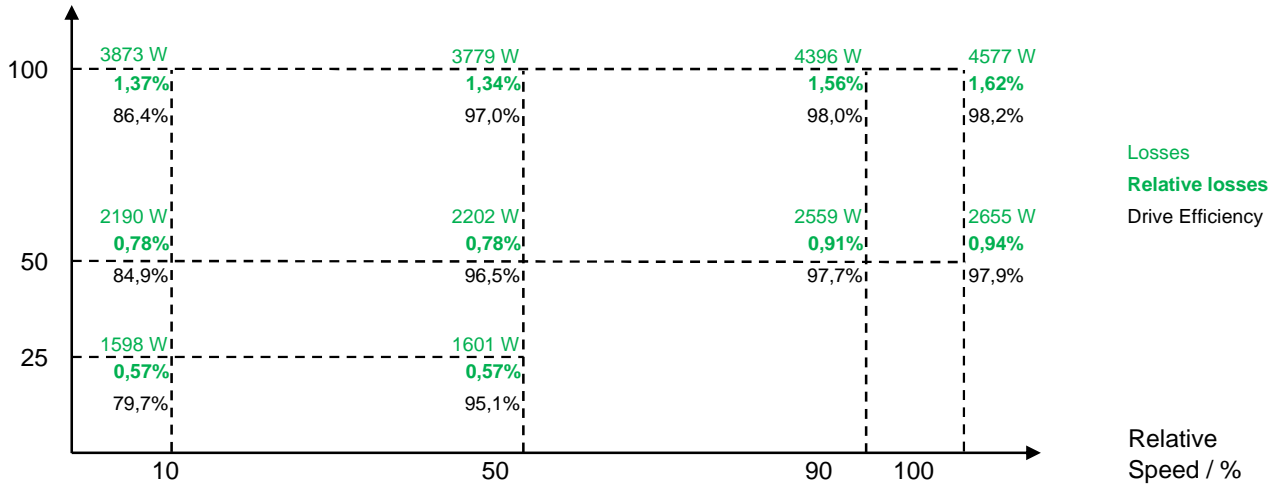


Series : Altivar Process ATV600
 Nominal voltage : 3x 440 VAC
 Nominal power : 200 kW / - HP
 Overload : Normal Duty
 Nominal current : 370 A
 Nominal apparent power : 282 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

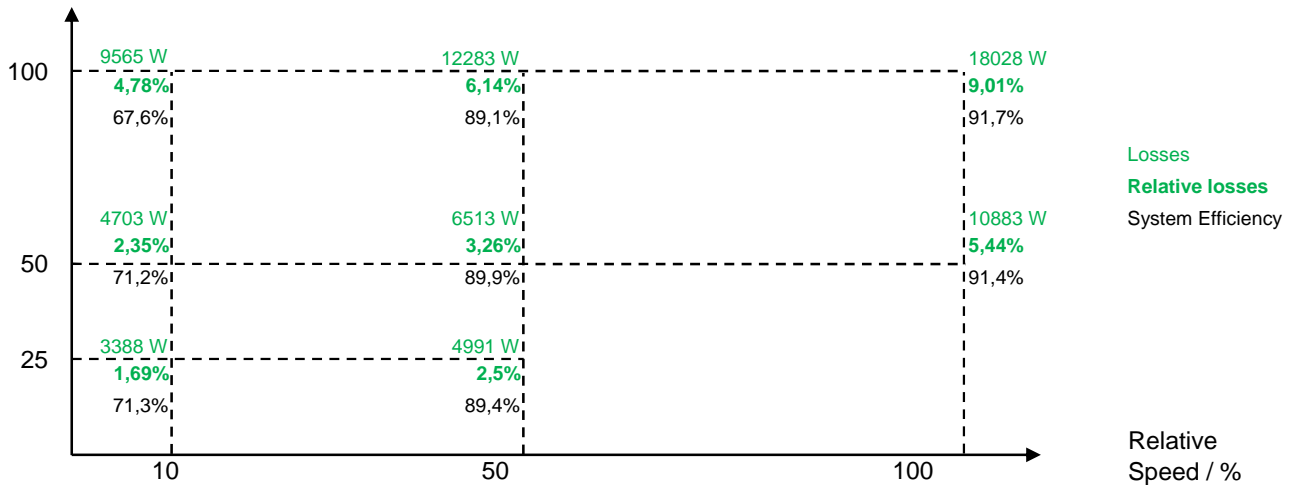
Standby losses : 169 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV650C25N4F**

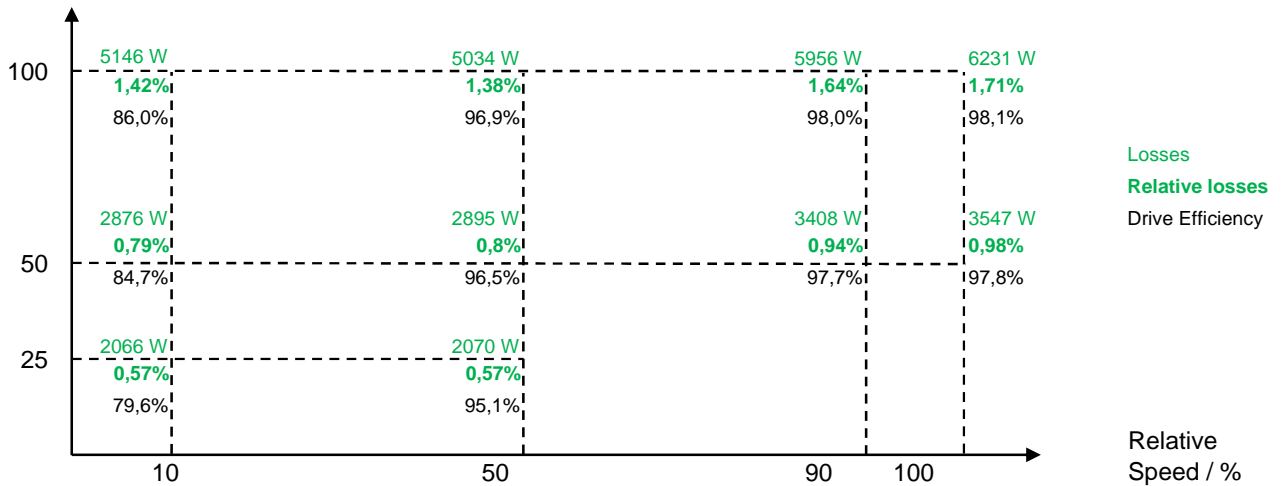


Series : Altivar Process ATV600
 Nominal voltage : 3x 440 VAC
 Nominal power : 250 kW / - HP
 Overload : Normal Duty
 Nominal current : 477 A
 Nominal apparent power : 363,5 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

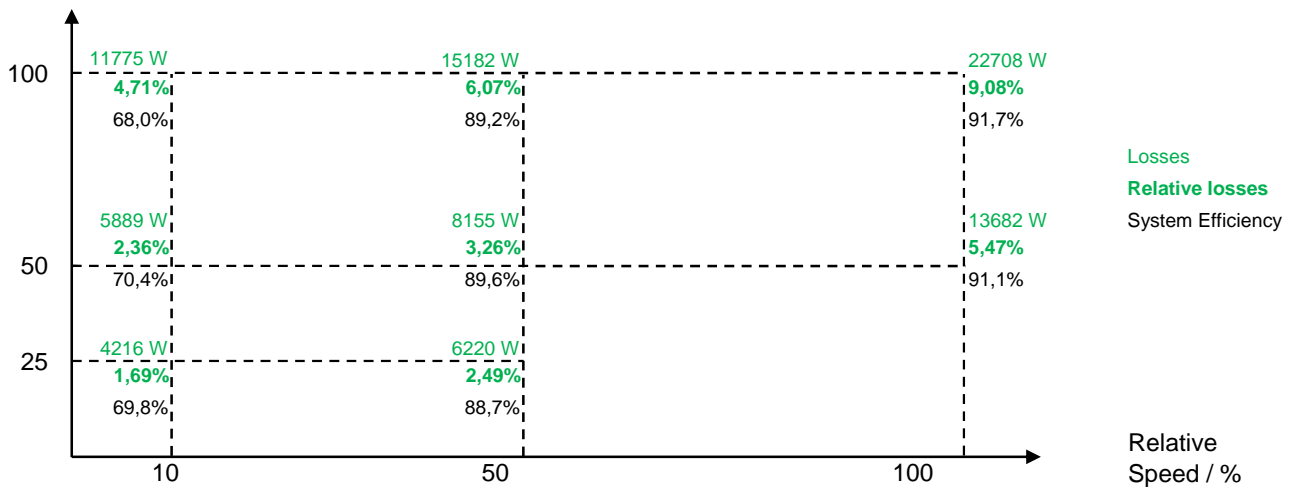
Standby losses : 169 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV650C31N4F**

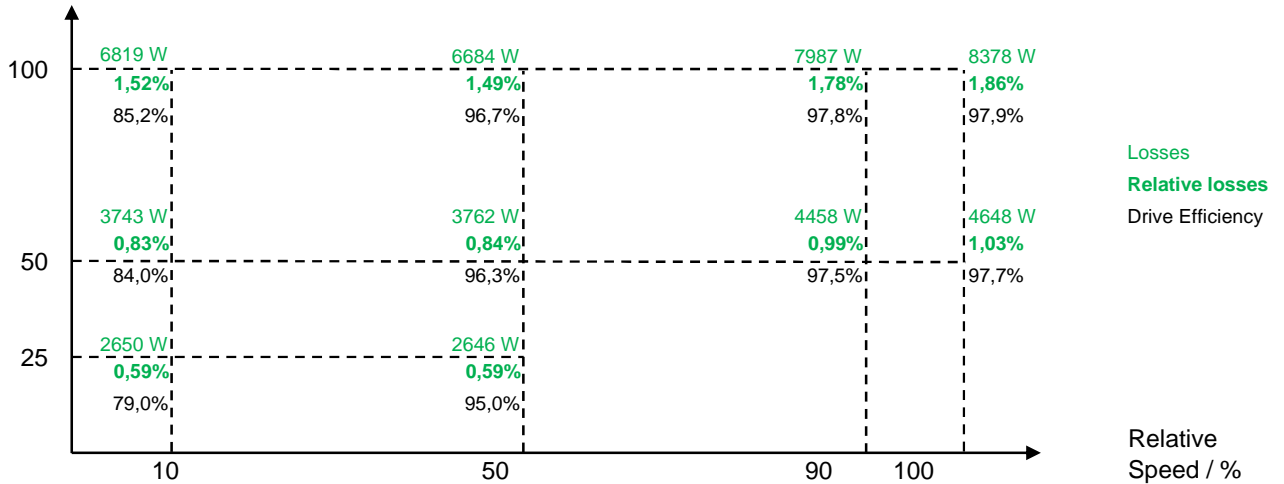


Series : Altivar Process ATV600
 Nominal voltage : 3x 440 VAC
 Nominal power : 315 kW / - HP
 Overload : Normal Duty
 Nominal current : 590 A
 Nominal apparent power : 449,6 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

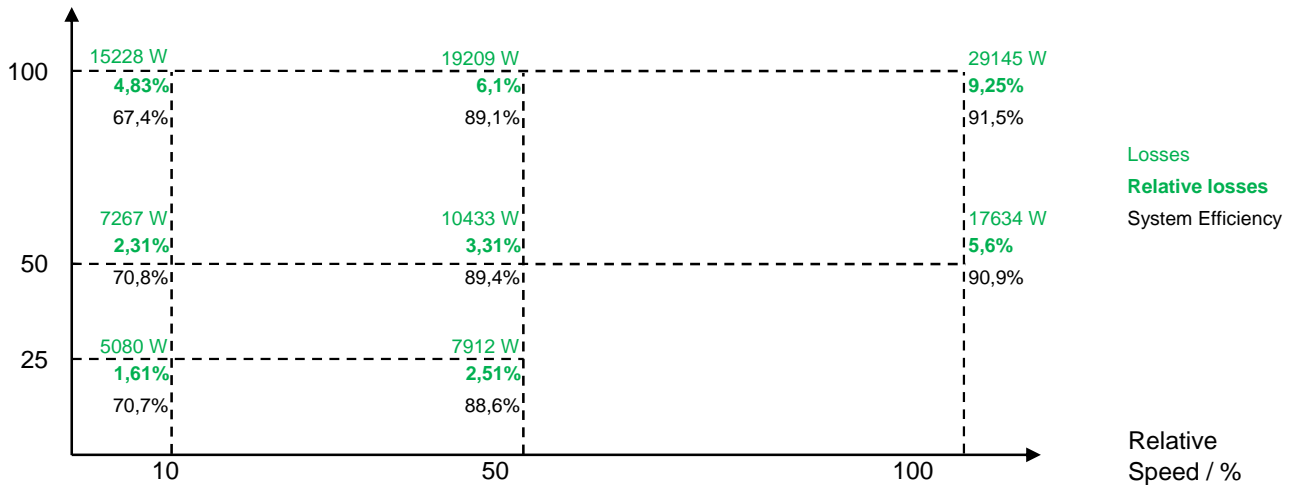
Standby losses : 168 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630U07N4**

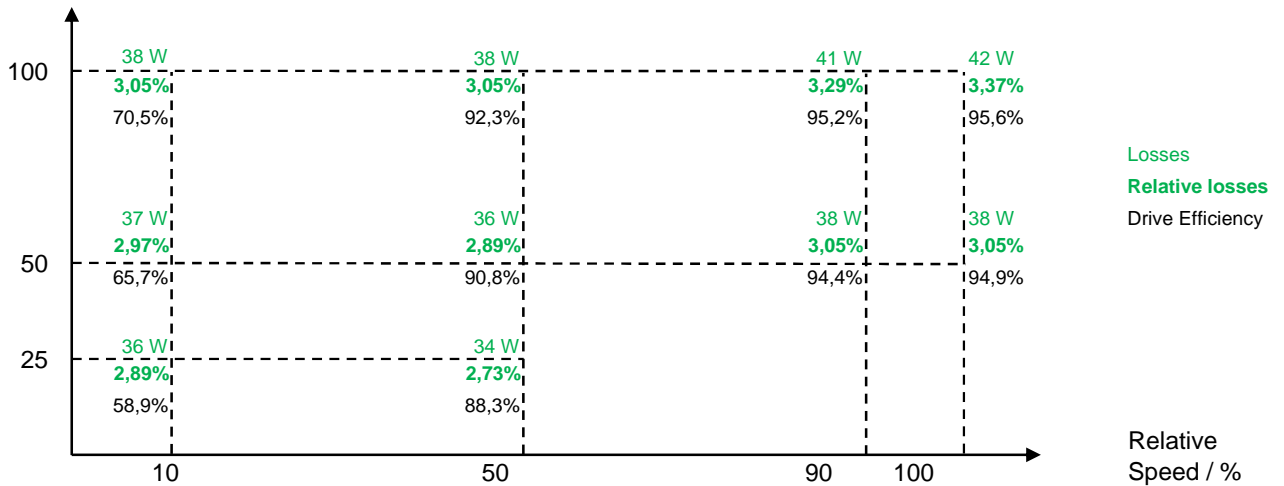
Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 0,37 kW / 0,5 HP
 Overload : Heavy Duty
 Nominal current : 1,5 A
 Nominal apparent power : 1,2 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

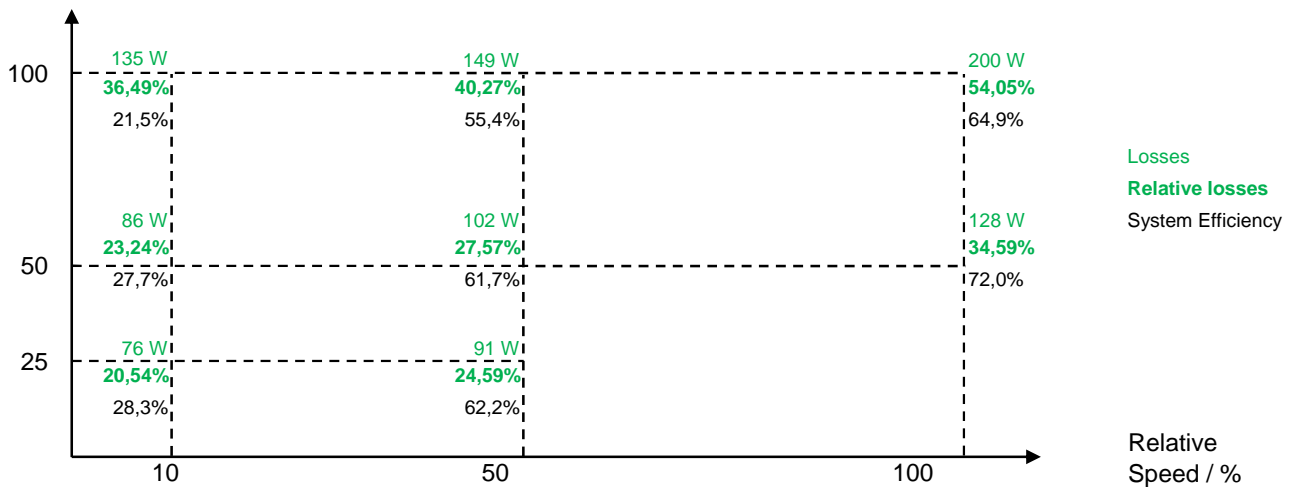
Standby losses : 15 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630U15N4**

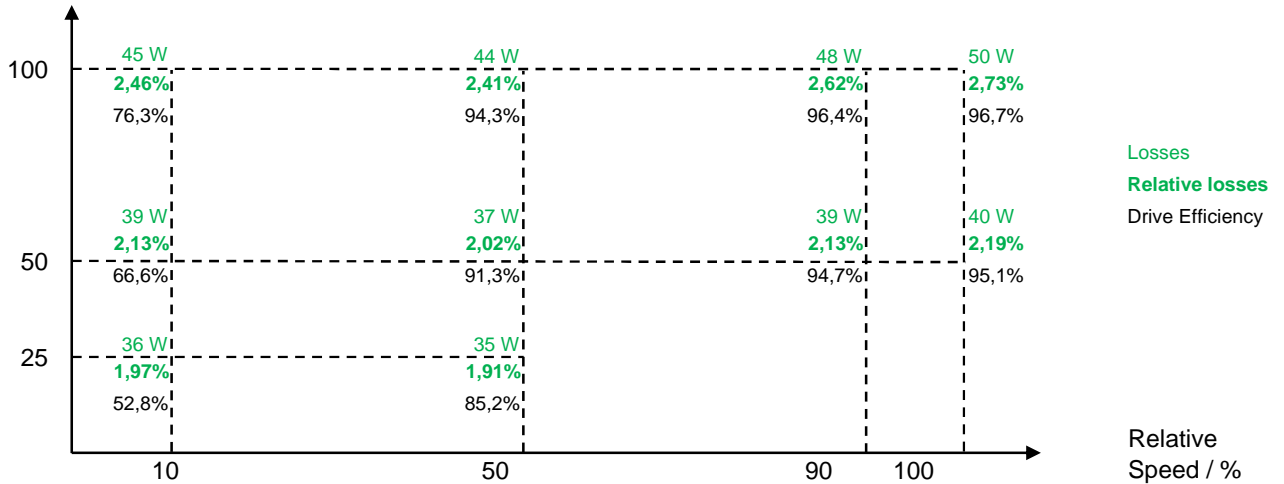


Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 0,75 kW / 1 HP
 Overload : Heavy Duty
 Nominal current : 2,2 A
 Nominal apparent power : 1,8 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

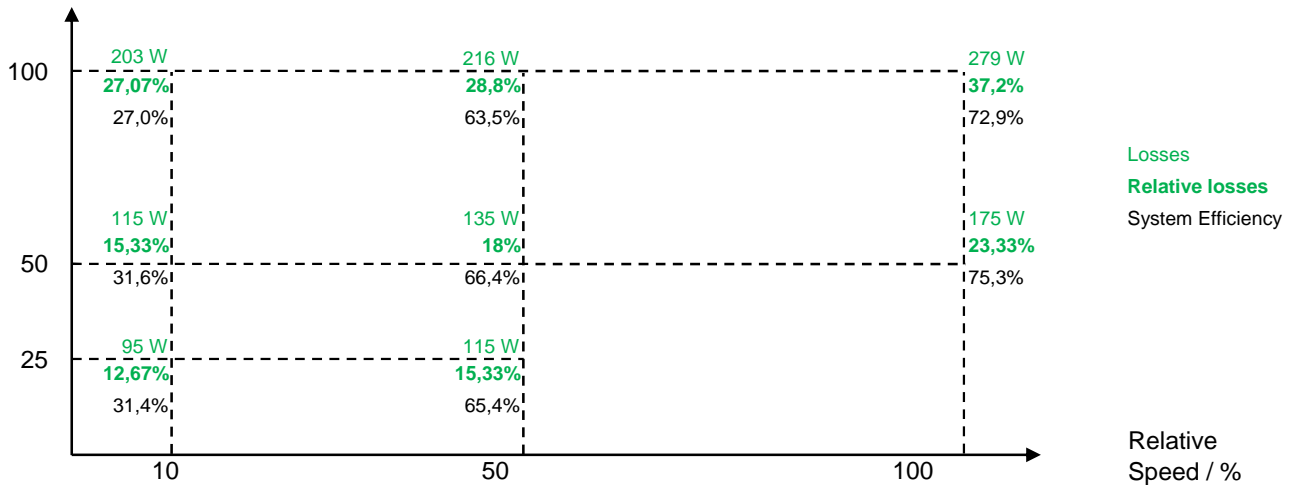
Standby losses : 15 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630U22N4**

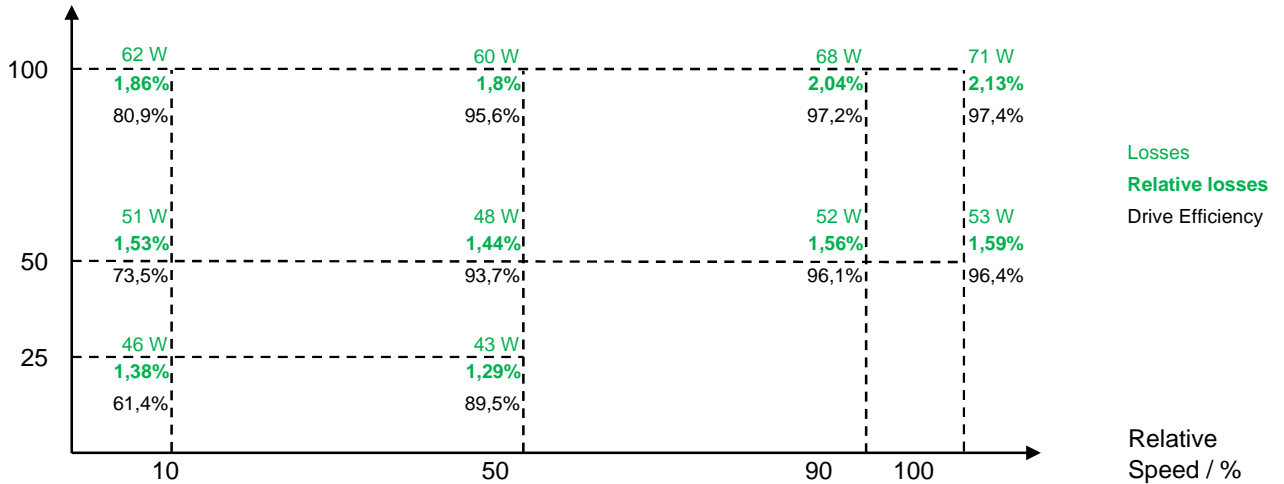


Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 1,5 kW / 2 HP
 Overload : Heavy Duty
 Nominal current : 4 A
 Nominal apparent power : 3,3 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

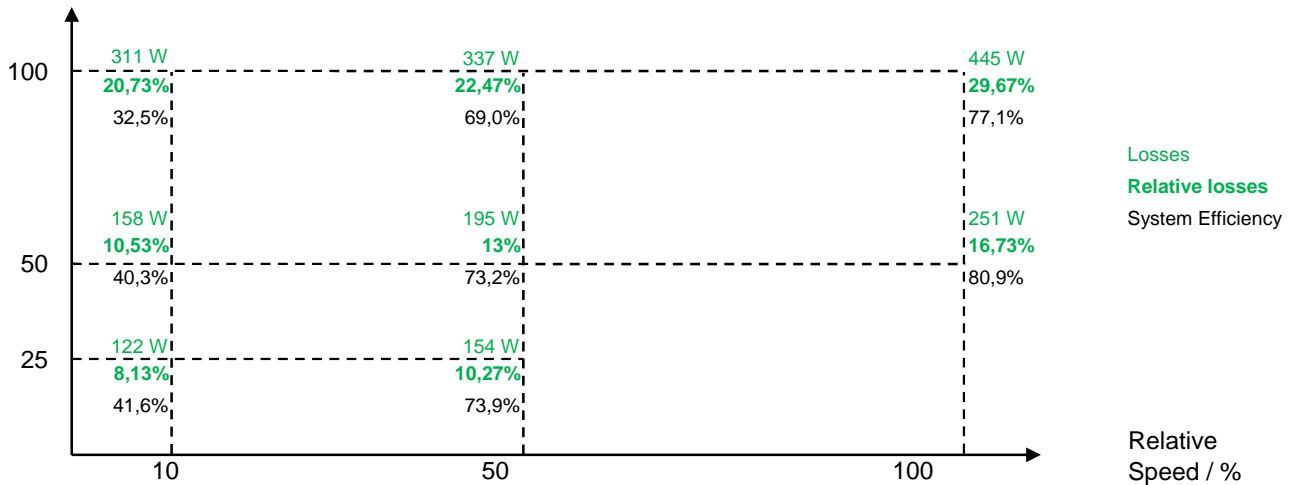
Standby losses : 15 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

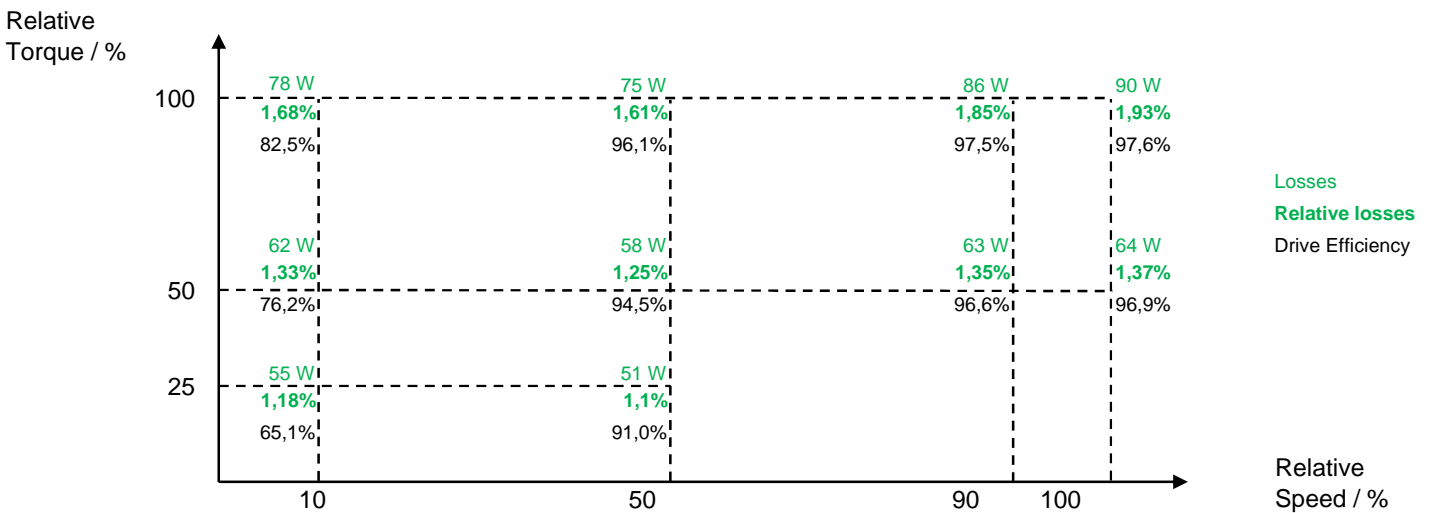
Reference : **ATV630U30N4**



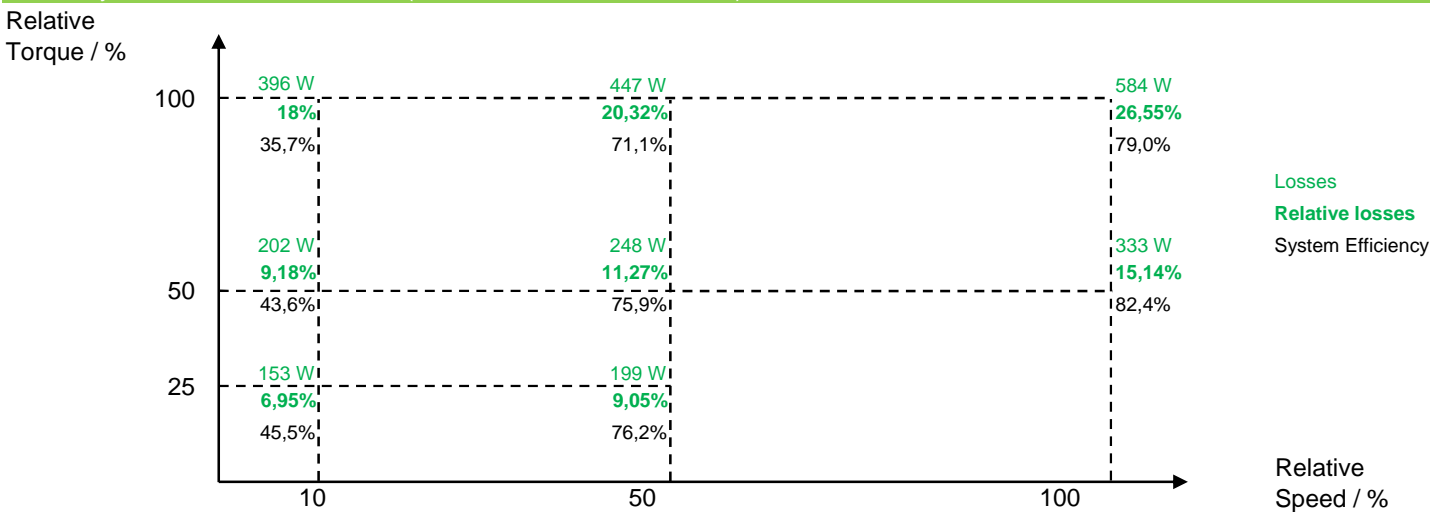
Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 2,2 kW / 3 HP
 Overload : Heavy Duty
 Nominal current : 5,6 A
 Nominal apparent power : 4,7 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

Standby losses : 15 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

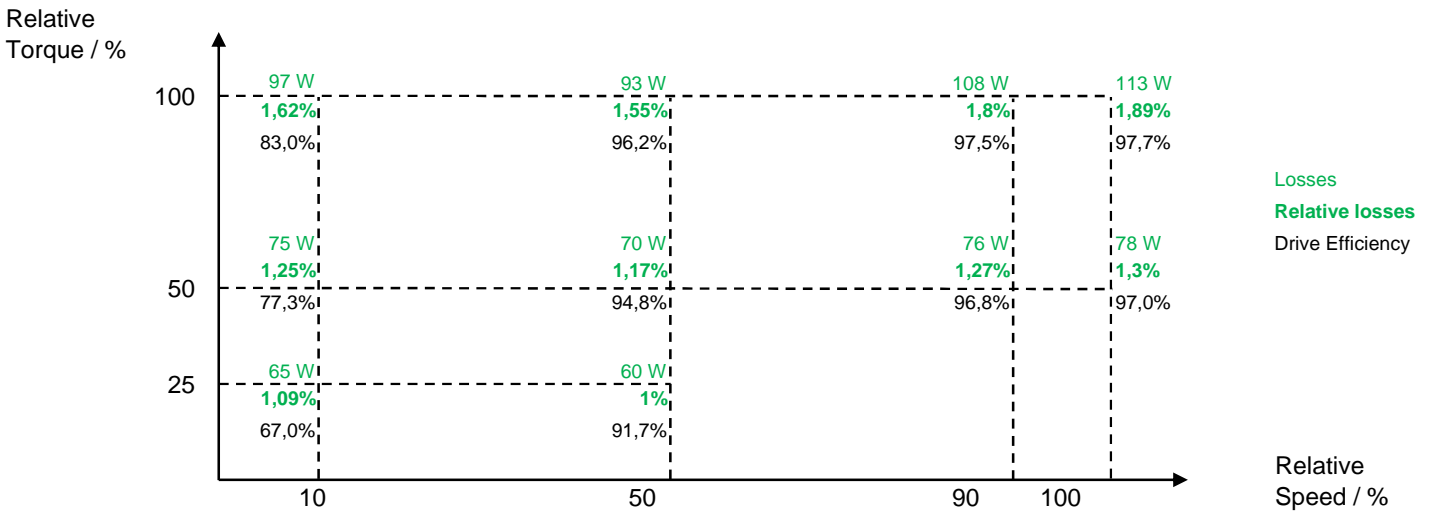
Reference : **ATV630U40N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 3 kW / - HP
 Overload : Heavy Duty
 Nominal current : 7,2 A
 Nominal apparent power : 6 kVA
 Nominal frequency : 50 Hz

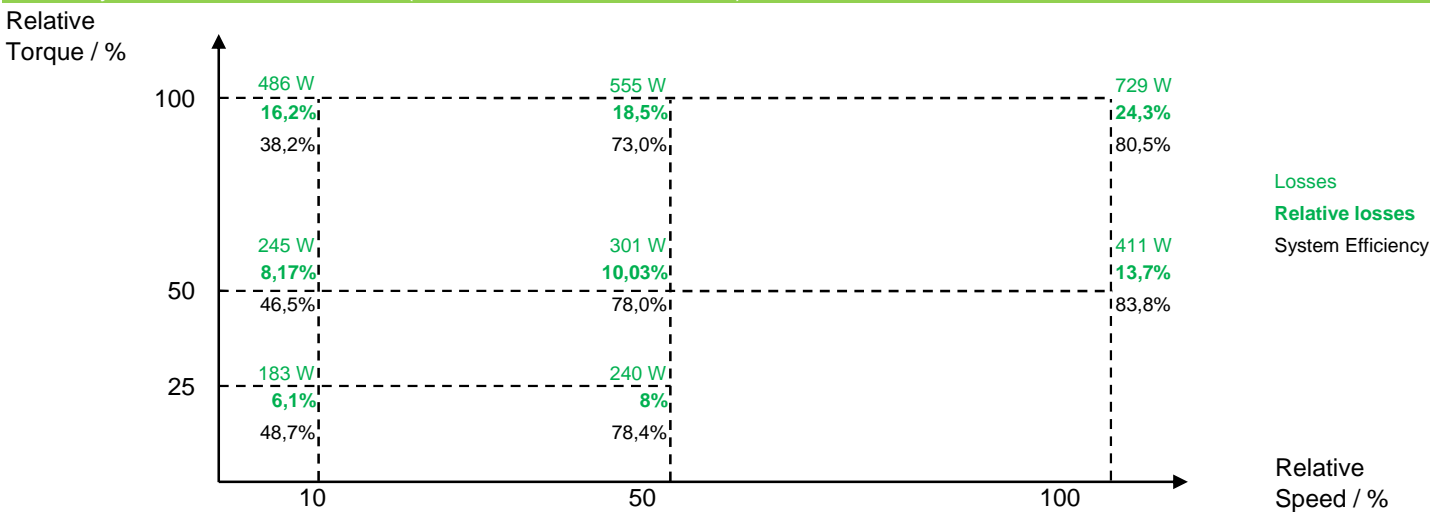


Efficiency data for the Drive

Standby losses : 15 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

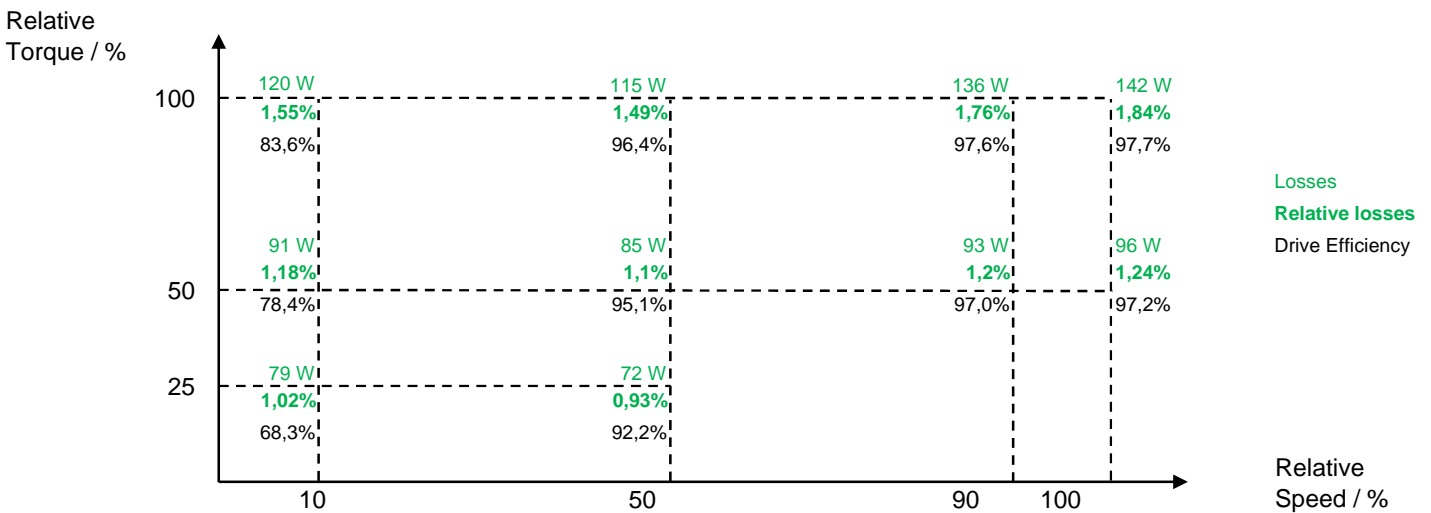
Reference : **ATV630U55N4**



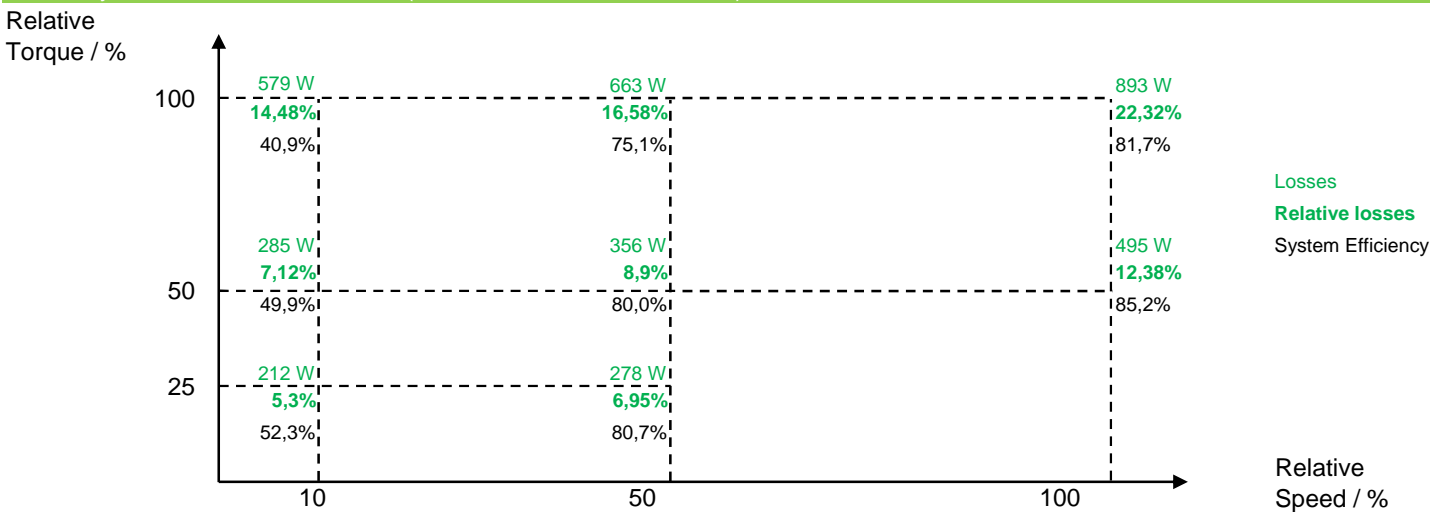
Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 4 kW / 5 HP
 Overload : Heavy Duty
 Nominal current : 9,3 A
 Nominal apparent power : 7,7 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

Standby losses : 15 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

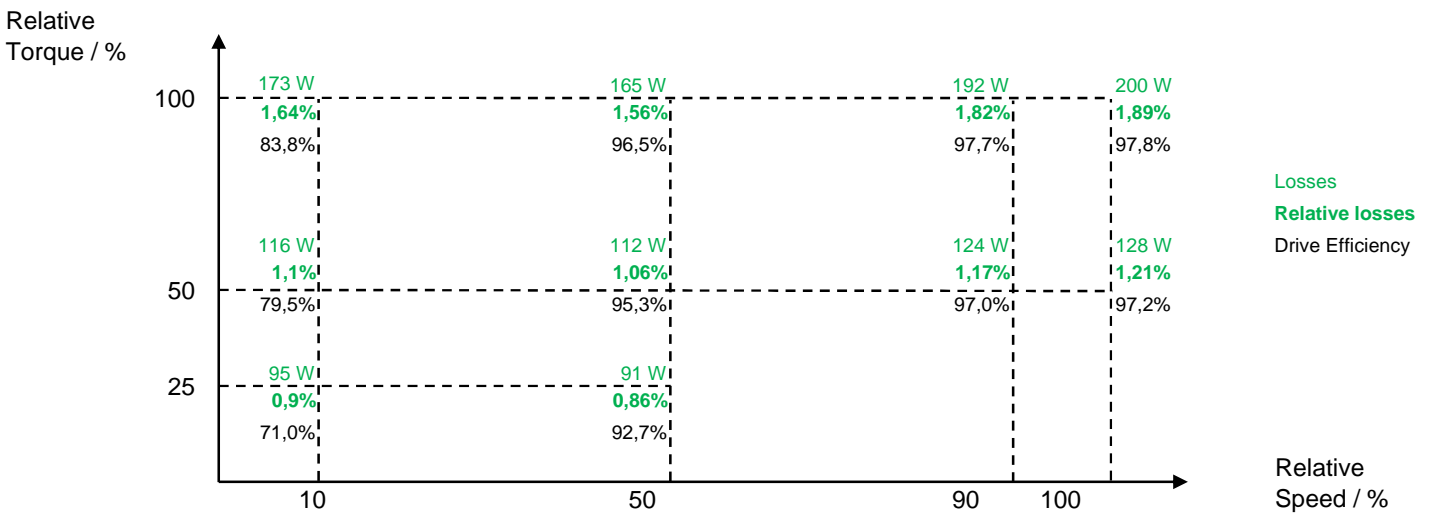
Reference : **ATV630U75N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 5,5 kW / 7,5 HP
 Overload : Heavy Duty
 Nominal current : 12,7 A
 Nominal apparent power : 10,6 kVA
 Nominal frequency : 50 Hz

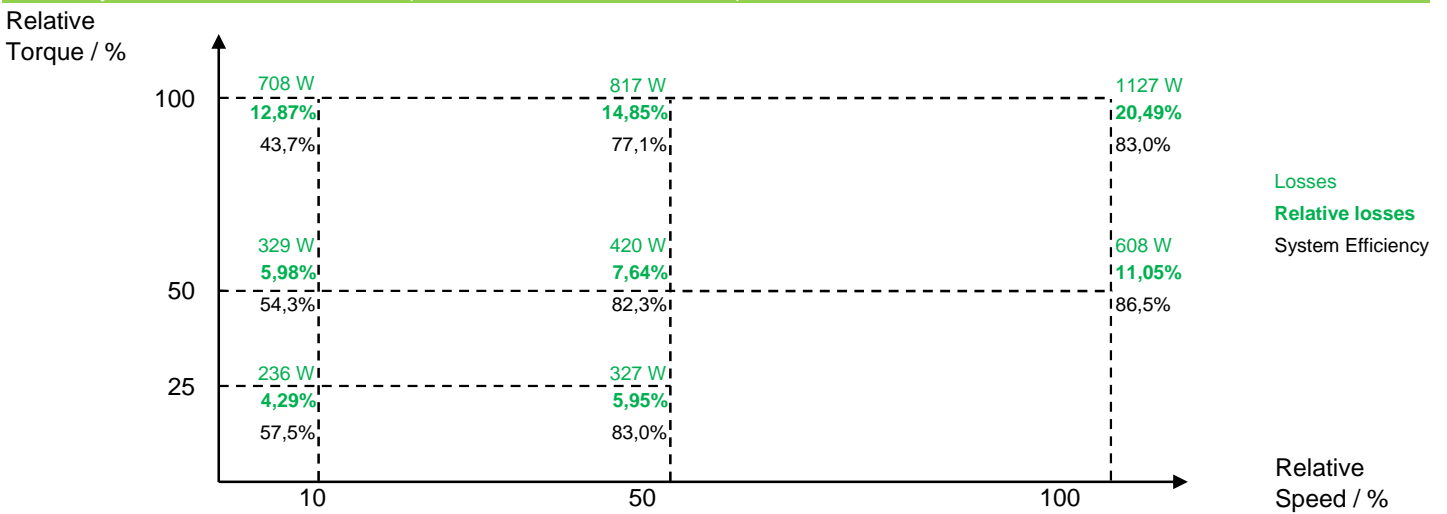


Efficiency data for the Drive

Standby losses : 19 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630D11N4**

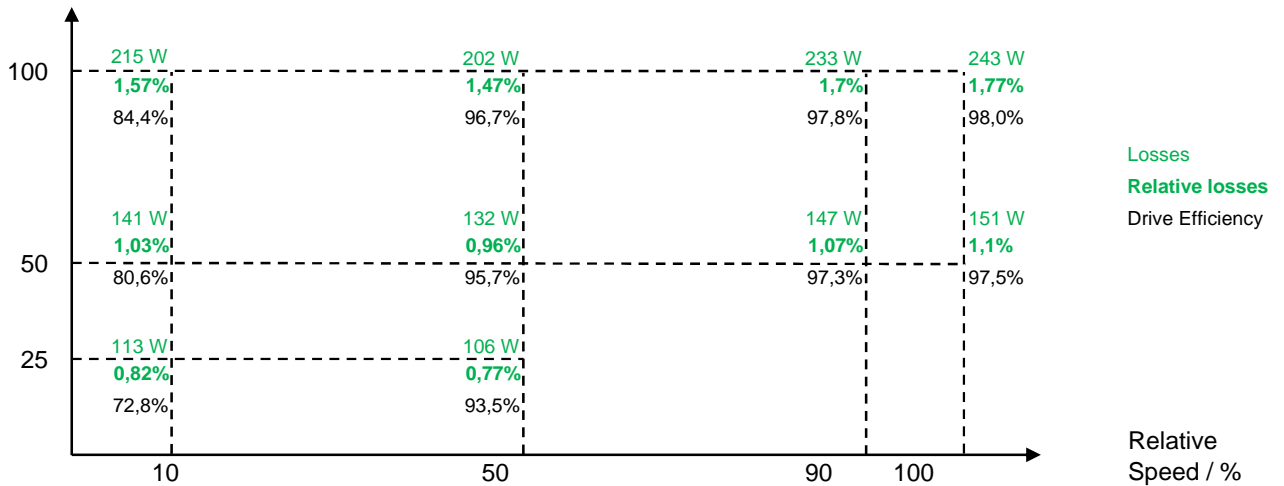


Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 7,5 kW / 10 HP
 Overload : Heavy Duty
 Nominal current : 16,5 A
 Nominal apparent power : 13,7 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

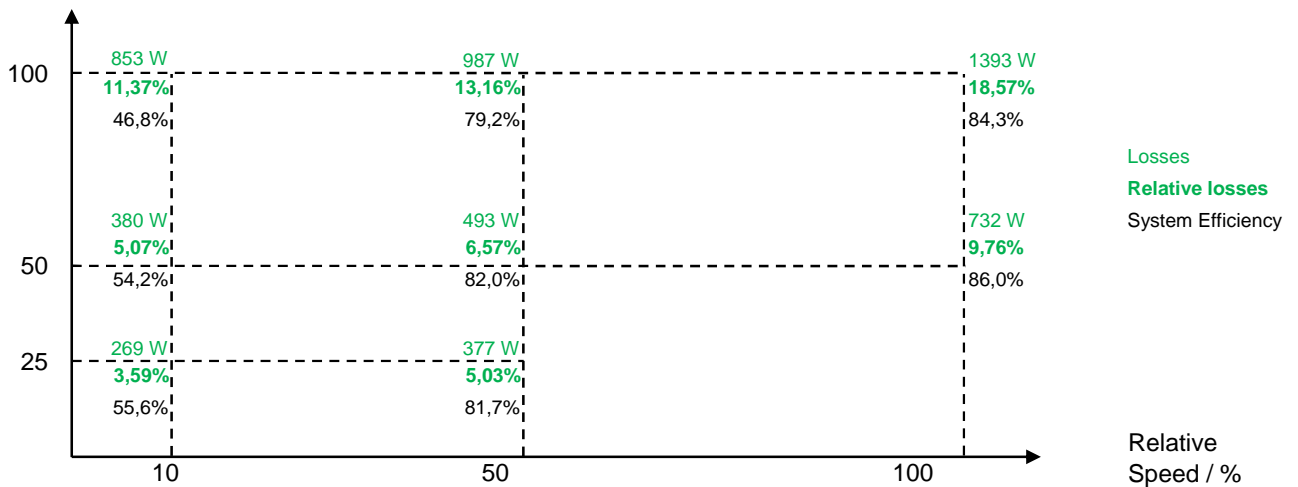
Standby losses : 19 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

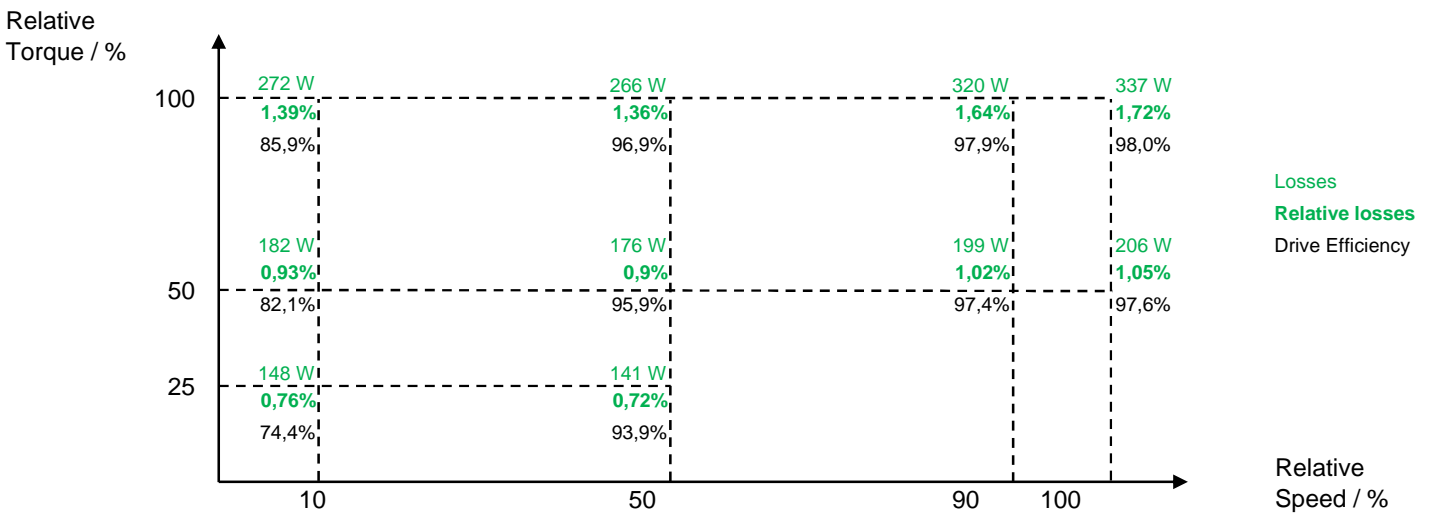
Reference : **ATV630D15N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 11 kW / 15 HP
 Overload : Heavy Duty
 Nominal current : 23,5 A
 Nominal apparent power : 19,5 kVA
 Nominal frequency : 50 Hz

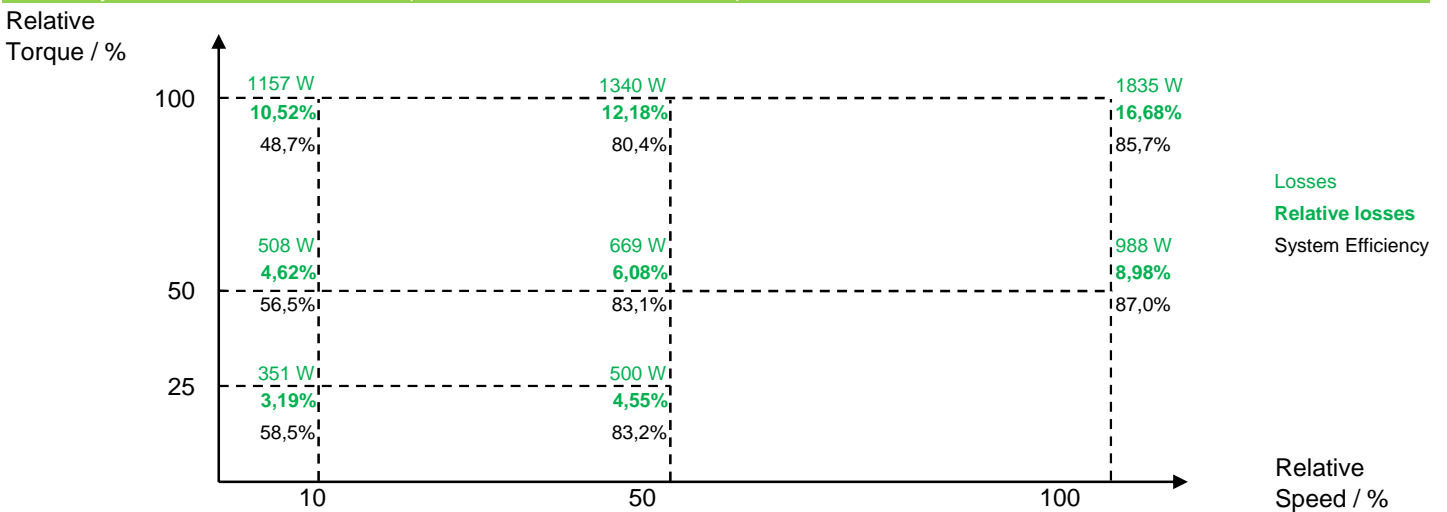


Efficiency data for the Drive

Standby losses : 24 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

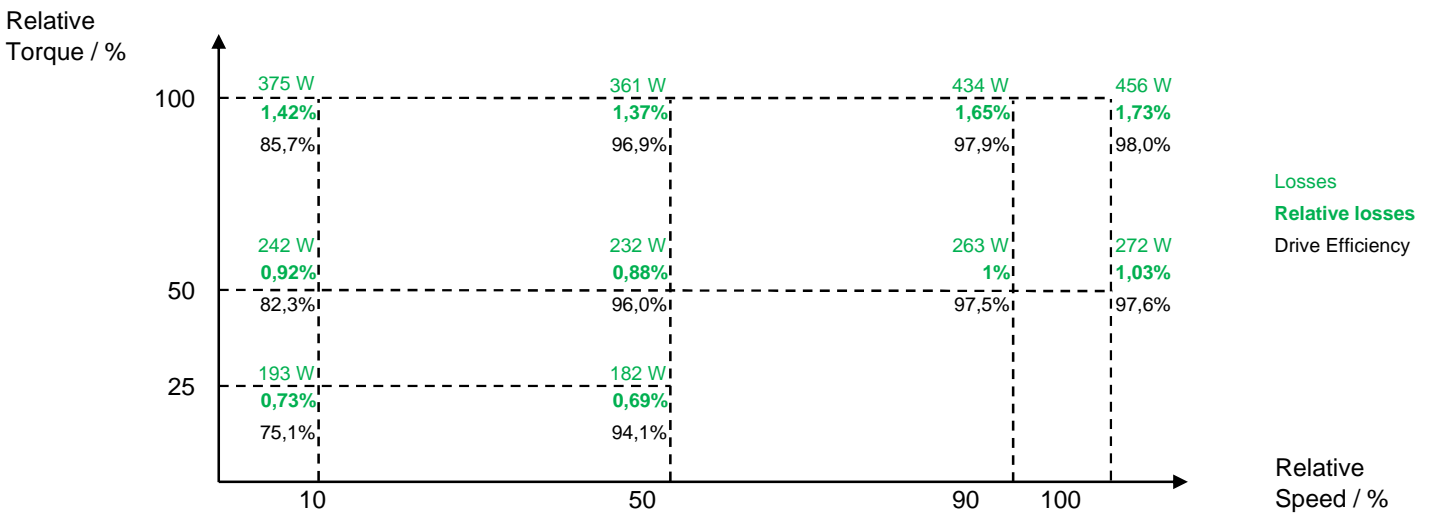
Reference : **ATV630D18N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 15 kW / 20 HP
 Overload : Heavy Duty
 Nominal current : 31,7 A
 Nominal apparent power : 26,4 kVA
 Nominal frequency : 50 Hz

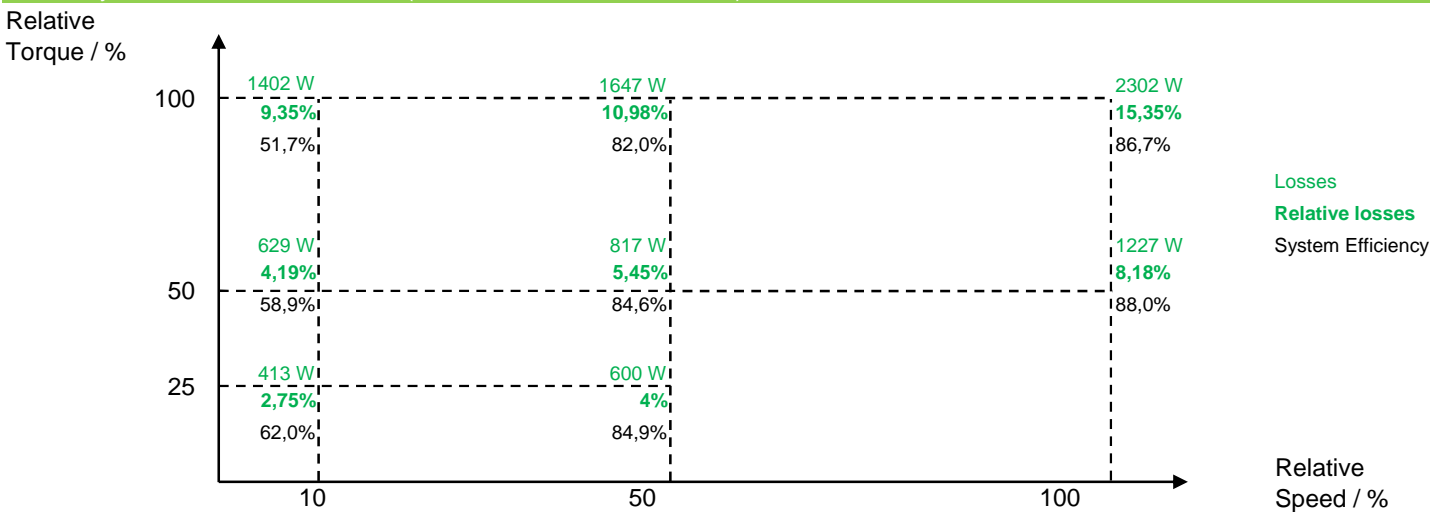


Efficiency data for the Drive

Standby losses : 24 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630D22N4**

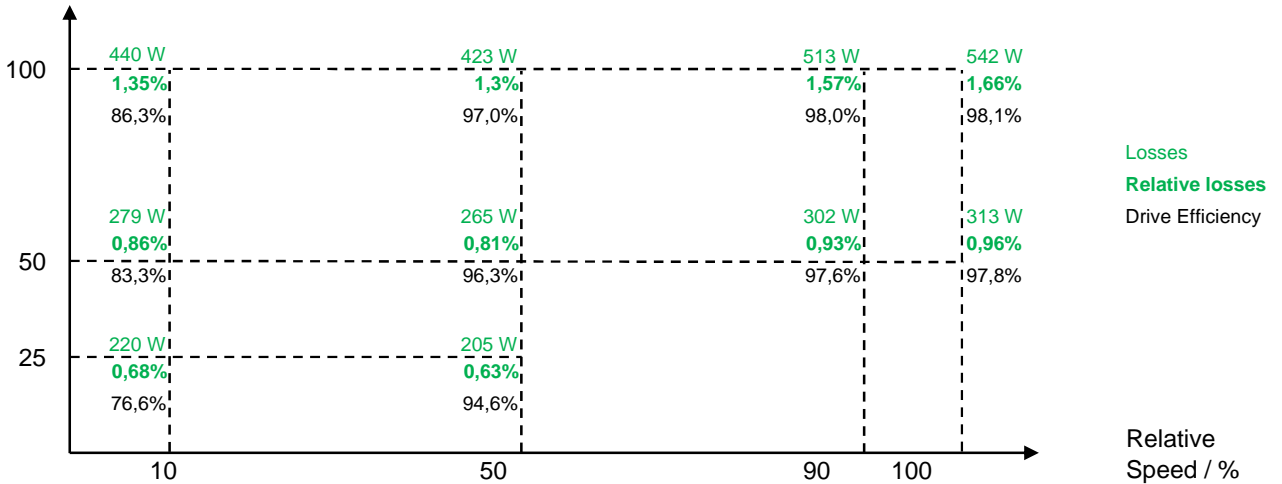


Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 18,5 kW / 25 HP
 Overload : Heavy Duty
 Nominal current : 39,2 A
 Nominal apparent power : 32,6 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

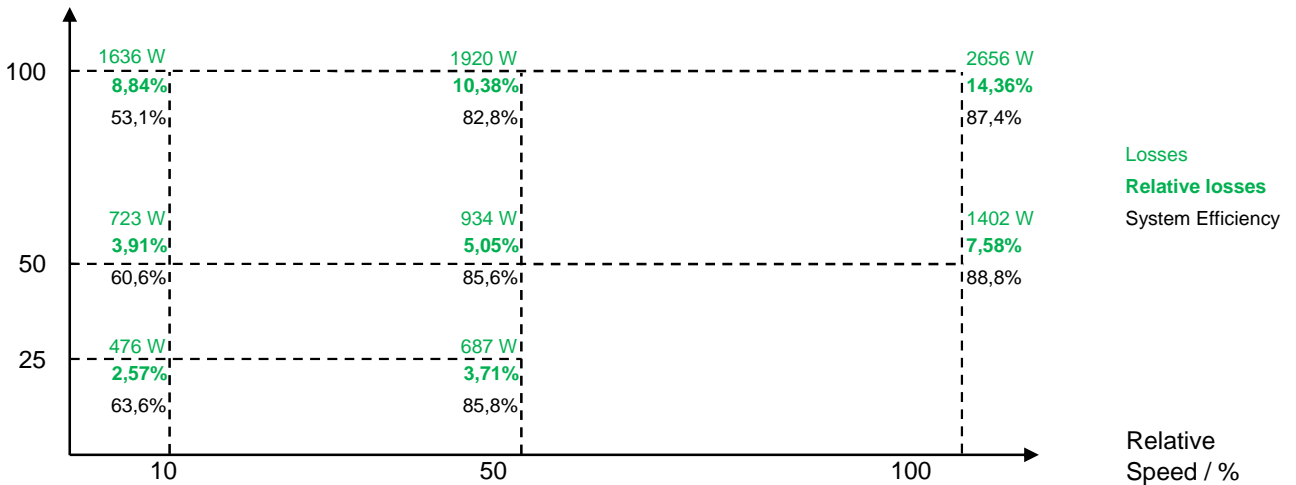
Standby losses : 24 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630D30N4**

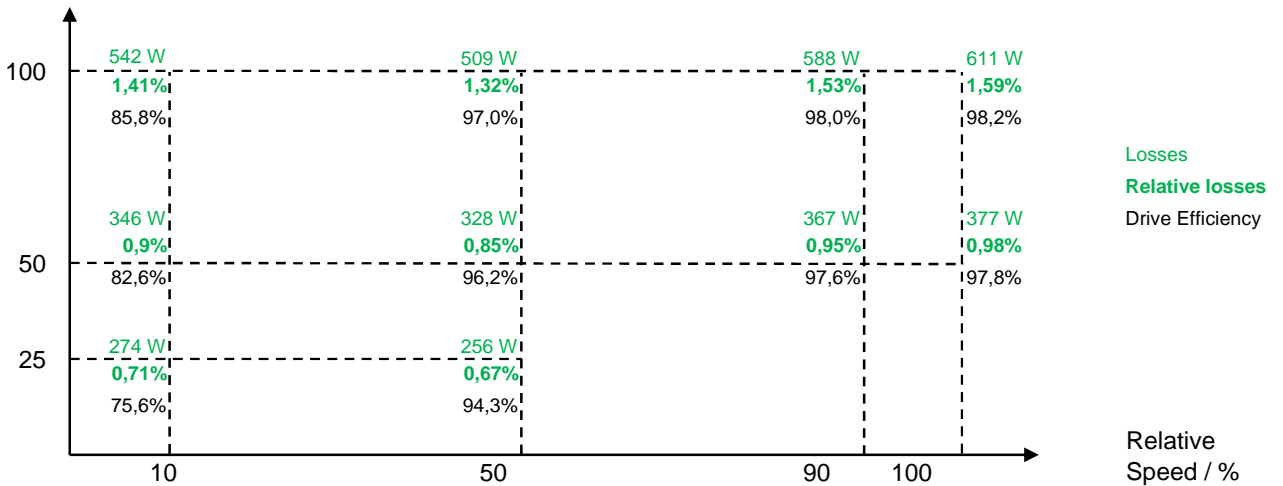
Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 22 kW / 30 HP
 Overload : Heavy Duty
 Nominal current : 46,3 A
 Nominal apparent power : 38,5 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

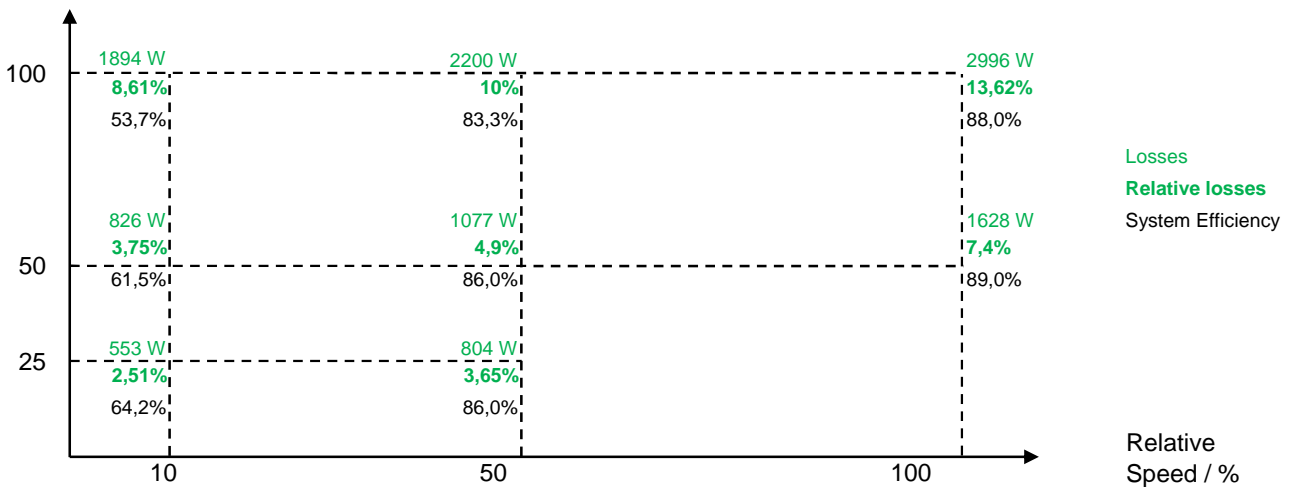
Standby losses : 33 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

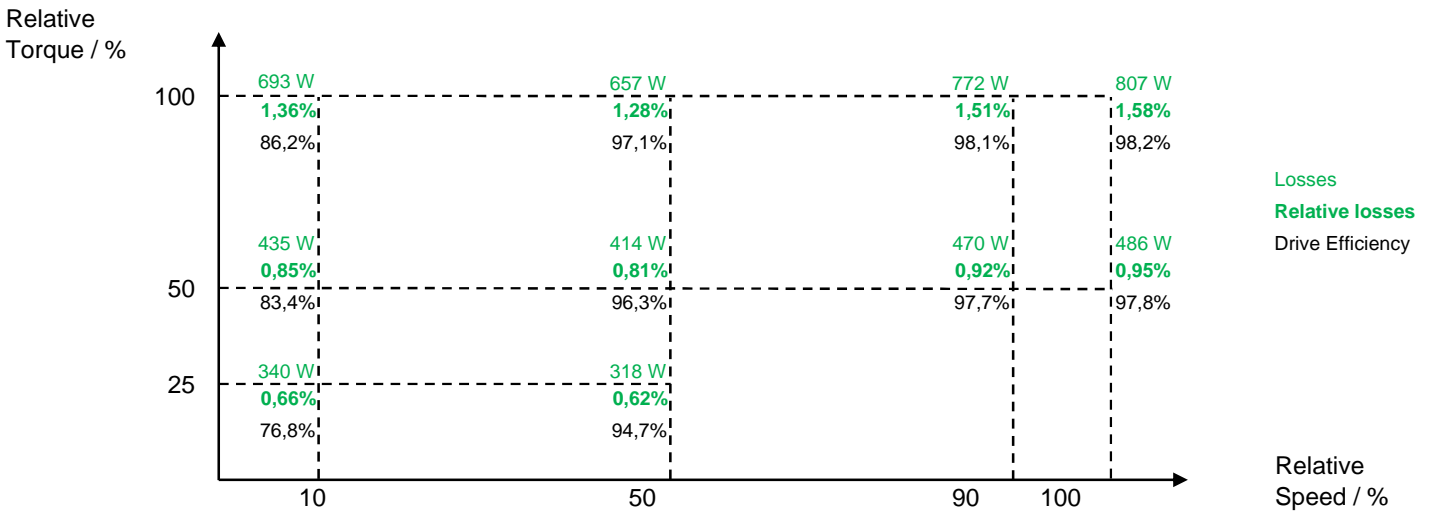
Reference : **ATV630D37N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 30 kW / 40 HP
 Overload : Heavy Duty
 Nominal current : 61,5 A
 Nominal apparent power : 51,1 kVA
 Nominal frequency : 50 Hz

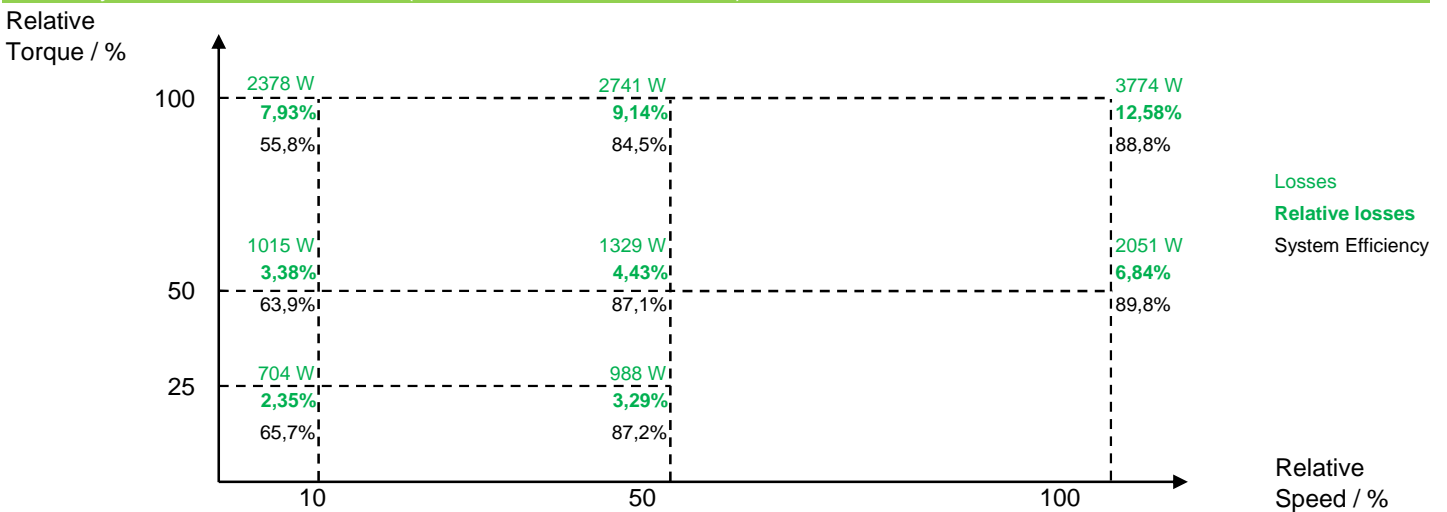


Efficiency data for the Drive

Standby losses : 33 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

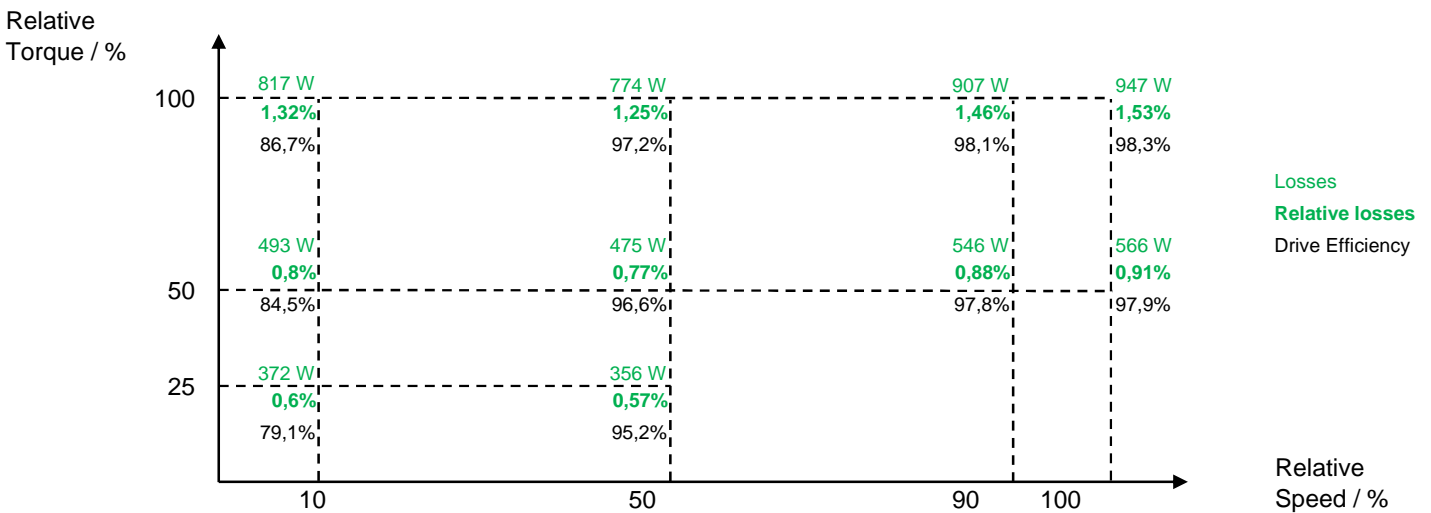
Reference : **ATV630D45N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 37 kW / 50 HP
 Overload : Heavy Duty
 Nominal current : 74,5 A
 Nominal apparent power : 61,9 kVA
 Nominal frequency : 50 Hz

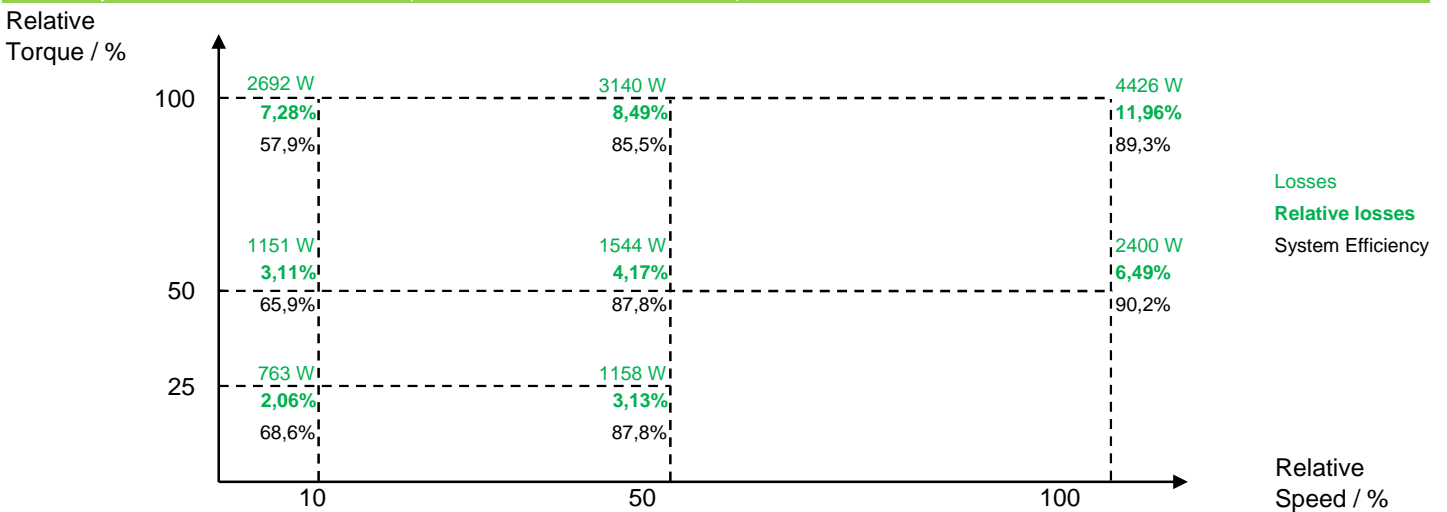


Efficiency data for the Drive

Standby losses : 33 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630D55N4**

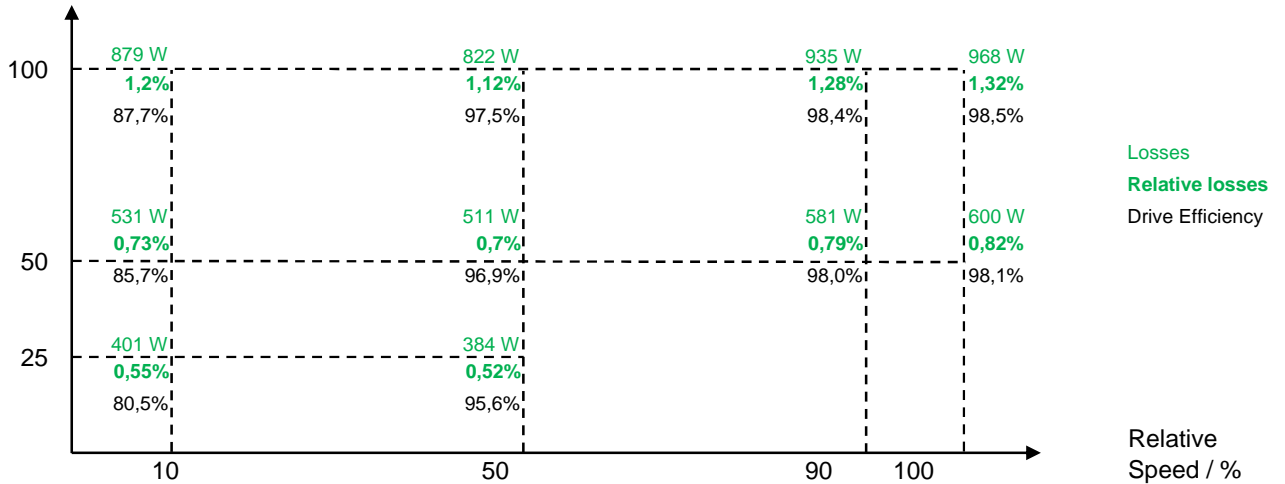


Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 45 kW / 60 HP
 Overload : Heavy Duty
 Nominal current : 88 A
 Nominal apparent power : 73,2 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

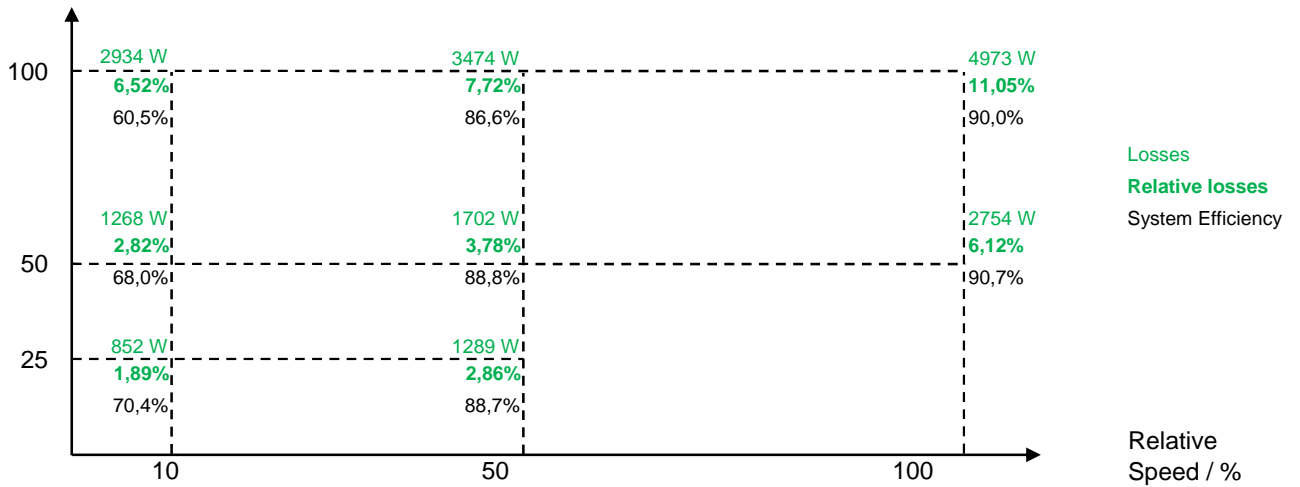
Standby losses : 32 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

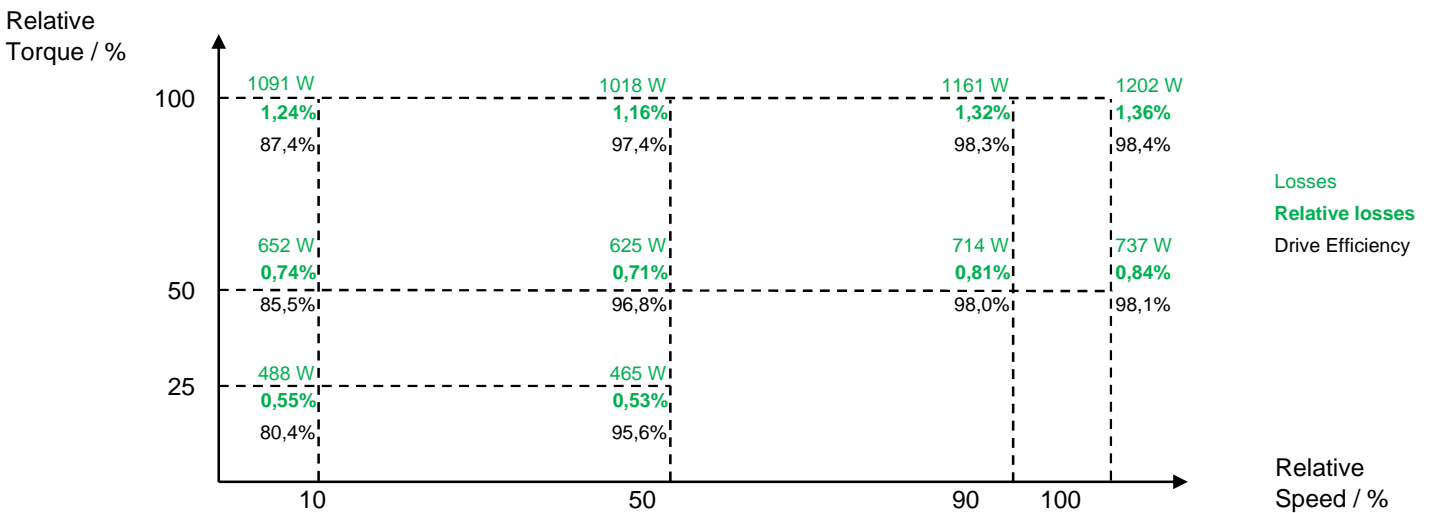
Reference : **ATV630D75N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 55 kW / 75 HP
 Overload : Heavy Duty
 Nominal current : 106 A
 Nominal apparent power : 88,1 kVA
 Nominal frequency : 50 Hz

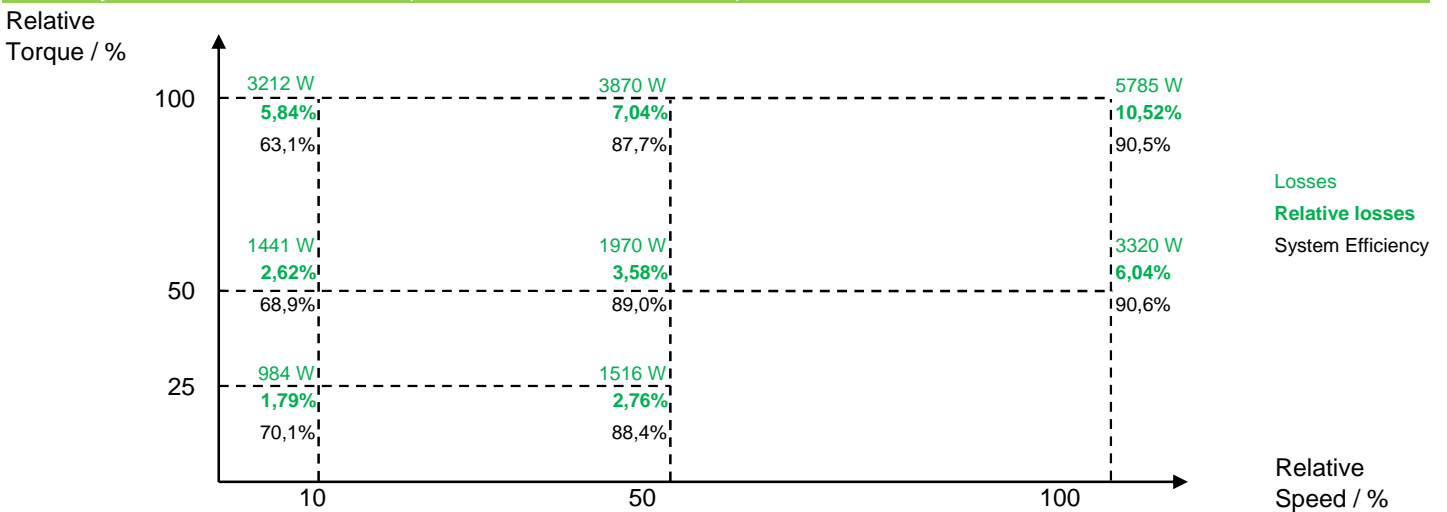


Efficiency data for the Drive

Standby losses : 32 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

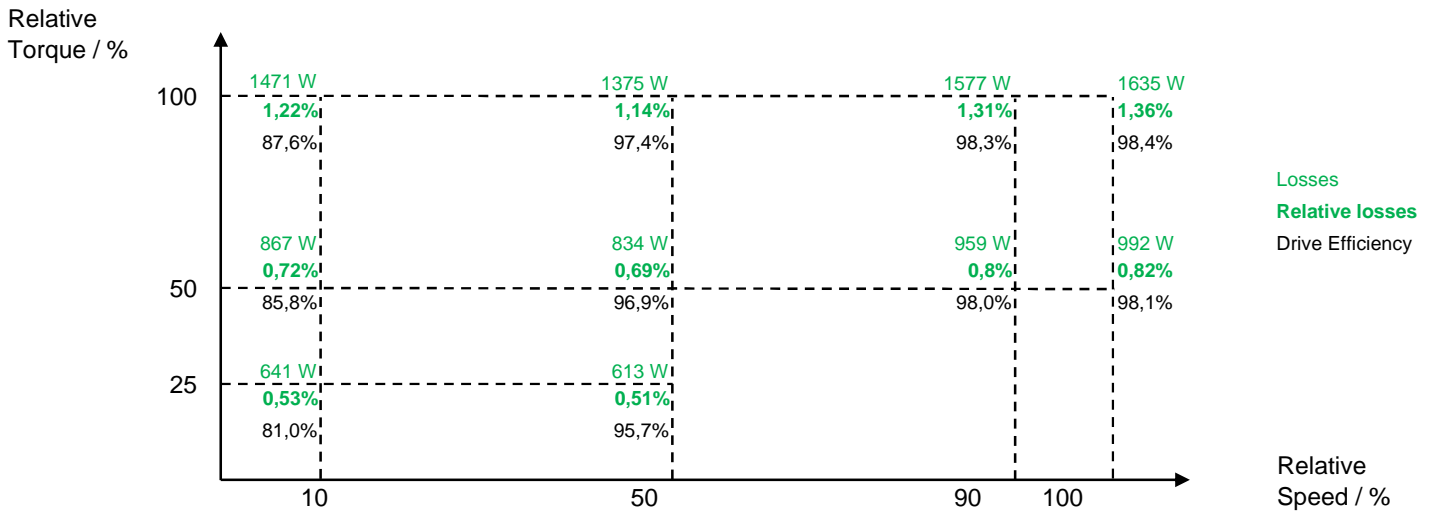
Reference : **ATV630D90N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 75 kW / 100 HP
 Overload : Heavy Duty
 Nominal current : 145 A
 Nominal apparent power : 120,6 kVA
 Nominal frequency : 50 Hz

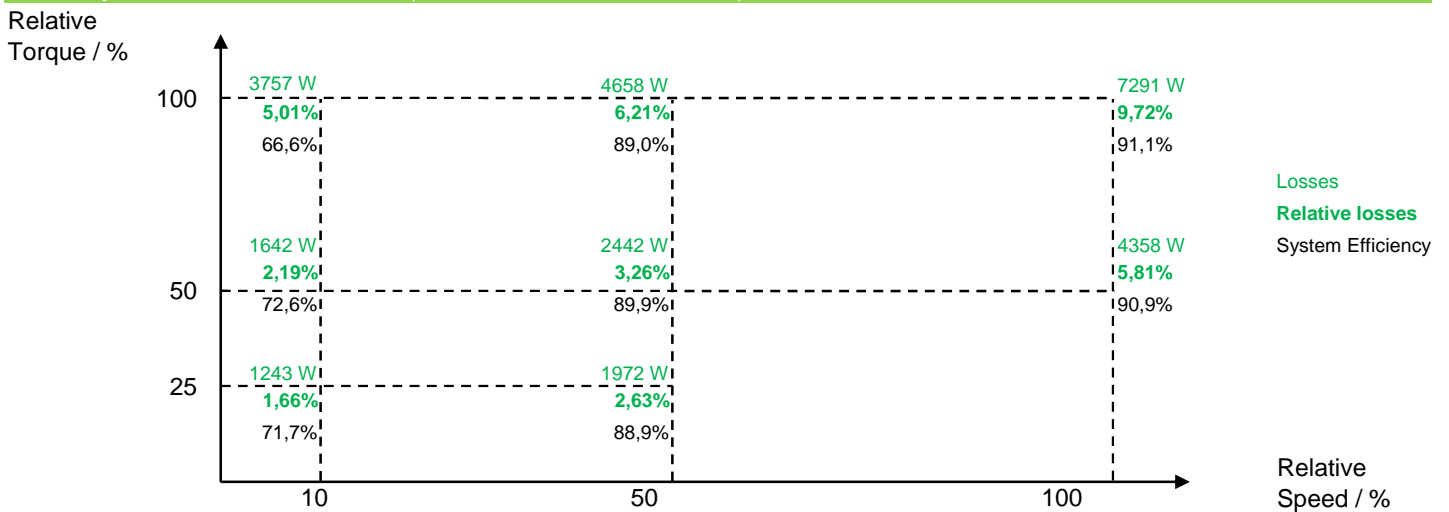


Efficiency data for the Drive

Standby losses : 32 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630C11N4**

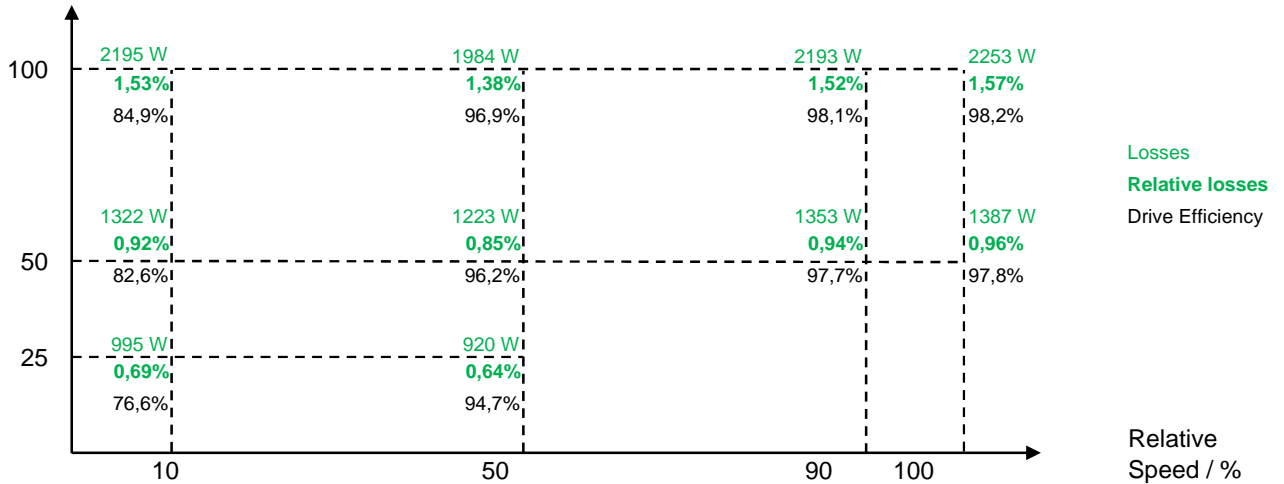
Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 90 kW / 125 HP
 Overload : Heavy Duty
 Nominal current : 173 A
 Nominal apparent power : 143,8 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

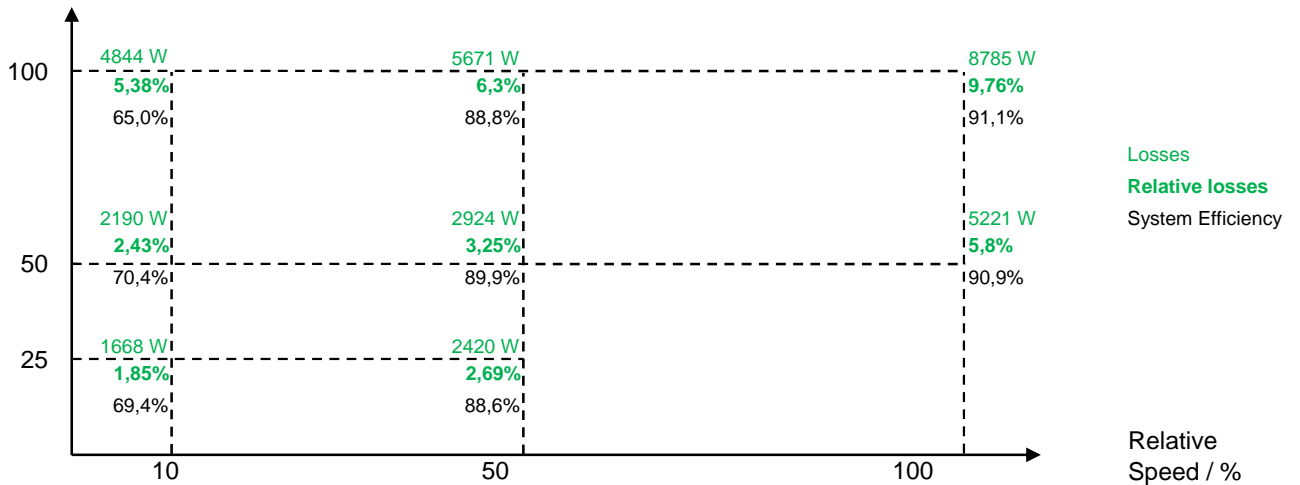
Standby losses : 74 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

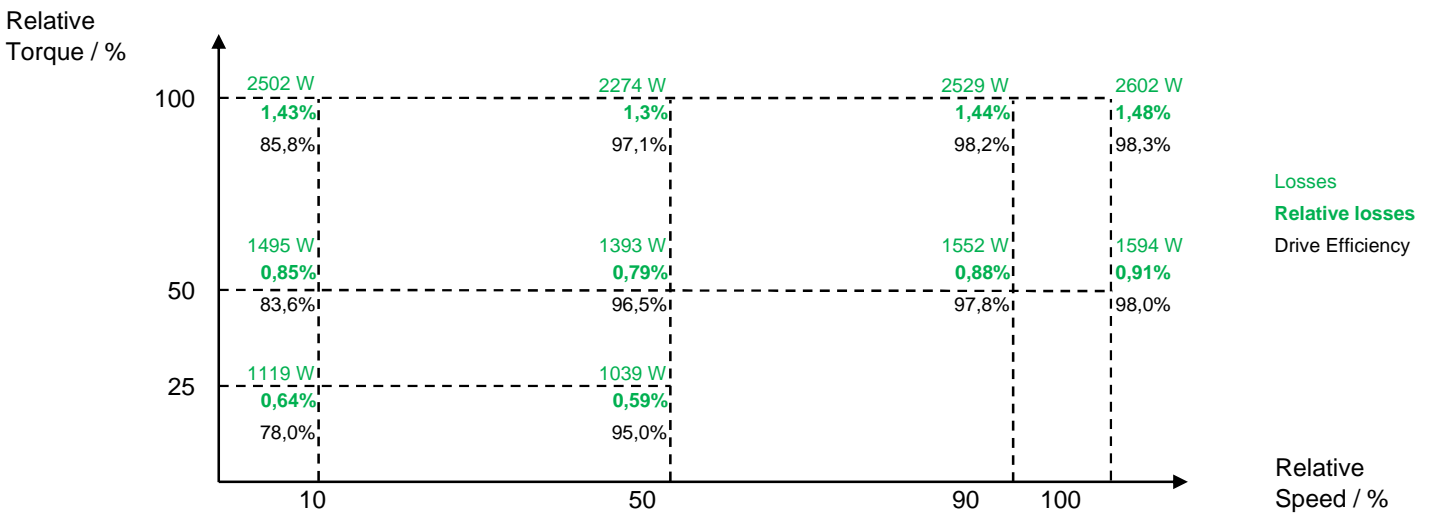
Reference : **ATV630C13N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 110 kW / 150 HP
 Overload : Heavy Duty
 Nominal current : 211 A
 Nominal apparent power : 175,4 kVA
 Nominal frequency : 50 Hz

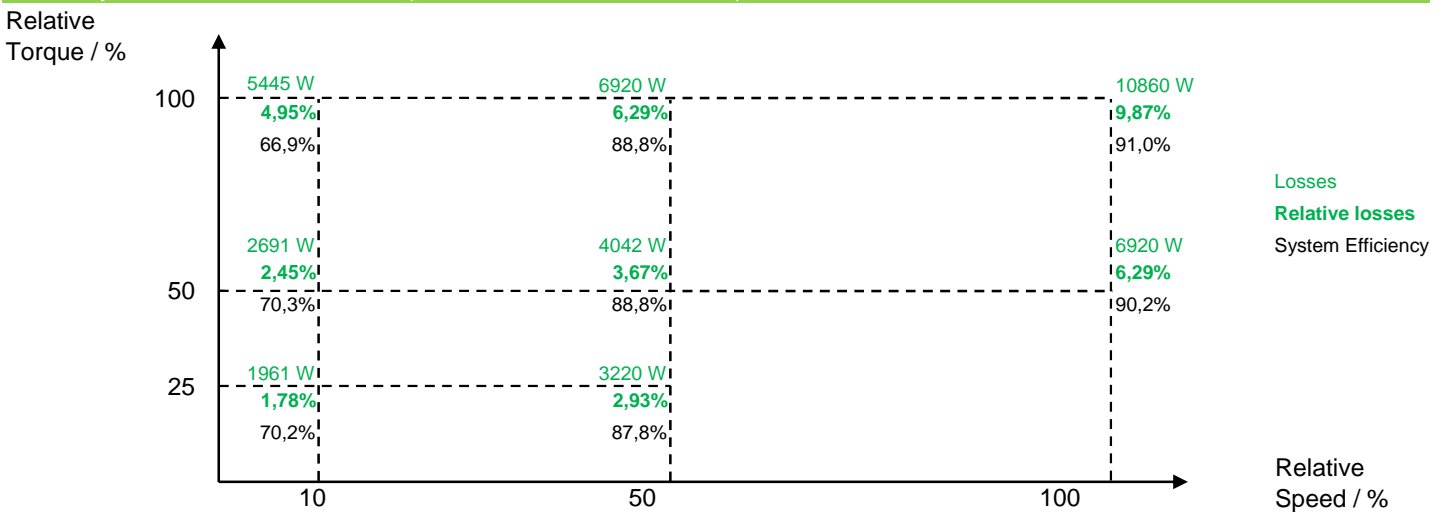


Efficiency data for the Drive

Standby losses : 74 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630C16N4**

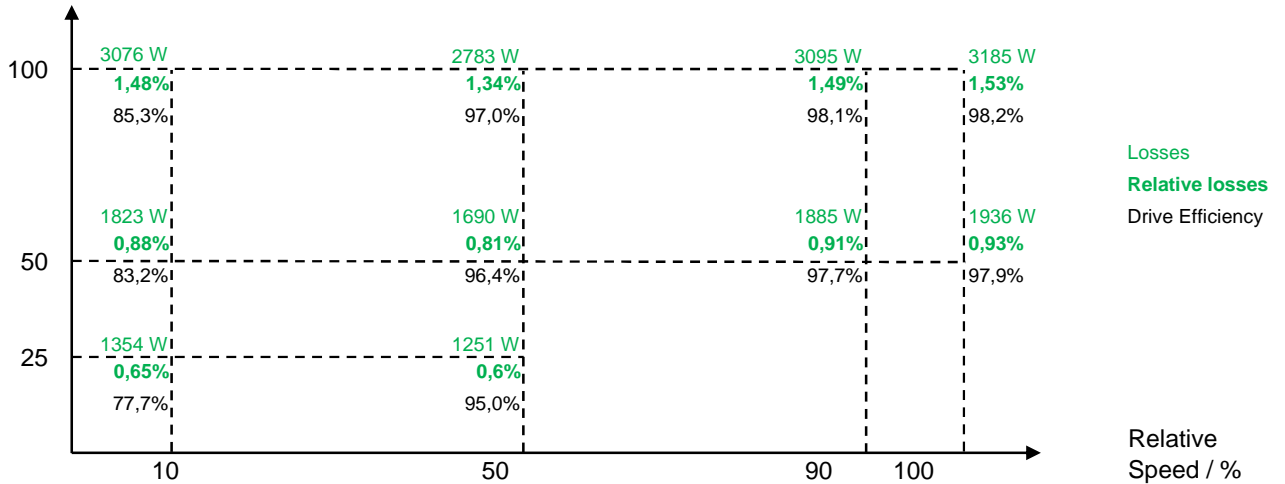


Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 132 kW / 200 HP
 Overload : Heavy Duty
 Nominal current : 250 A
 Nominal apparent power : 207,8 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

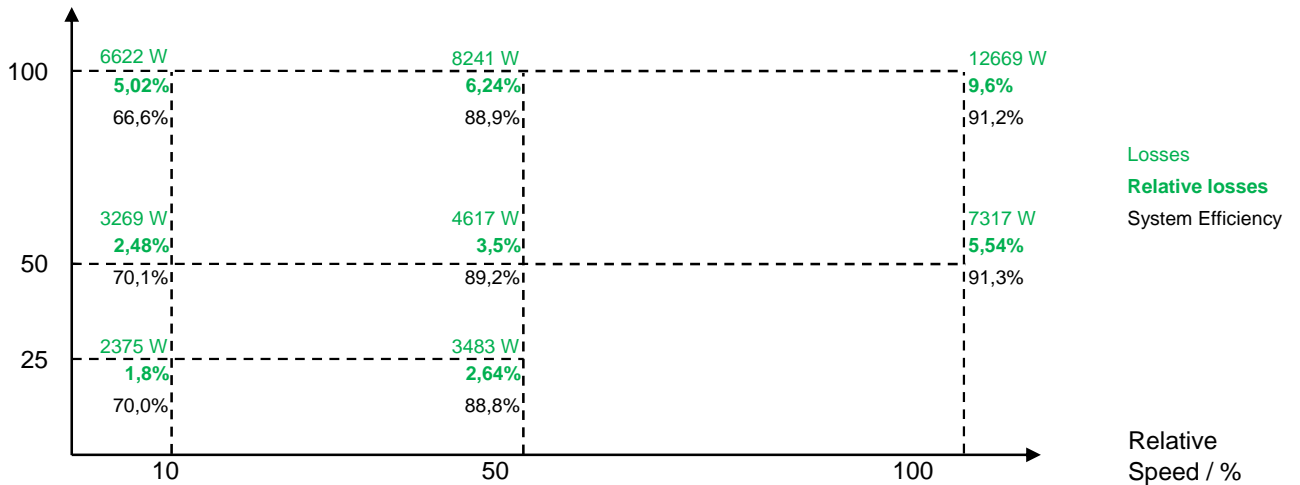
Standby losses : 74 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630C22N4**

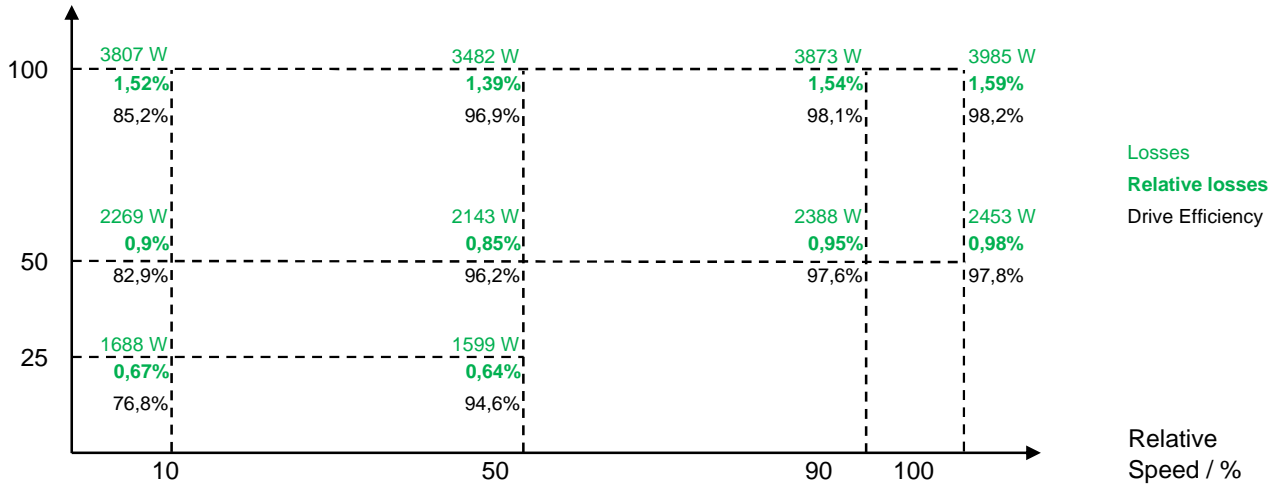


Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 160 kW / 250 HP
 Overload : Heavy Duty
 Nominal current : 302 A
 Nominal apparent power : 251,1 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

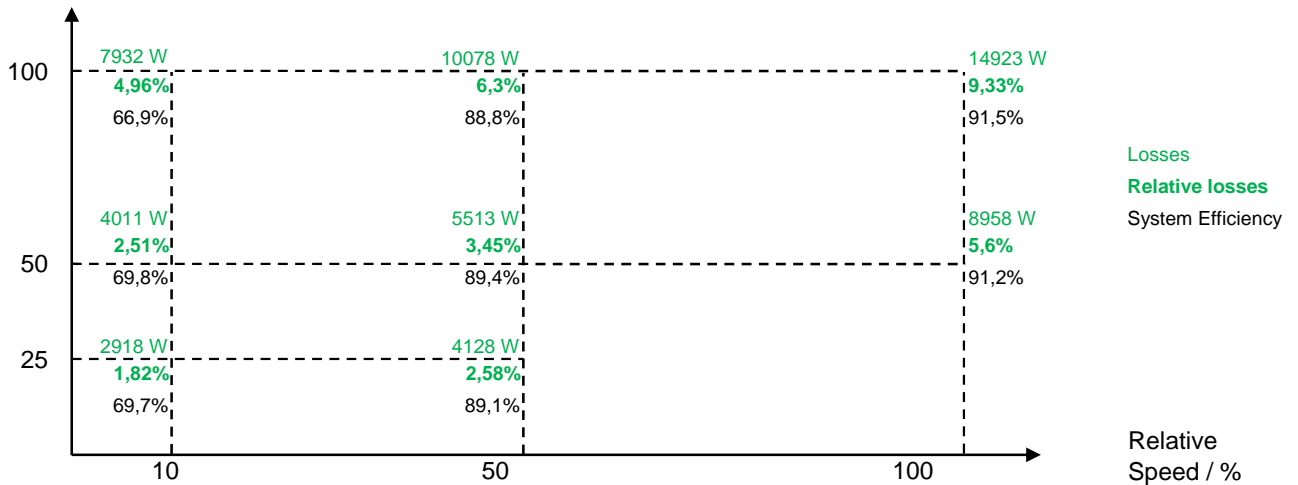
Standby losses : 172 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

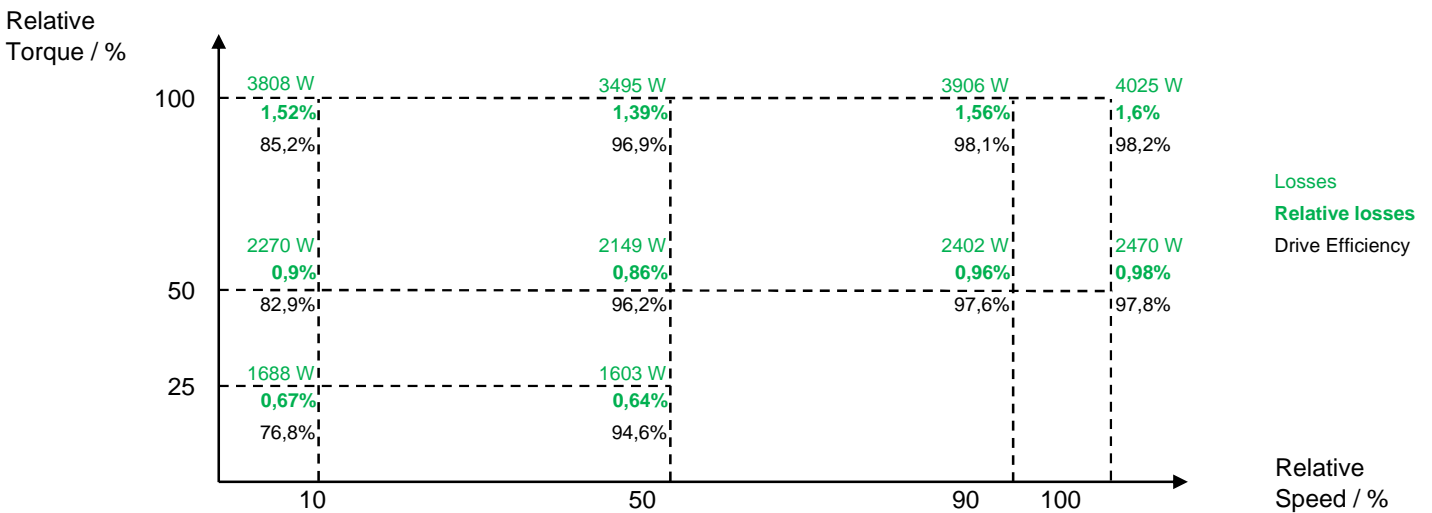
Reference : **ATV630C22N4MN
+ VW3A4569**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 160 kW / 250 HP
 Overload : Heavy Duty
 Nominal current : 302 A
 Nominal apparent power : 251,1 kVA
 Nominal frequency : 50 Hz

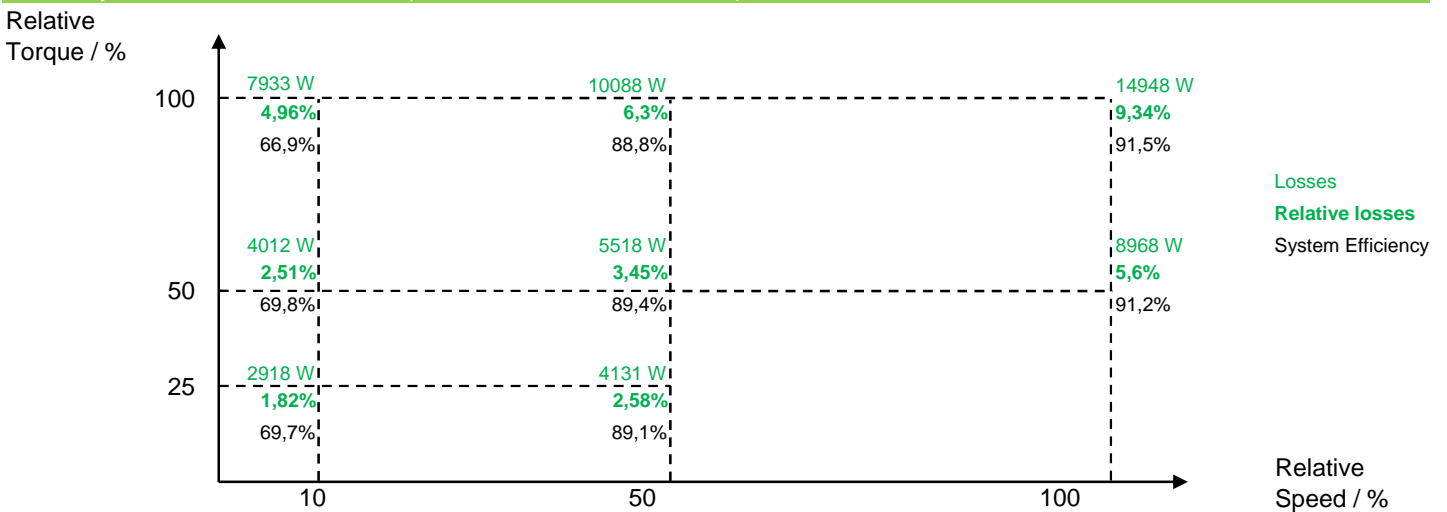


Efficiency data for the Drive

Standby losses : 172 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630C25N4**

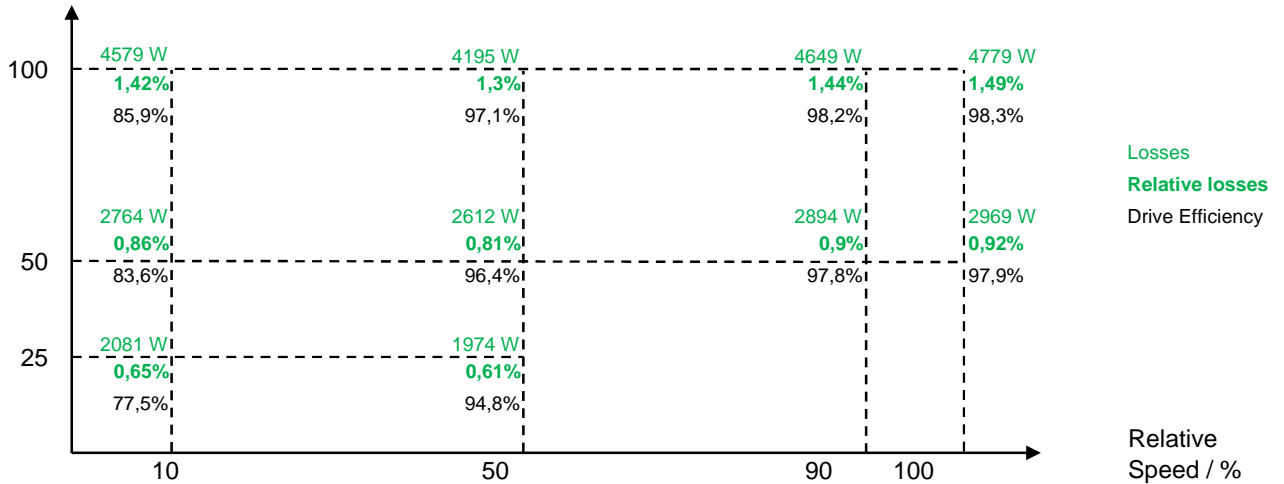


Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 200 kW / 300 HP
 Overload : Heavy Duty
 Nominal current : 387 A
 Nominal apparent power : 321,7 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

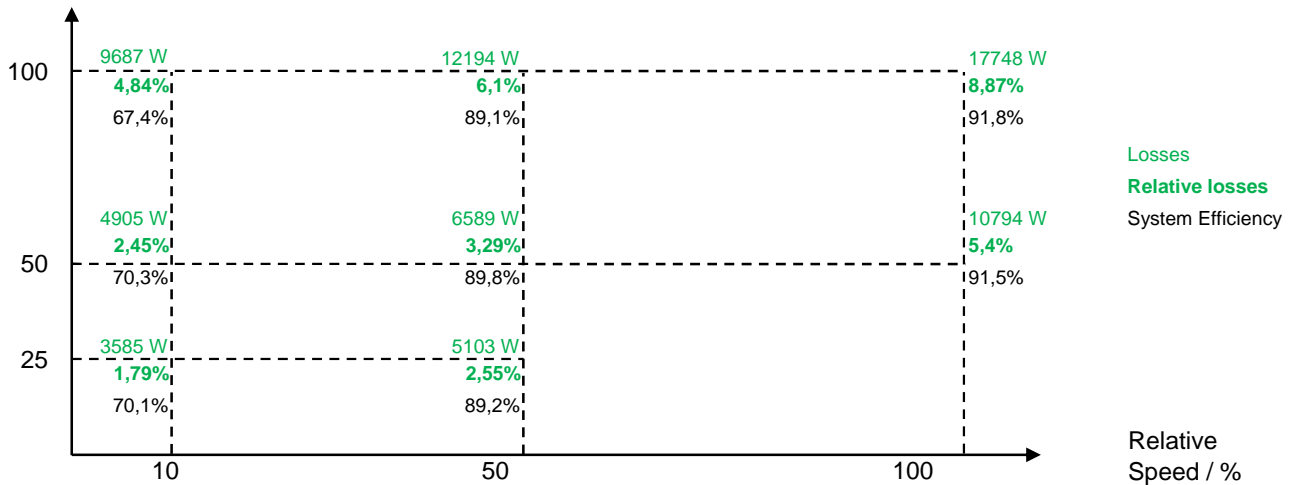
Standby losses : 209 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

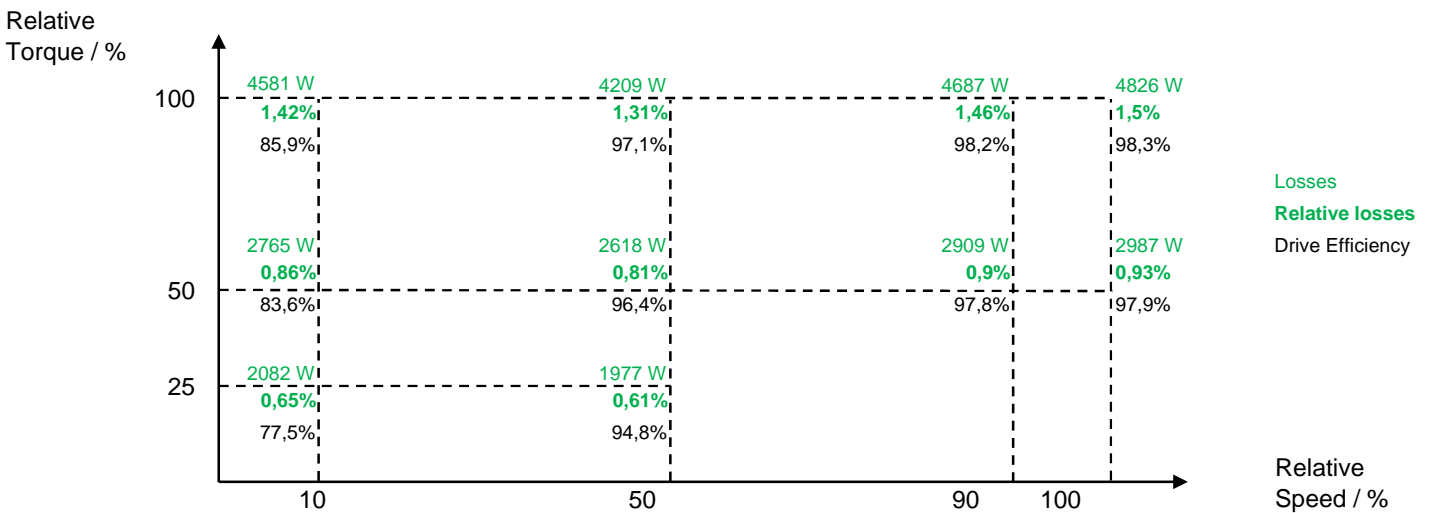
Reference : **ATV630C25N4MN
+ VW3A4569**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 200 kW / 300 HP
 Overload : Heavy Duty
 Nominal current : 387 A
 Nominal apparent power : 321,7 kVA
 Nominal frequency : 50 Hz

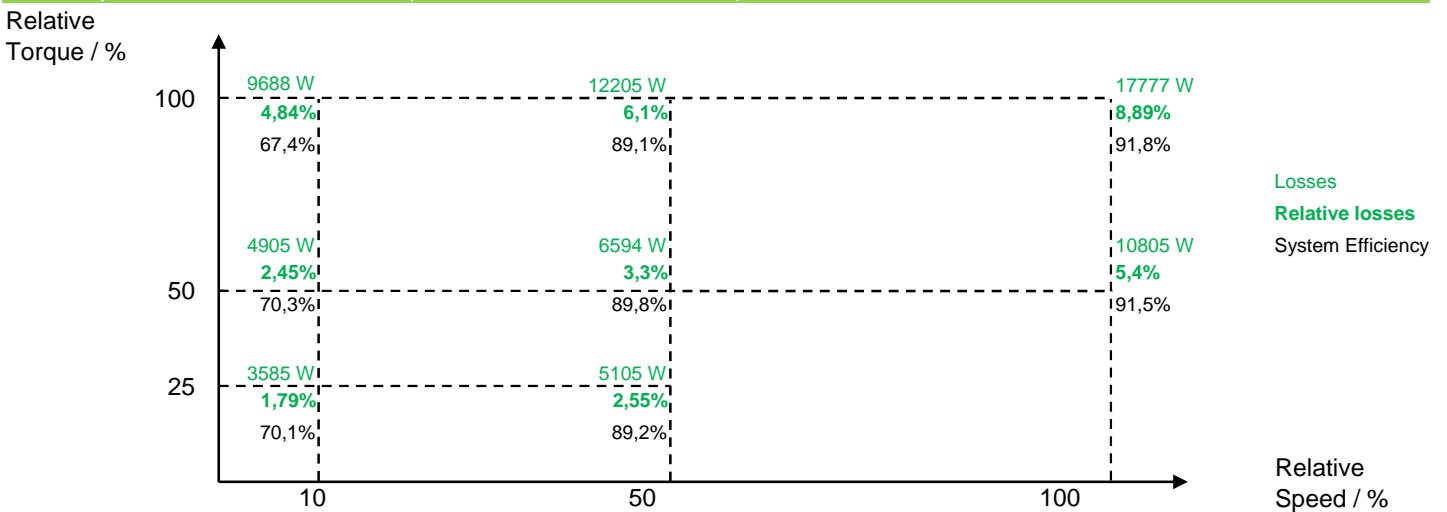


Efficiency data for the Drive

Standby losses : 209 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

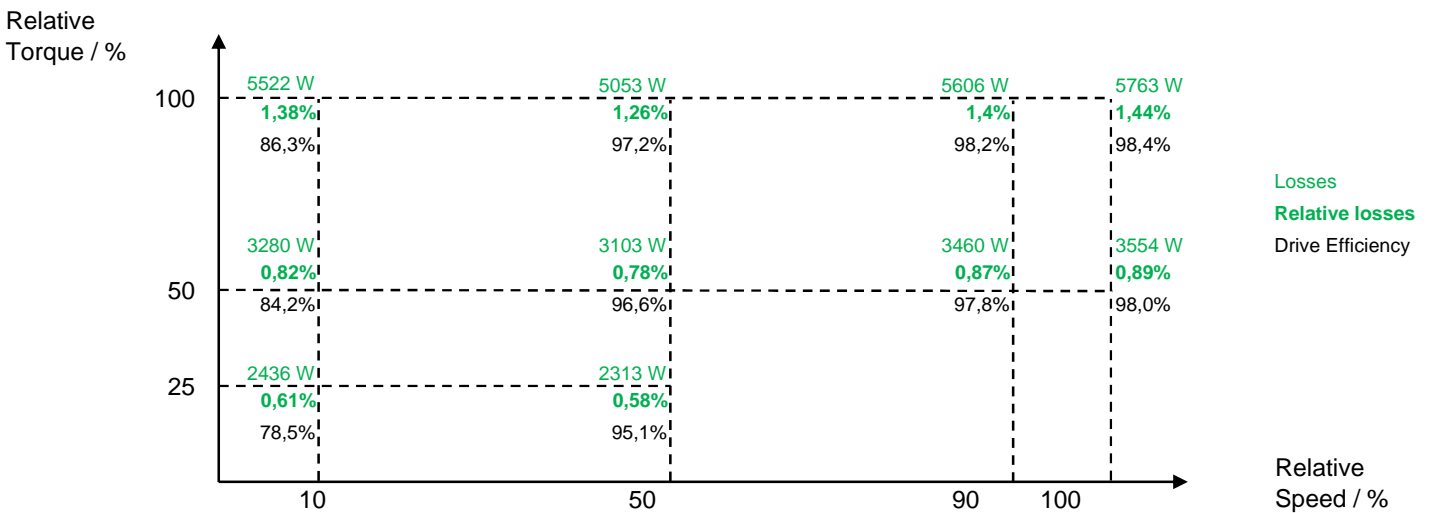
Reference : **ATV630C31N4**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 250 kW / 400 HP
 Overload : Heavy Duty
 Nominal current : 481 A
 Nominal apparent power : 399,9 kVA
 Nominal frequency : 50 Hz

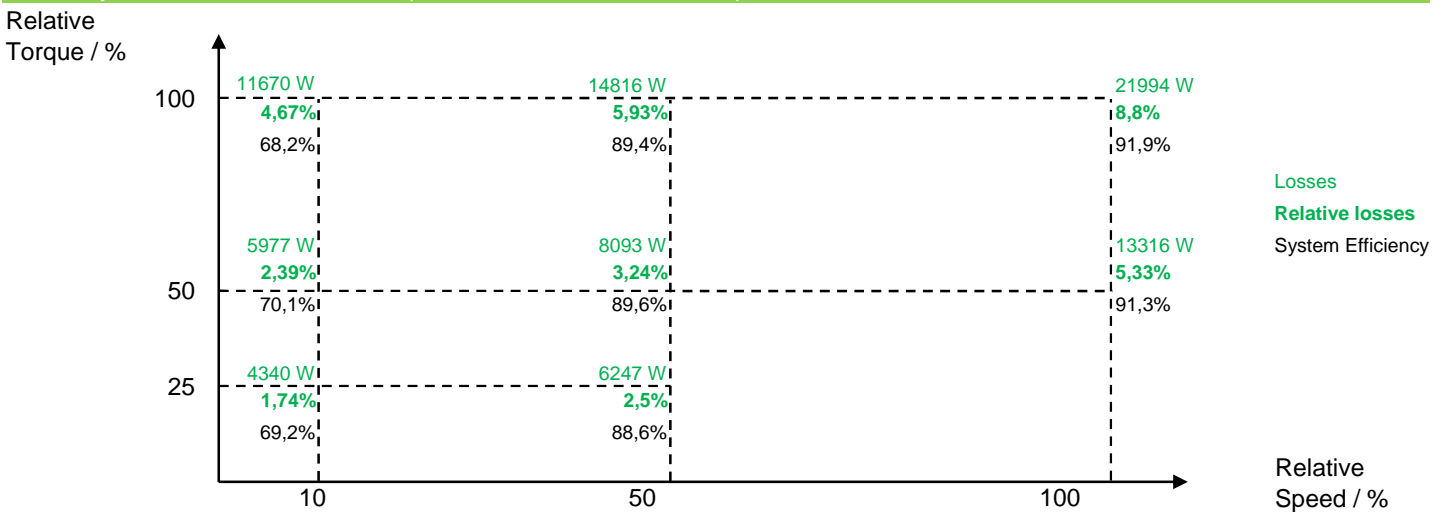


Efficiency data for the Drive

Standby losses : 209 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

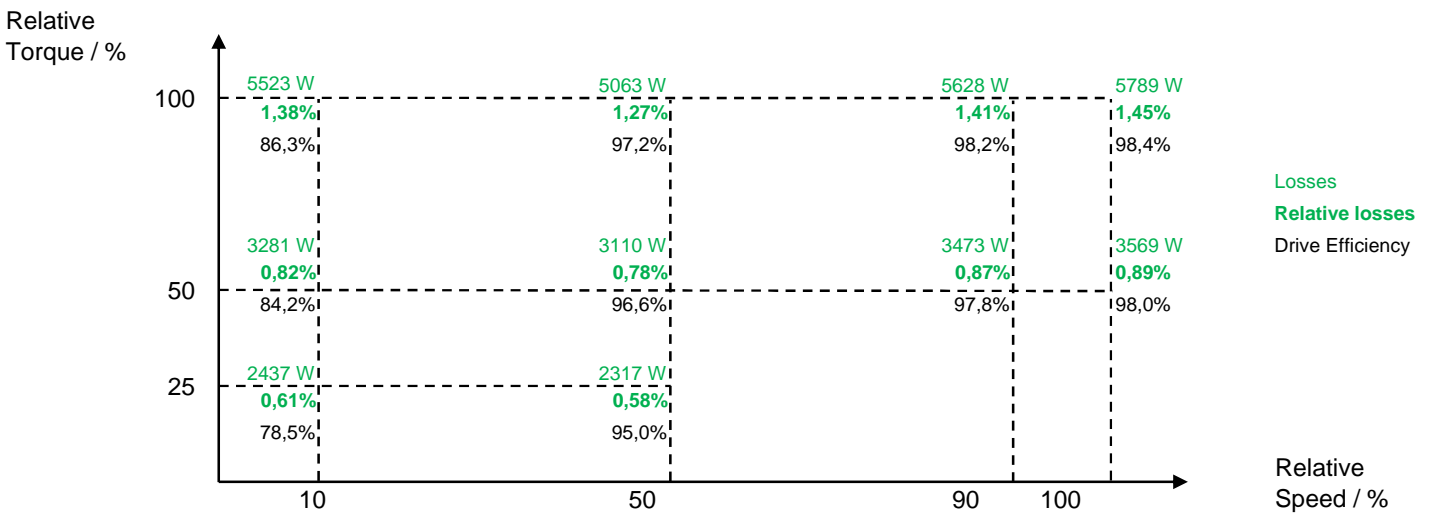
Reference : **ATV630C31N4MN
+ VW3A4564**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 250 kW / 400 HP
 Overload : Heavy Duty
 Nominal current : 481 A
 Nominal apparent power : 399,9 kVA
 Nominal frequency : 50 Hz

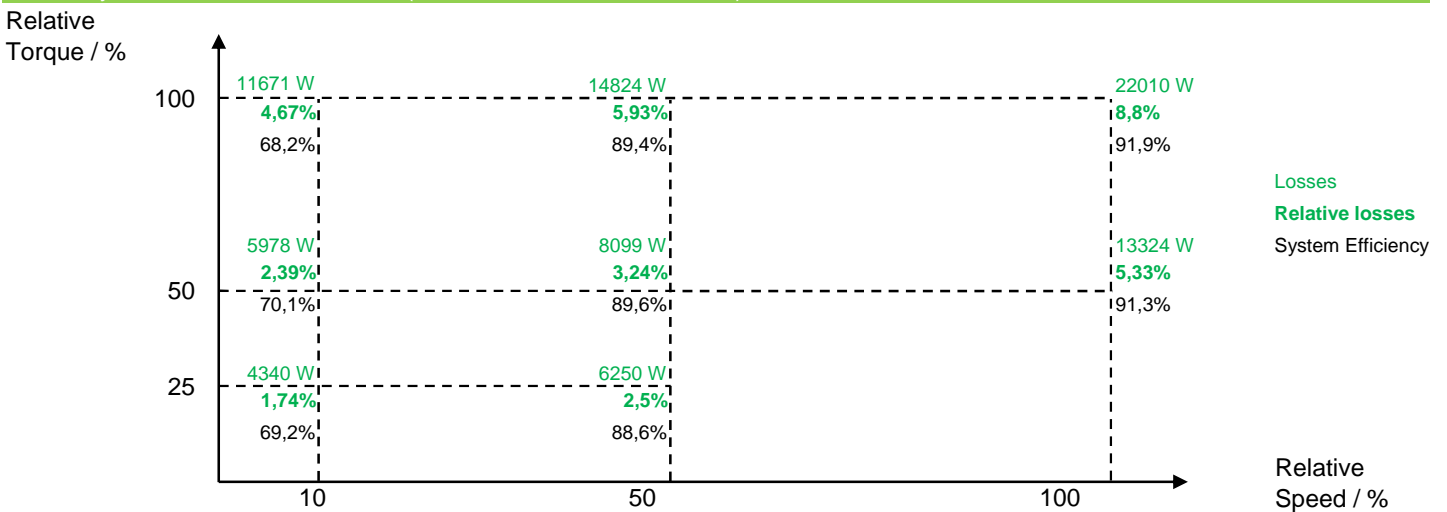


Efficiency data for the Drive

Standby losses : 209 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630C11N4F**

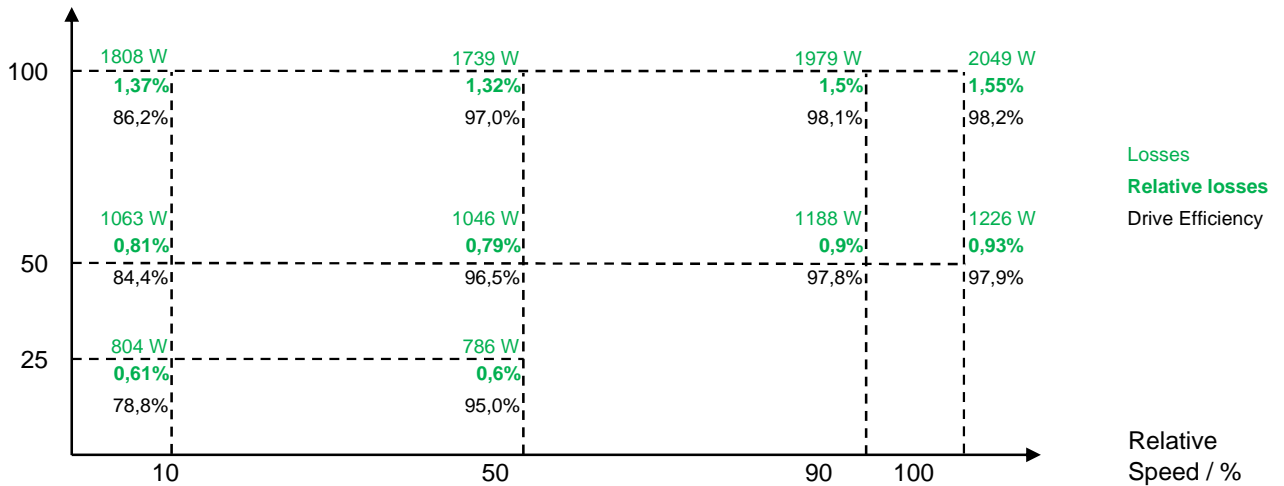


Series : Altivar Process ATV600
 Nominal voltage : 3x 440 VAC
 Nominal power : 90 kW / - HP
 Overload : Heavy Duty
 Nominal current : 173 A
 Nominal apparent power : 131,8 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

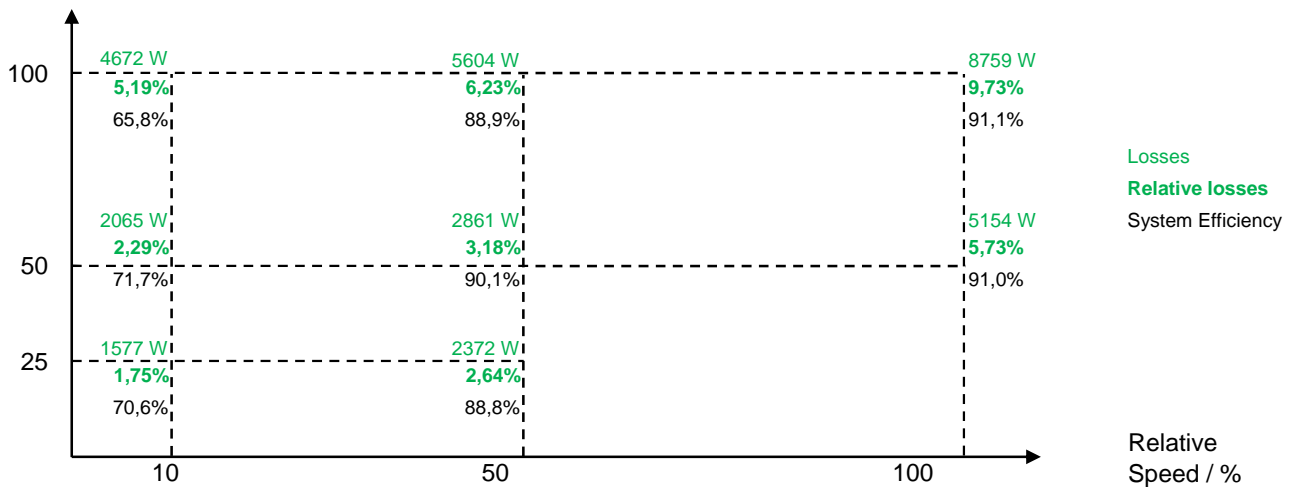
Standby losses : 88 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630C13N4F**

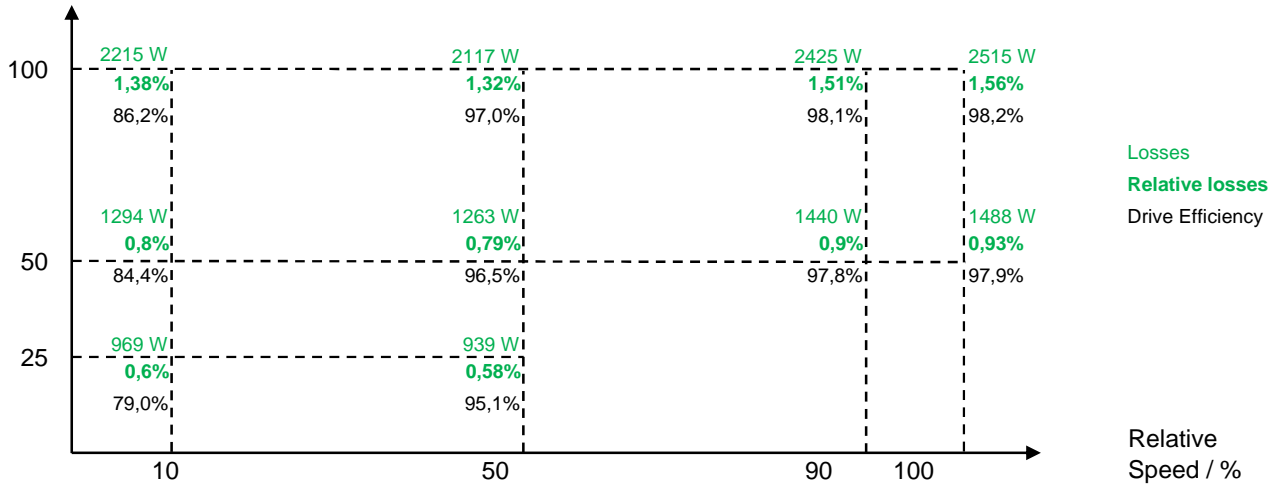
Series : Altivar Process ATV600
 Nominal voltage : 3x 440 VAC
 Nominal power : 110 kW / - HP
 Overload : Heavy Duty
 Nominal current : 211 A
 Nominal apparent power : 160,8 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

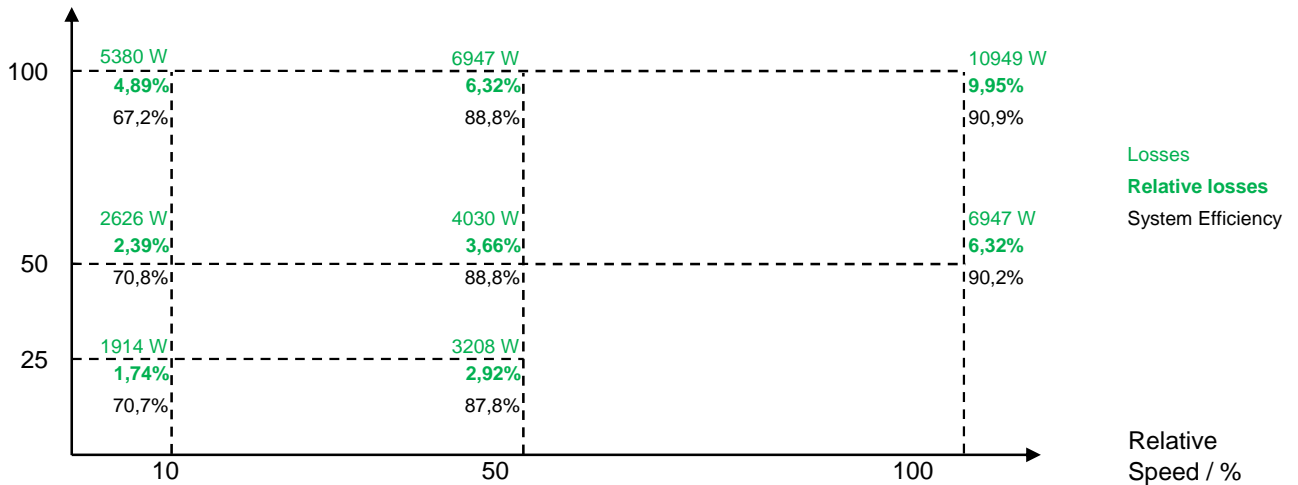
Standby losses : 88 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630C16N4F**

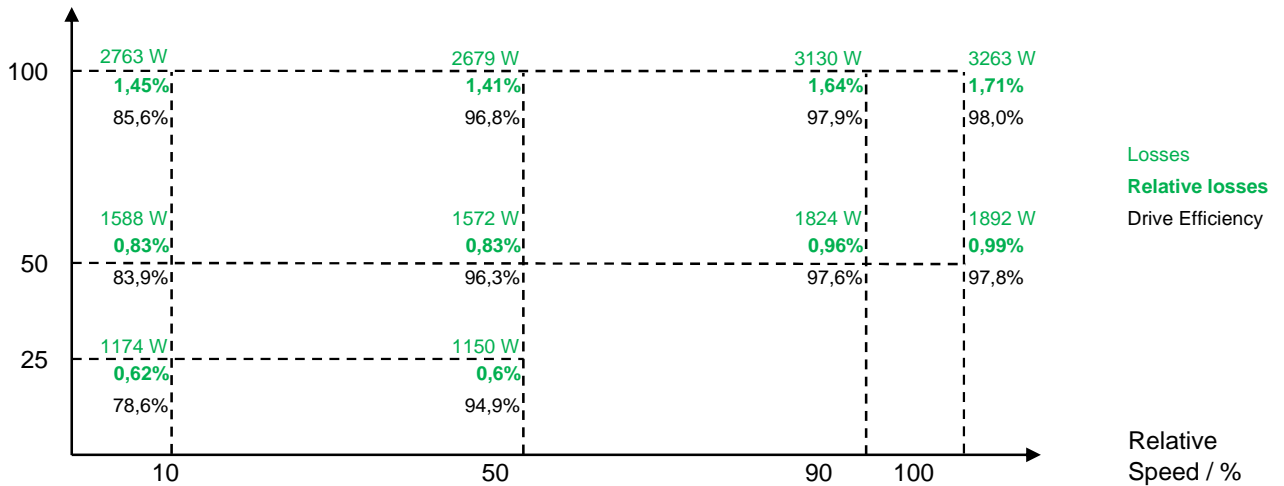


Series : Altivar Process ATV600
 Nominal voltage : 3x 440 VAC
 Nominal power : 132 kW / - HP
 Overload : Heavy Duty
 Nominal current : 250 A
 Nominal apparent power : 190,5 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

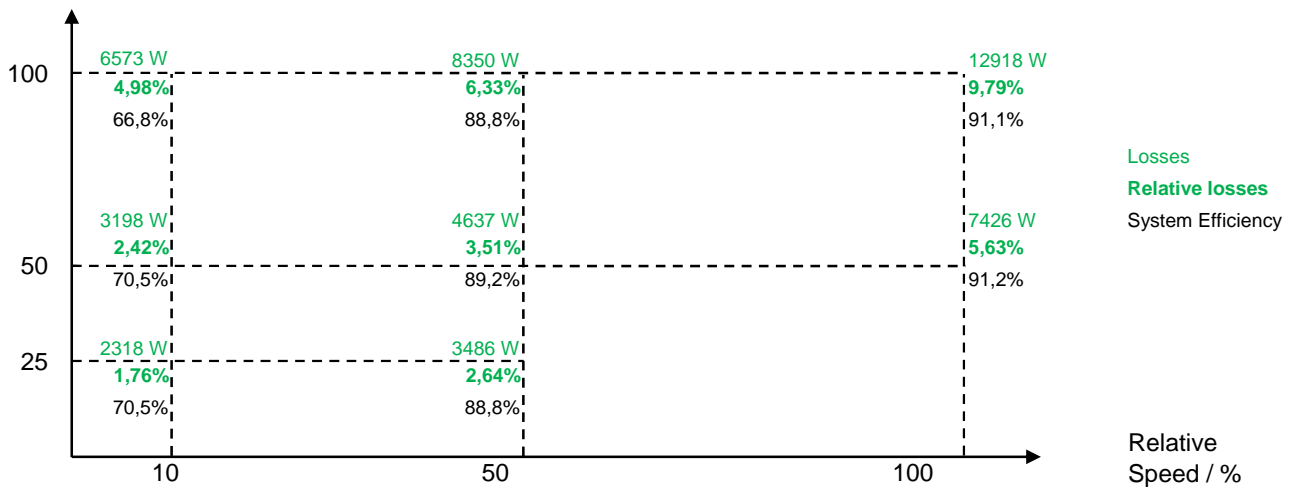
Standby losses : 87 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

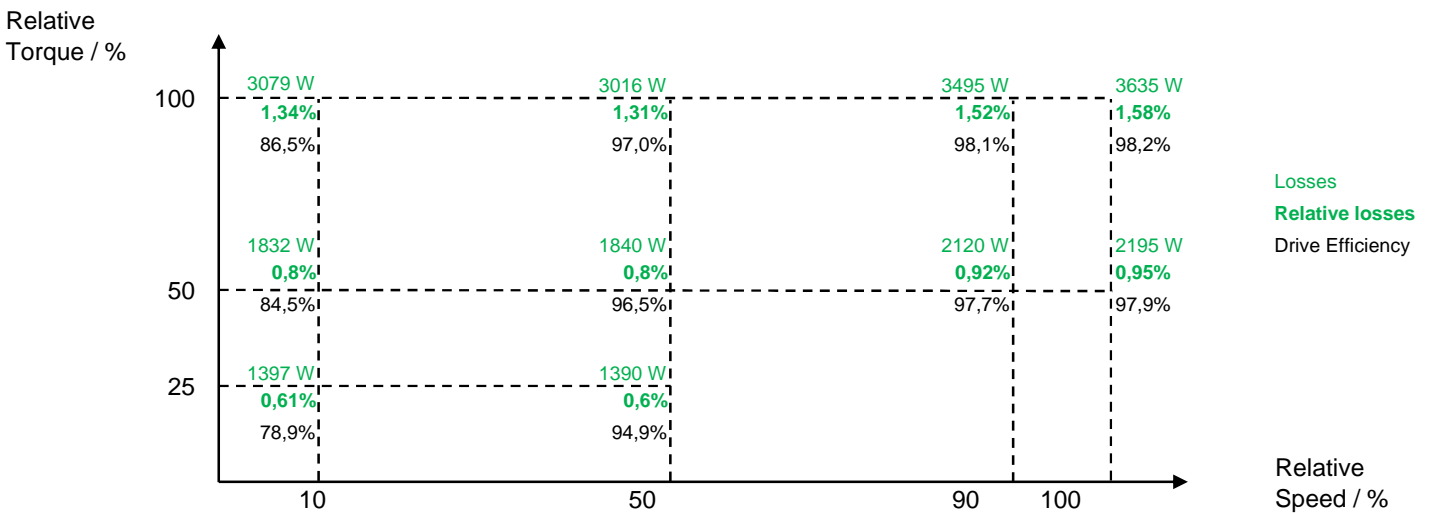
Reference : **ATV630C20N4F**

Series : Altivar Process ATV600
 Nominal voltage : 3x 440 VAC
 Nominal power : 160 kW / - HP
 Overload : Heavy Duty
 Nominal current : 302 A
 Nominal apparent power : 230,2 kVA
 Nominal frequency : 50 Hz

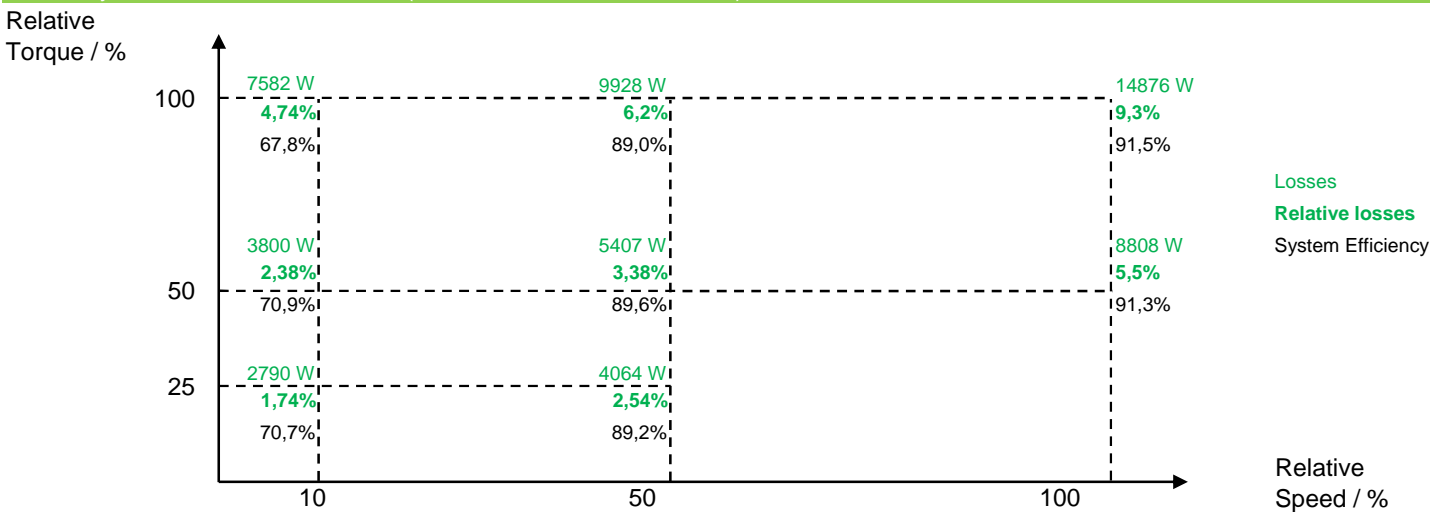


Efficiency data for the Drive

Standby losses : 169 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

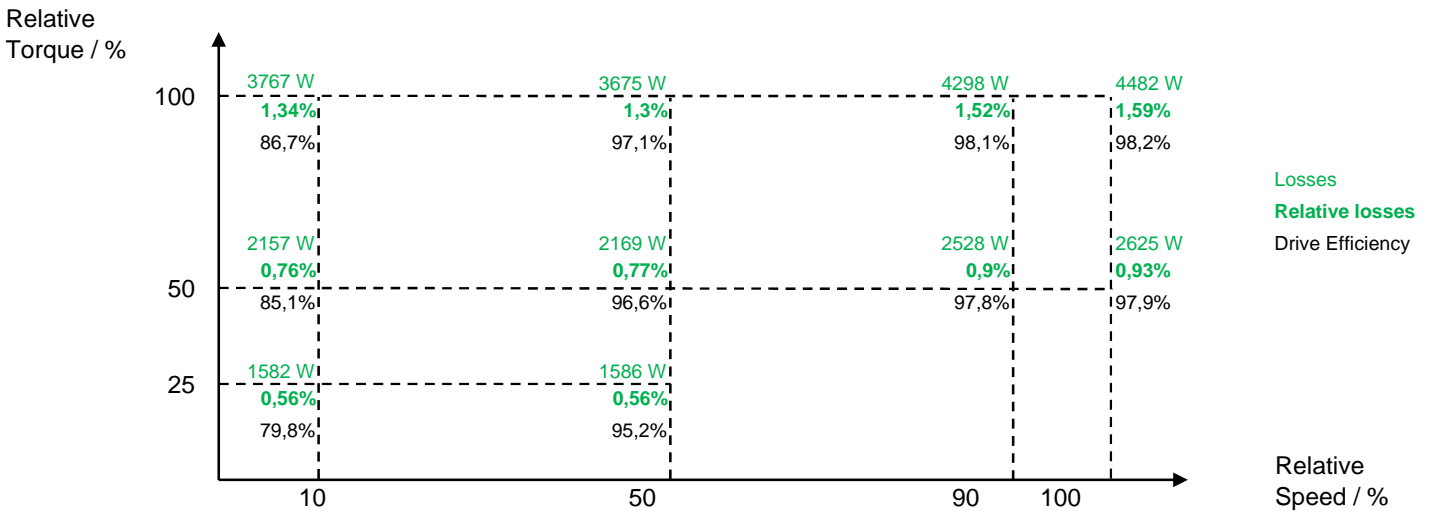
Reference : **ATV630C25N4F**



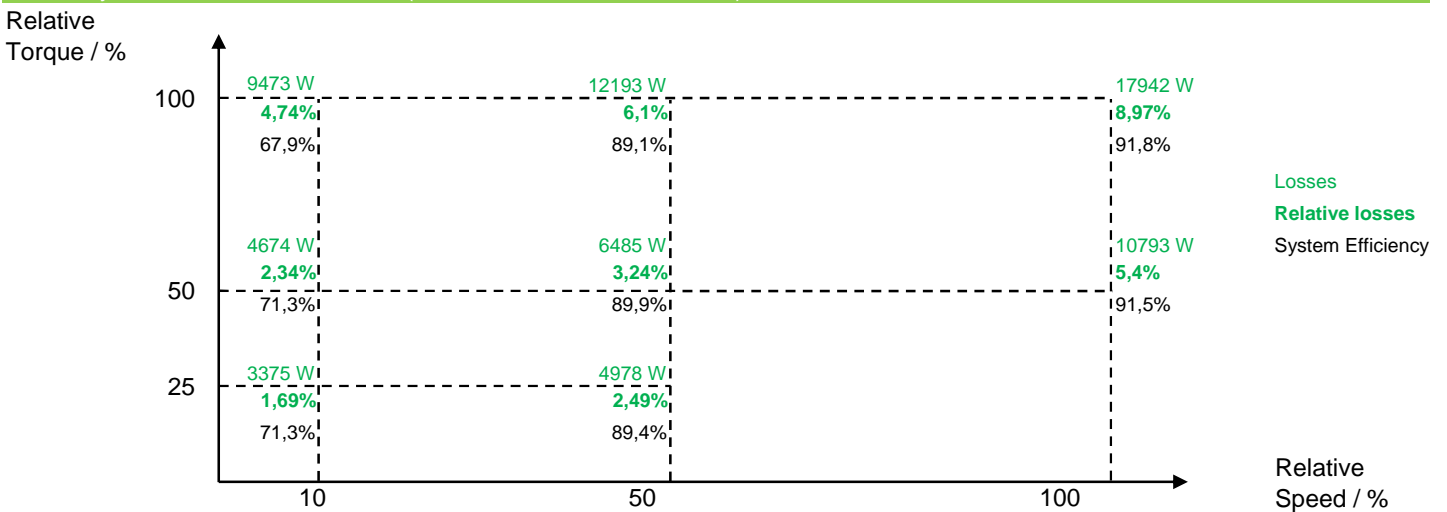
Series : Altivar Process ATV600
 Nominal voltage : 3x 440 VAC
 Nominal power : 200 kW / - HP
 Overload : Heavy Duty
 Nominal current : 370 A
 Nominal apparent power : 282 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

Standby losses : 169 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630C31N4F**

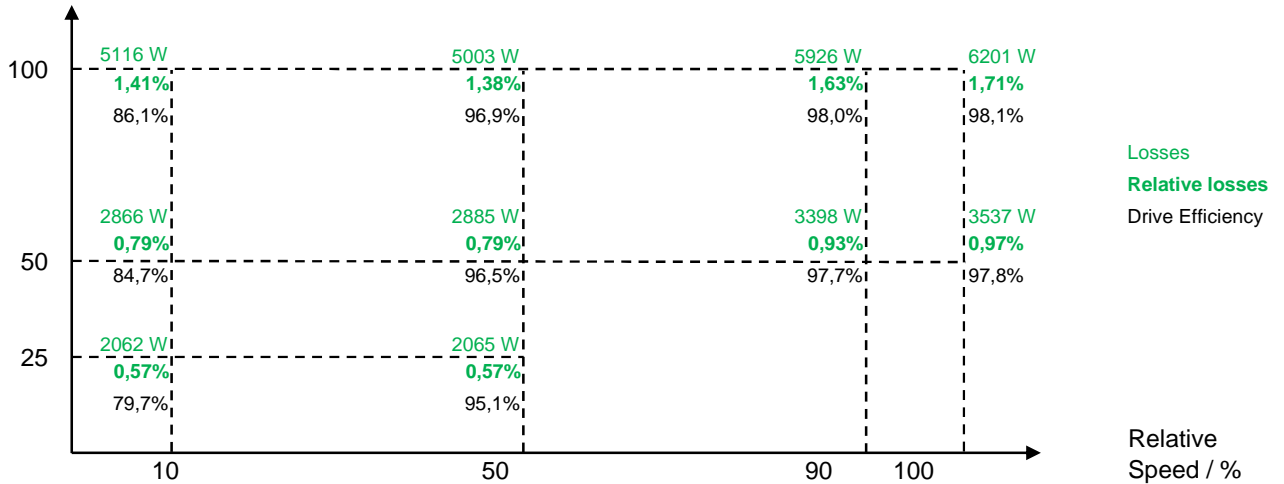


Series : Altivar Process ATV600
 Nominal voltage : 3x 440 VAC
 Nominal power : 250 kW / - HP
 Overload : Heavy Duty
 Nominal current : 477 A
 Nominal apparent power : 363,5 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

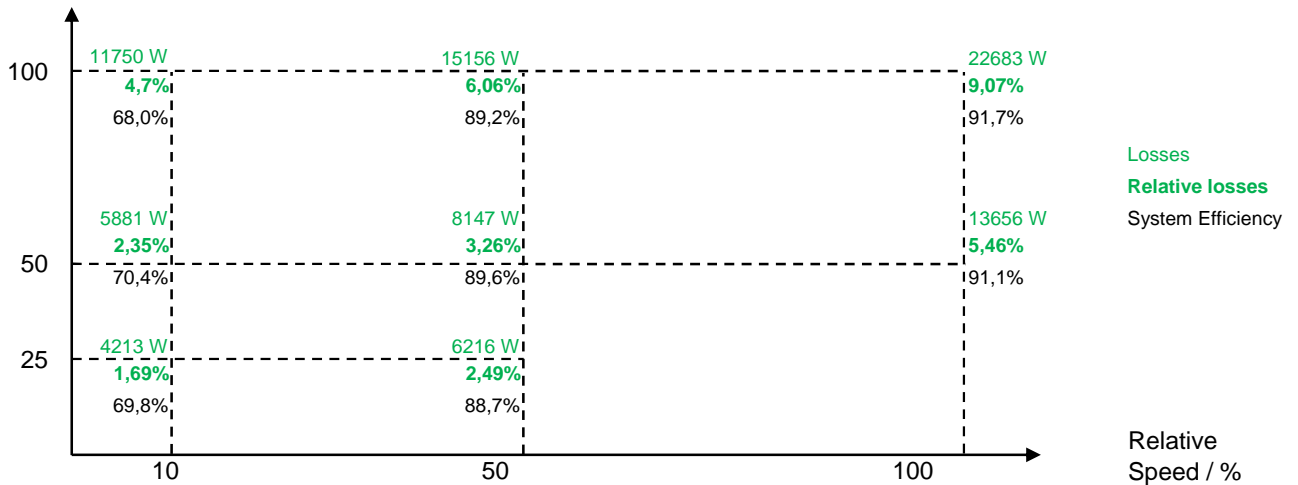
Standby losses : 169 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

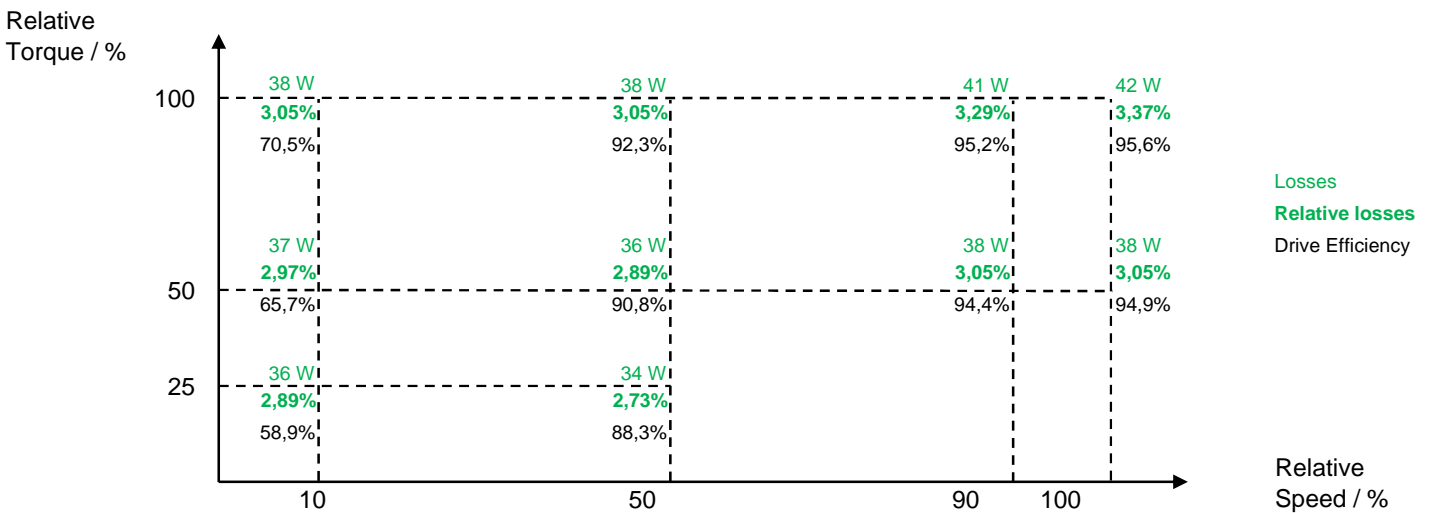
Reference : **ATV650U07N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 0,37 kW / 0,5 HP
 Overload : Heavy Duty
 Nominal current : 1,5 A
 Nominal apparent power : 1,2 kVA
 Nominal frequency : 50 Hz

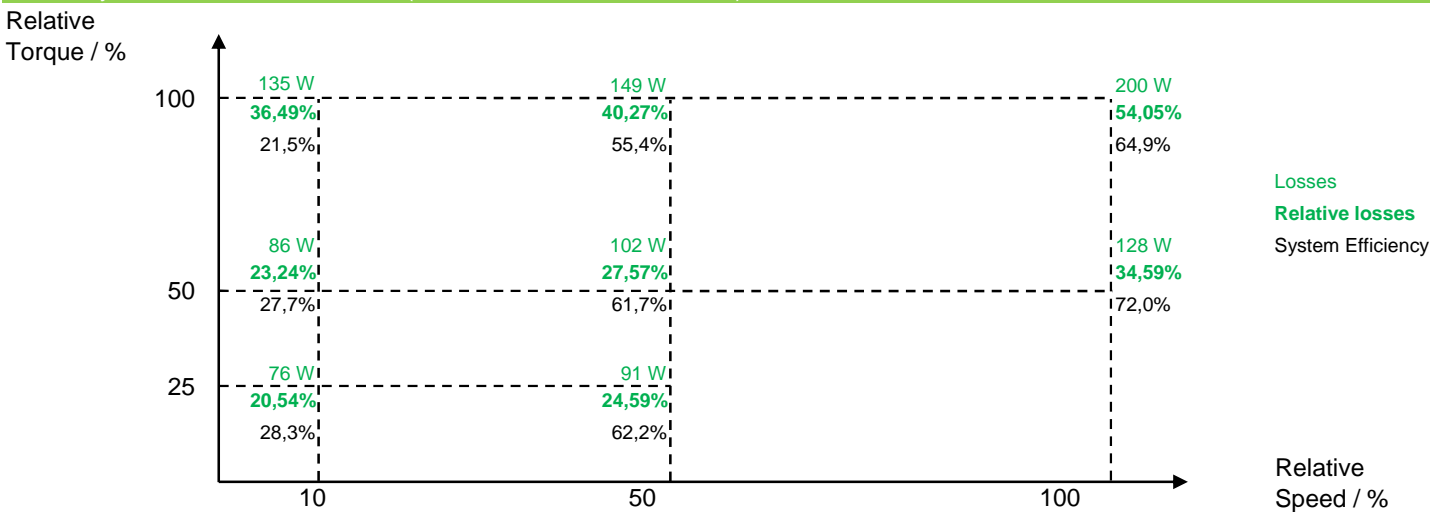


Efficiency data for the Drive

Standby losses : 15 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV650U15N4(E)**

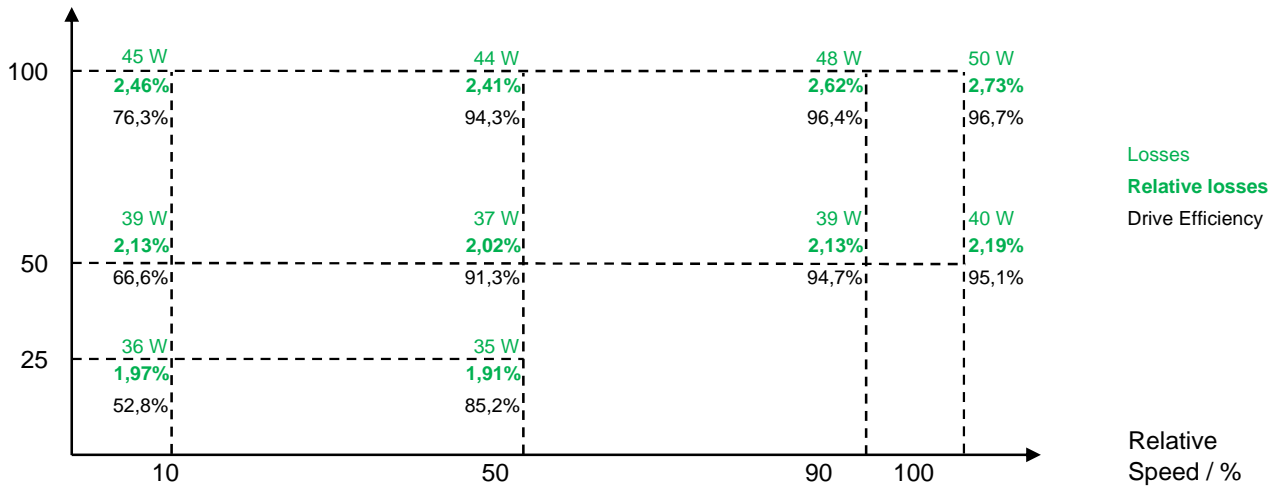


Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 0,75 kW / 1 HP
 Overload : Heavy Duty
 Nominal current : 2,2 A
 Nominal apparent power : 1,8 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

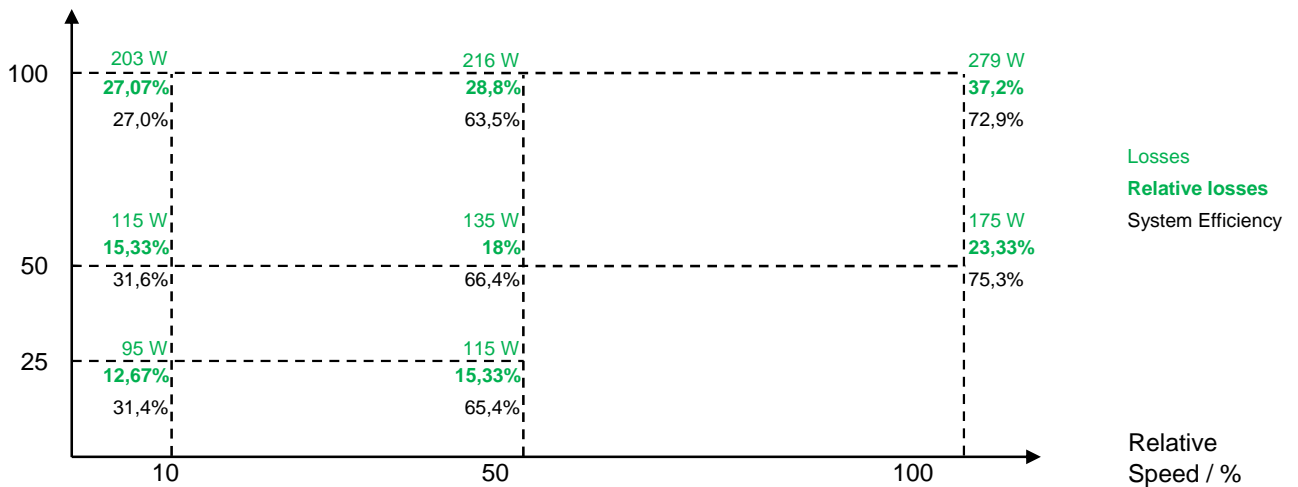
Standby losses : 15 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

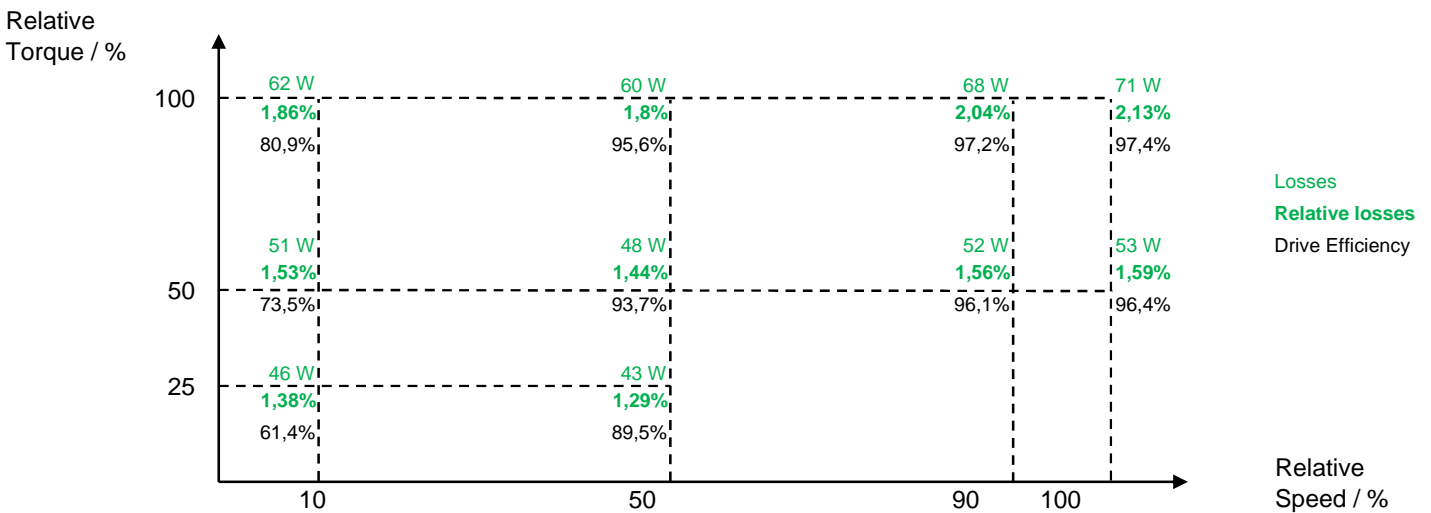
Reference : **ATV650U22N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 1,5 kW / 2 HP
 Overload : Heavy Duty
 Nominal current : 4 A
 Nominal apparent power : 3,3 kVA
 Nominal frequency : 50 Hz

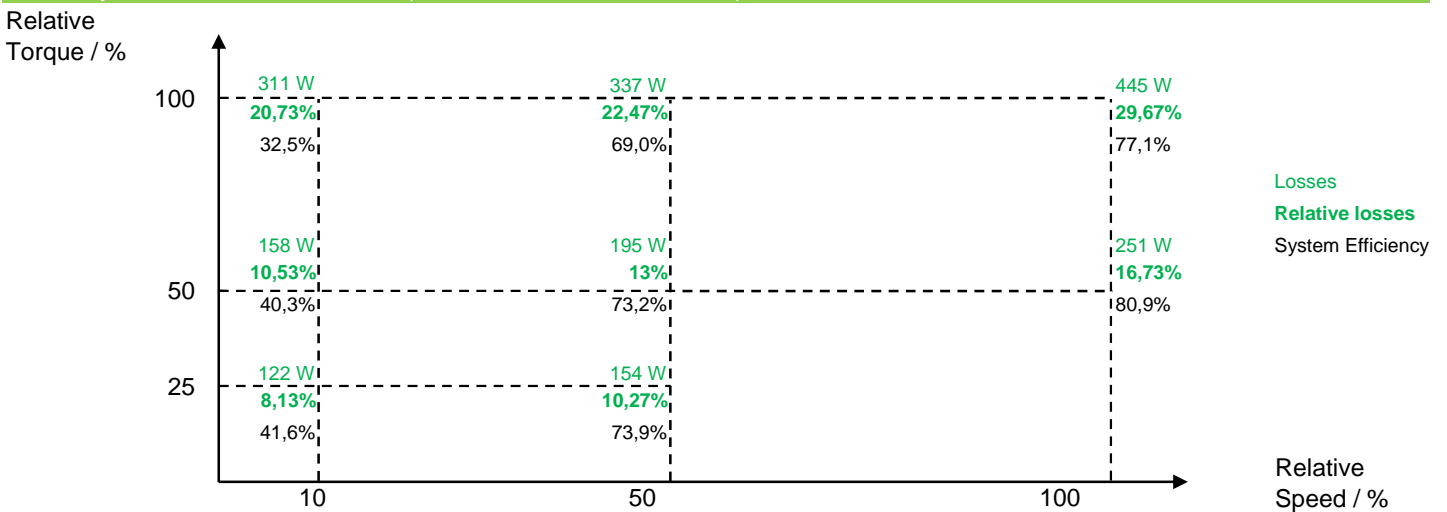


Efficiency data for the Drive

Standby losses : 15 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

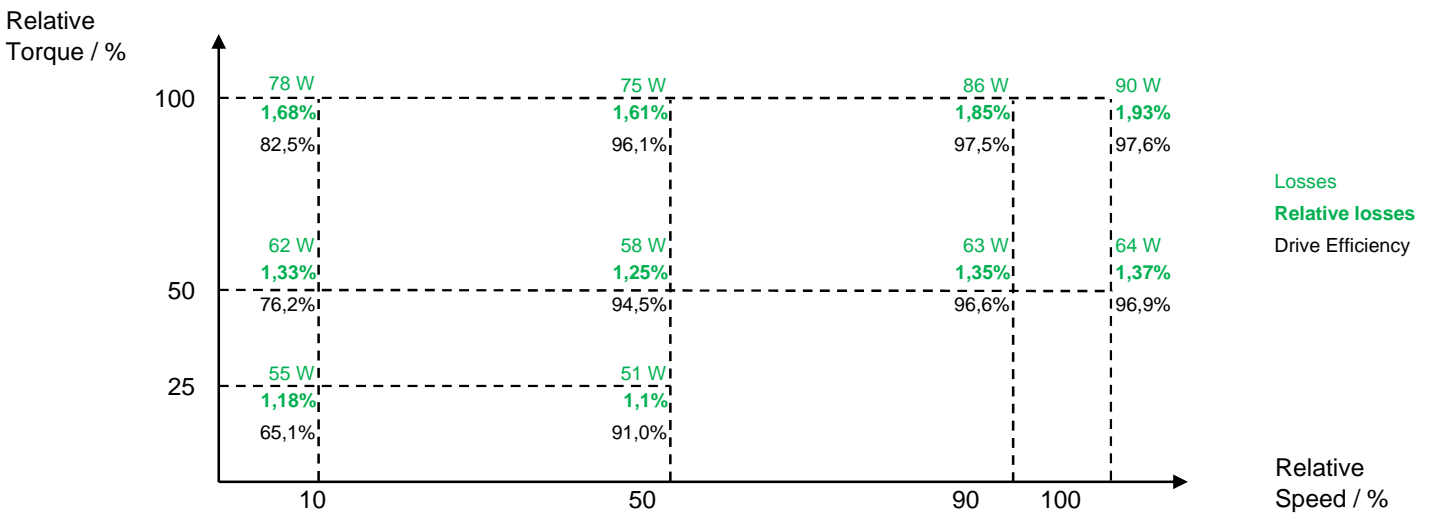
Reference : **ATV650U30N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 2,2 kW / 3 HP
 Overload : Heavy Duty
 Nominal current : 5,6 A
 Nominal apparent power : 4,7 kVA
 Nominal frequency : 50 Hz

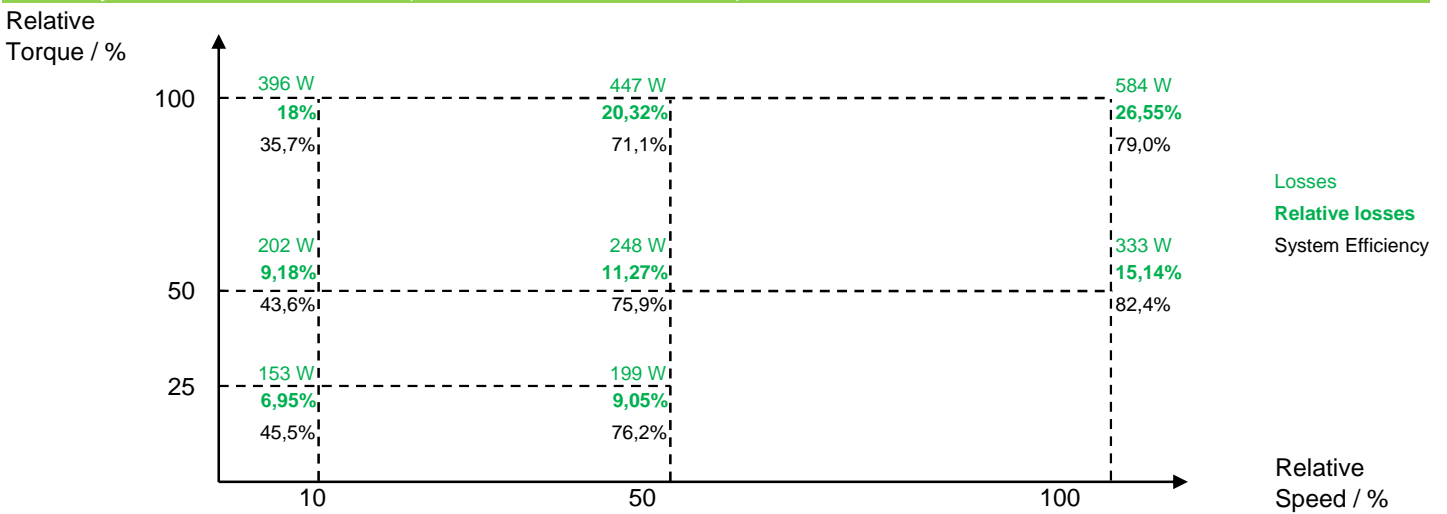


Efficiency data for the Drive

Standby losses : 15 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

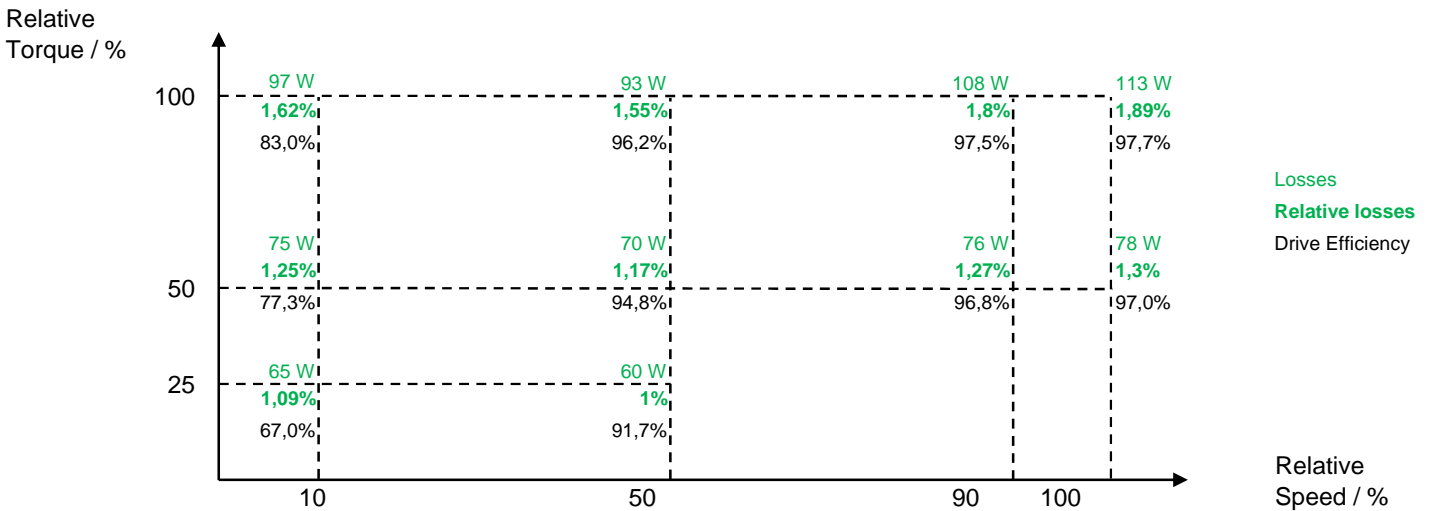
Reference : **ATV650U40N4(E)**



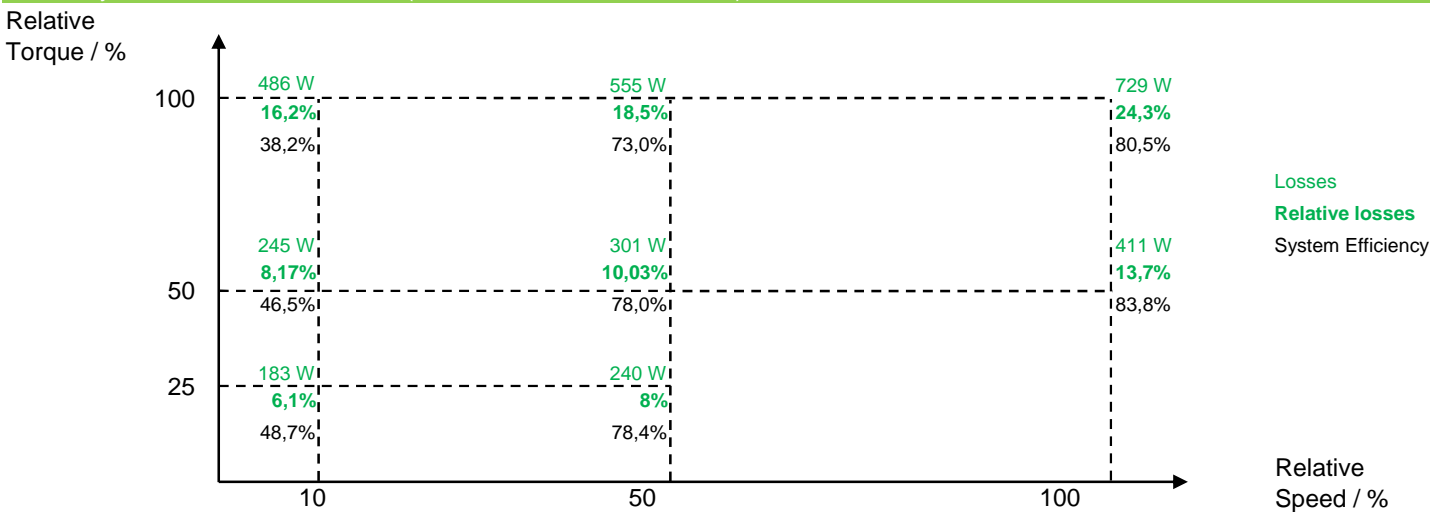
Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 3 kW / - HP
 Overload : Heavy Duty
 Nominal current : 7,2 A
 Nominal apparent power : 6 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

Standby losses : 15 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV650U55N4(E)**

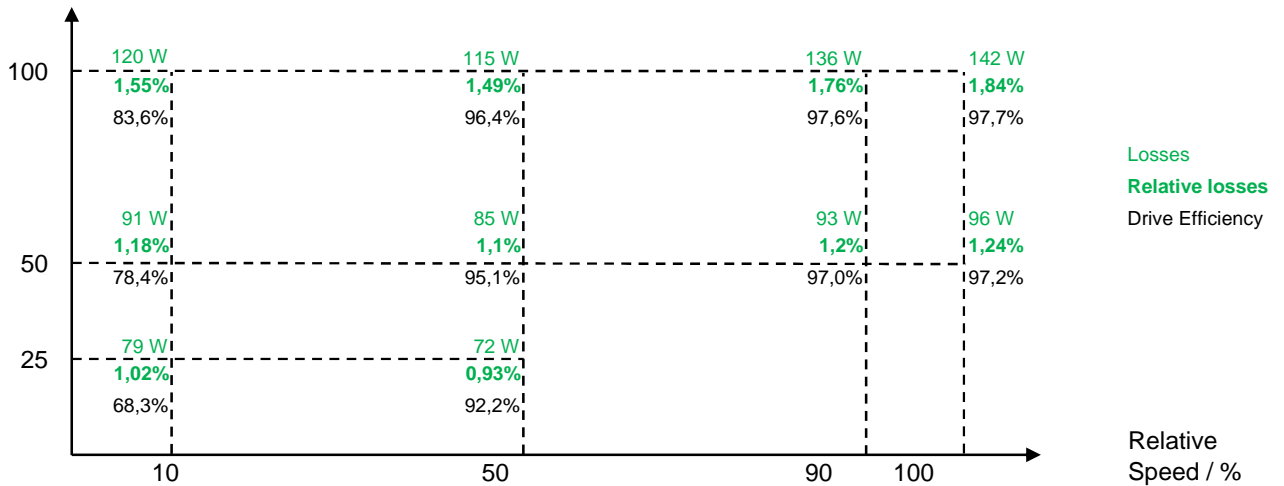
Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 4 kW / 5 HP
 Overload : Heavy Duty
 Nominal current : 9,3 A
 Nominal apparent power : 7,7 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

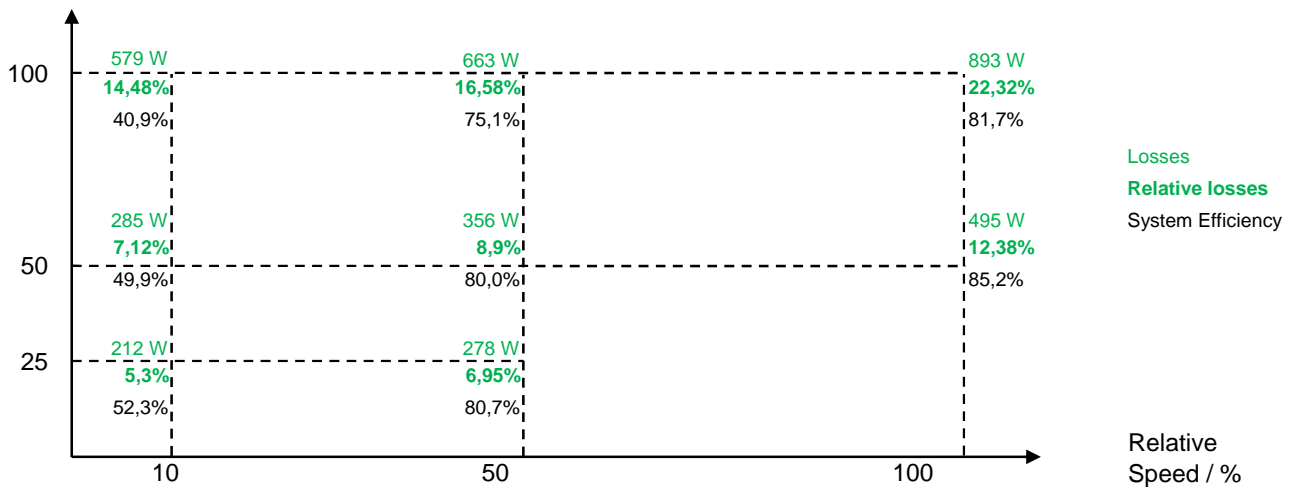
Standby losses : 15 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

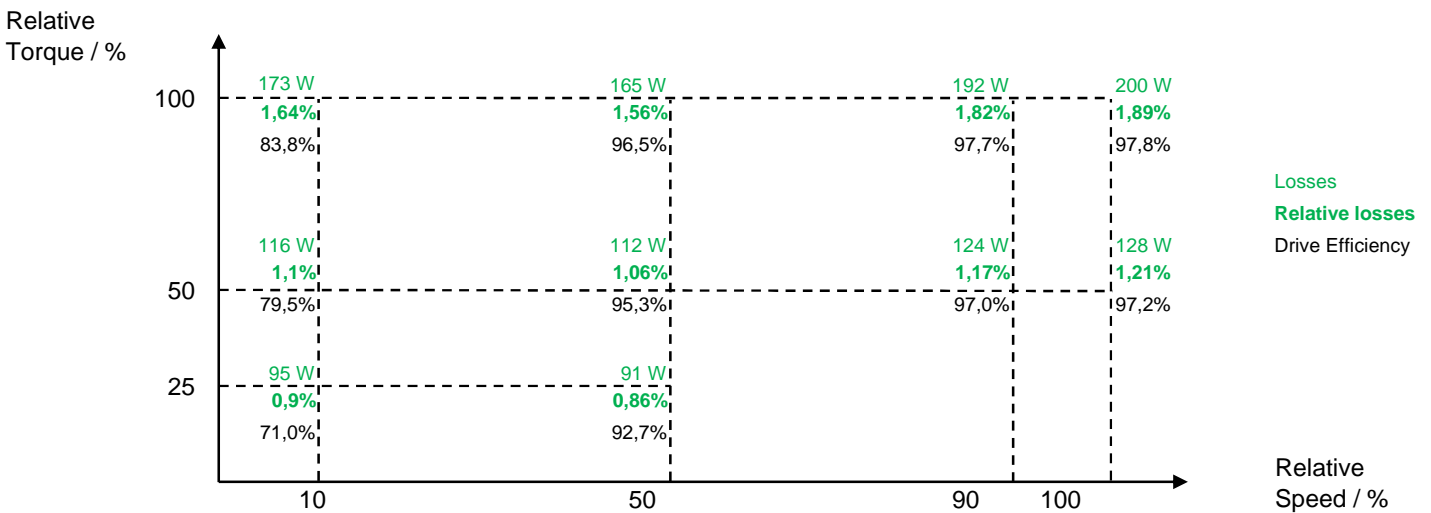
Reference : **ATV650U75N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 5,5 kW / 7,5 HP
 Overload : Heavy Duty
 Nominal current : 12,7 A
 Nominal apparent power : 10,6 kVA
 Nominal frequency : 50 Hz

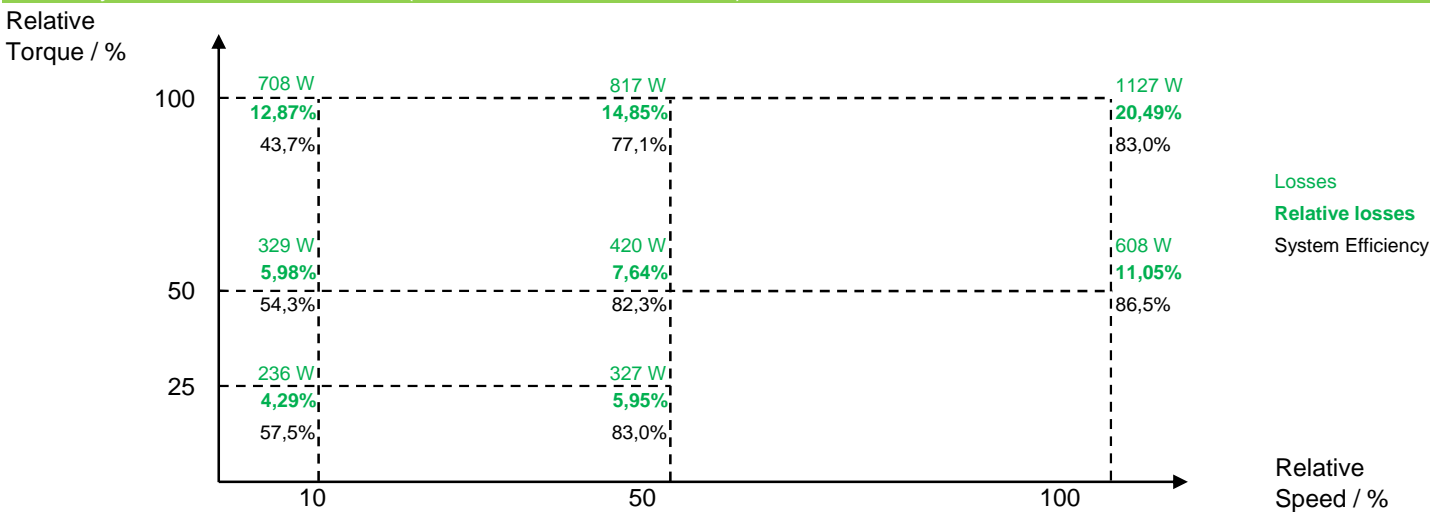


Efficiency data for the Drive

Standby losses : 19 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

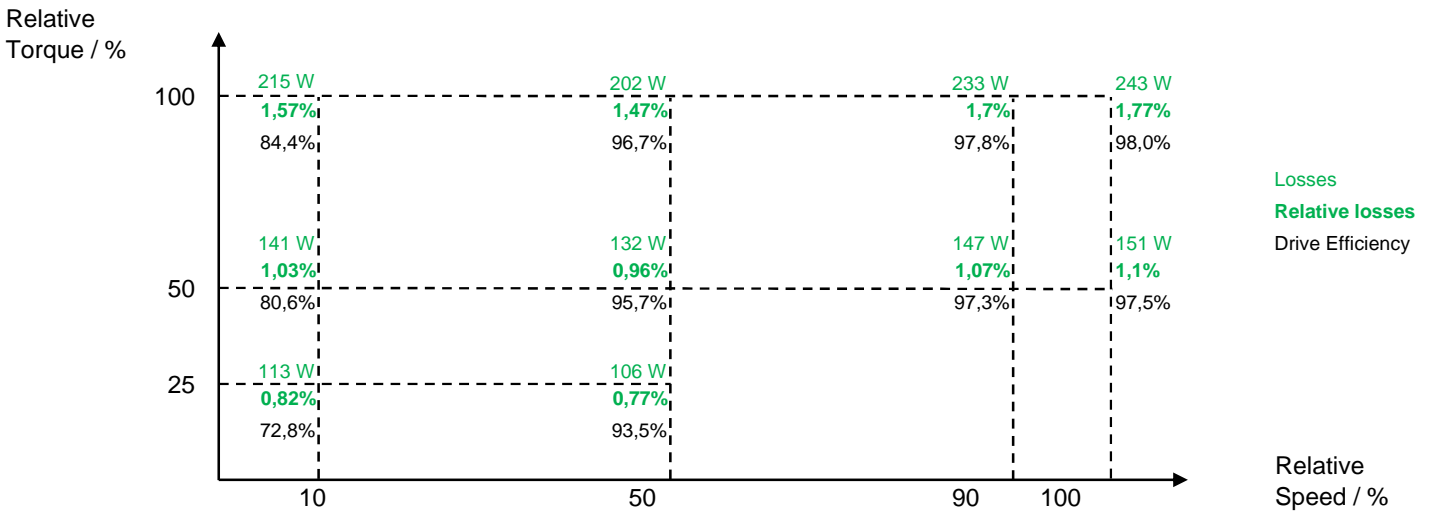
Reference : **ATV650D11N4(E)**



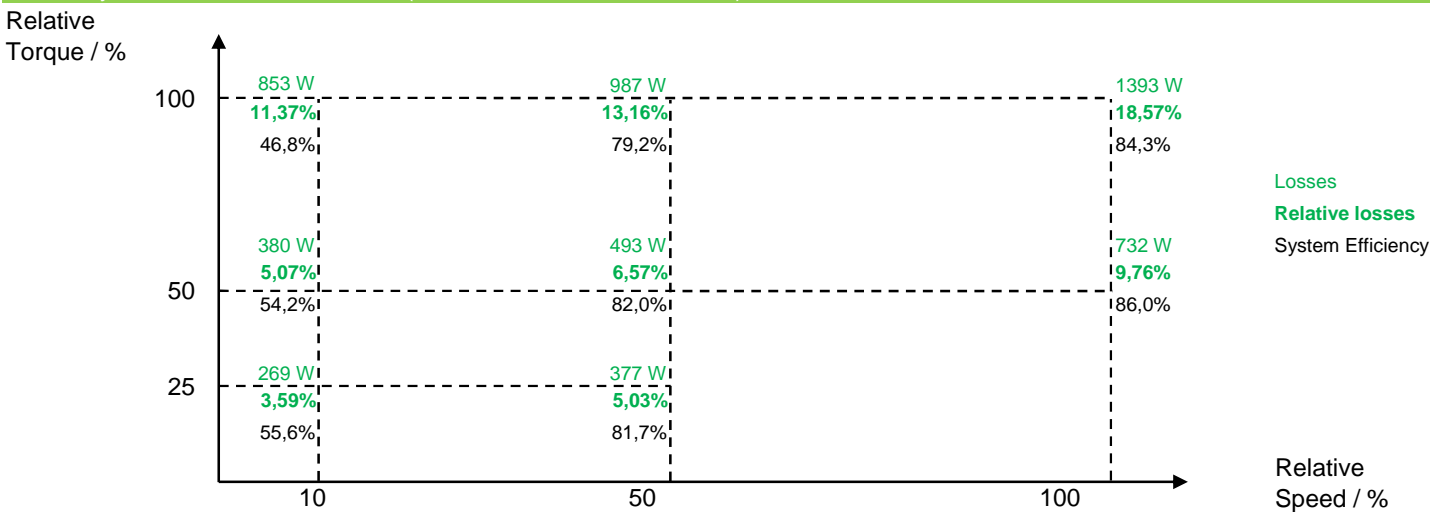
Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 7,5 kW / 10 HP
 Overload : Heavy Duty
 Nominal current : 16,5 A
 Nominal apparent power : 13,7 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

Standby losses : 19 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

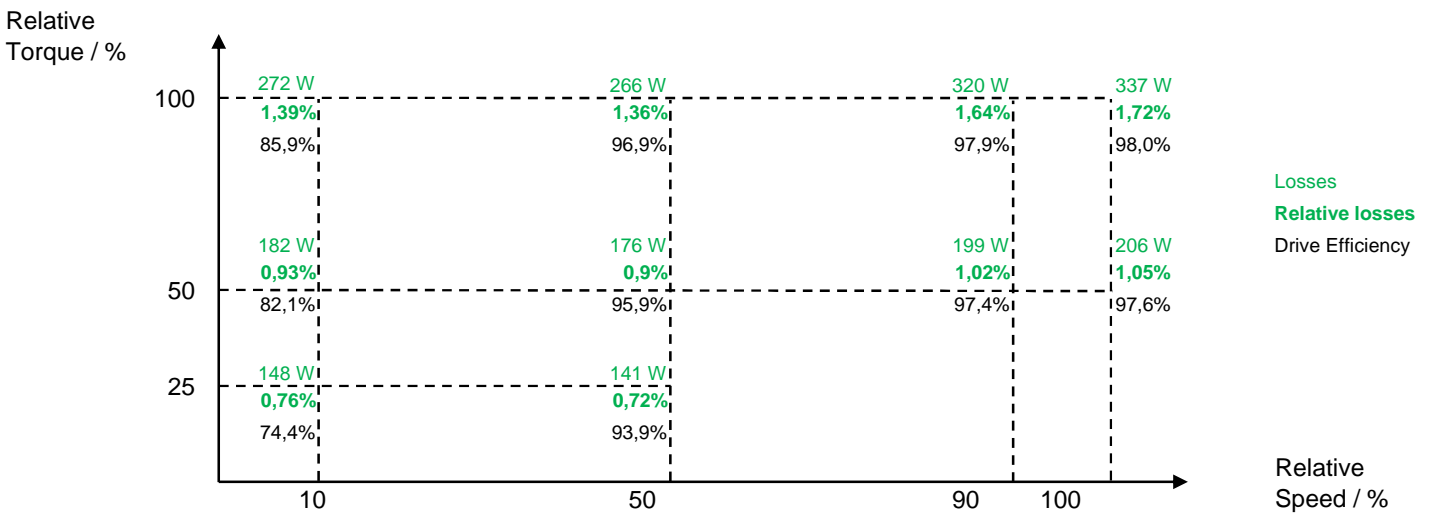
Reference : **ATV650D15N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 11 kW / 15 HP
 Overload : Heavy Duty
 Nominal current : 23,5 A
 Nominal apparent power : 19,5 kVA
 Nominal frequency : 50 Hz

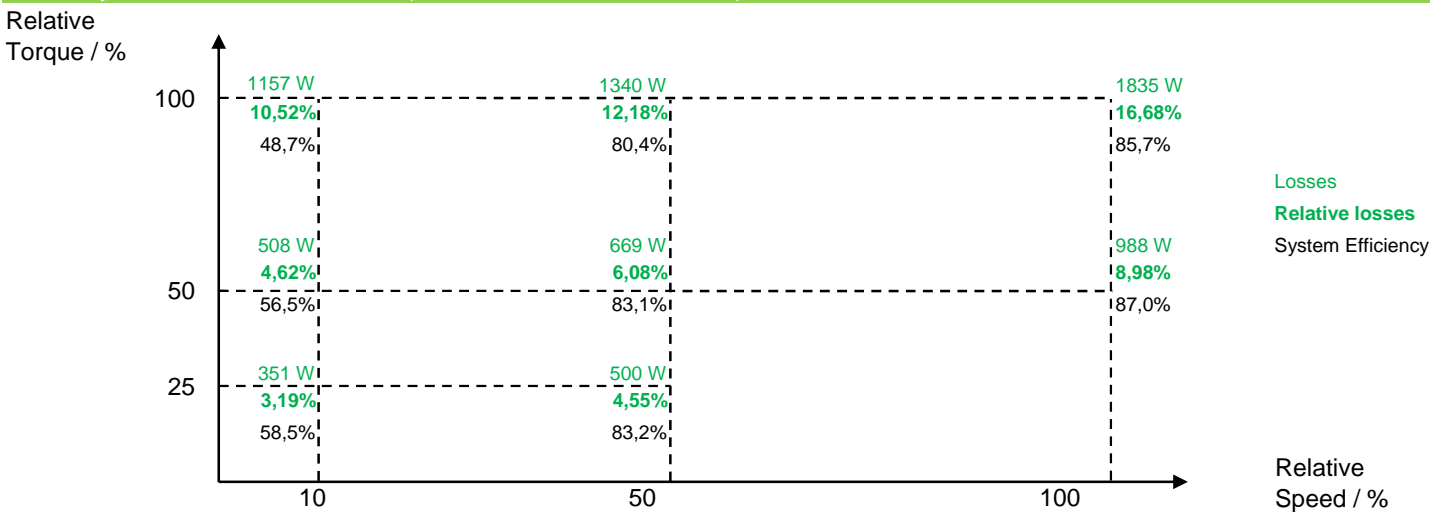


Efficiency data for the Drive

Standby losses : 24 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV650D18N4(E)**

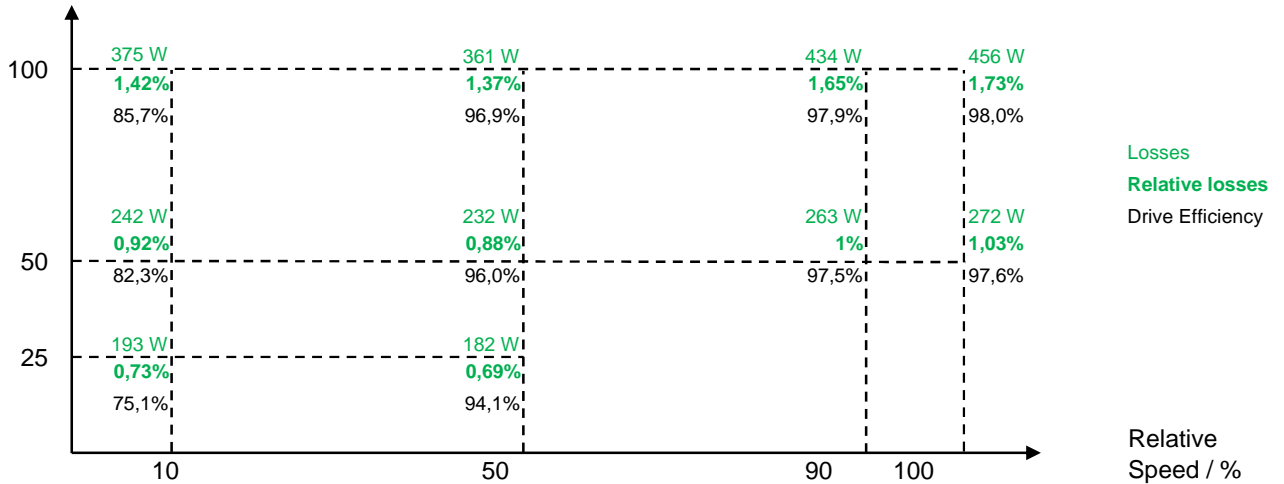
Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 15 kW / 20 HP
 Overload : Heavy Duty
 Nominal current : 31,7 A
 Nominal apparent power : 26,4 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

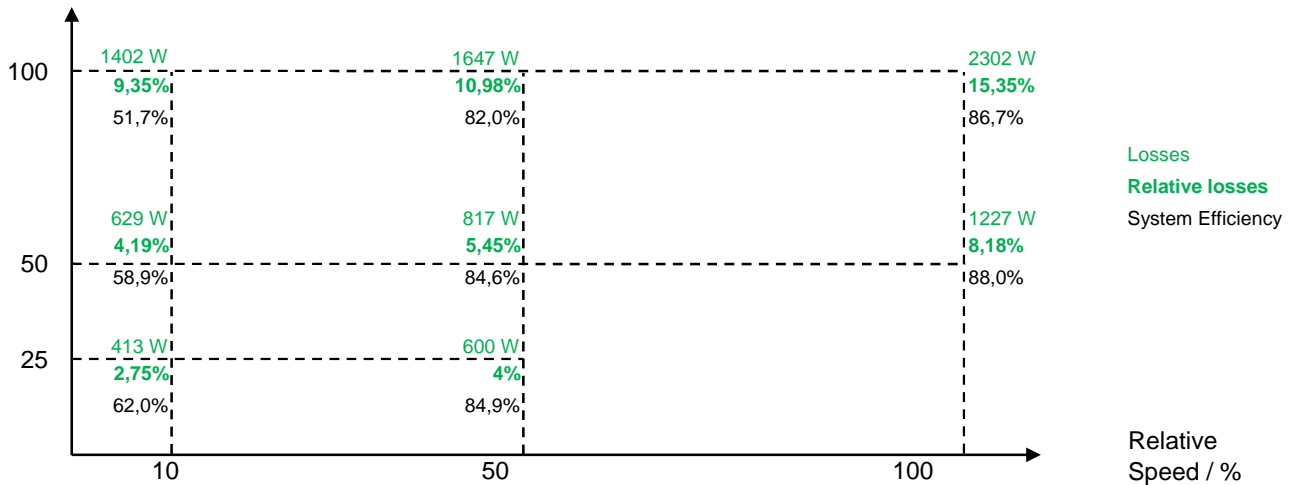
Standby losses : 24 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV650D22N4(E)**

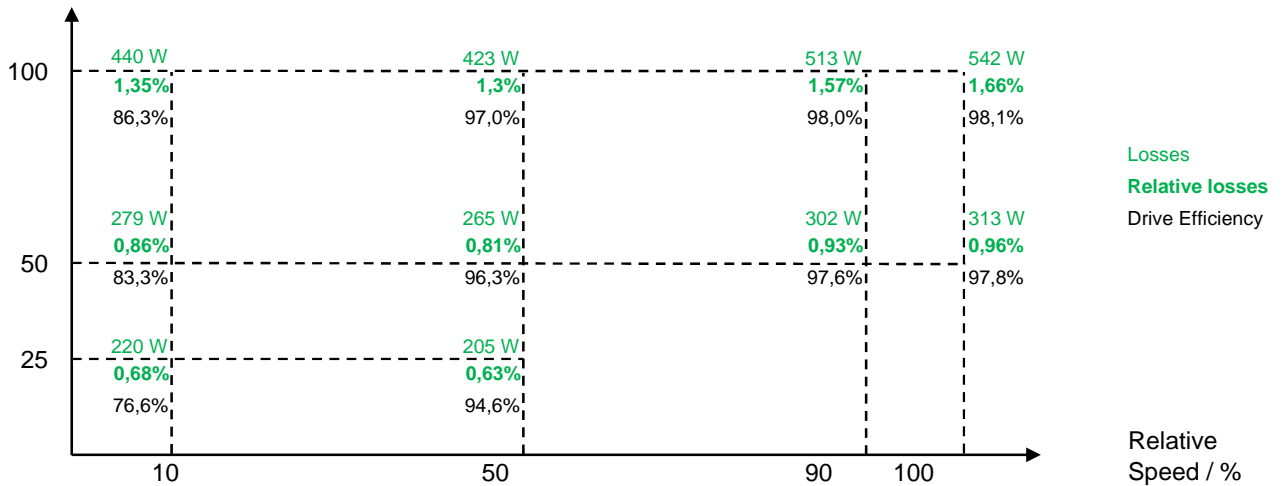
Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 18,5 kW / 25 HP
 Overload : Heavy Duty
 Nominal current : 39,2 A
 Nominal apparent power : 32,6 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

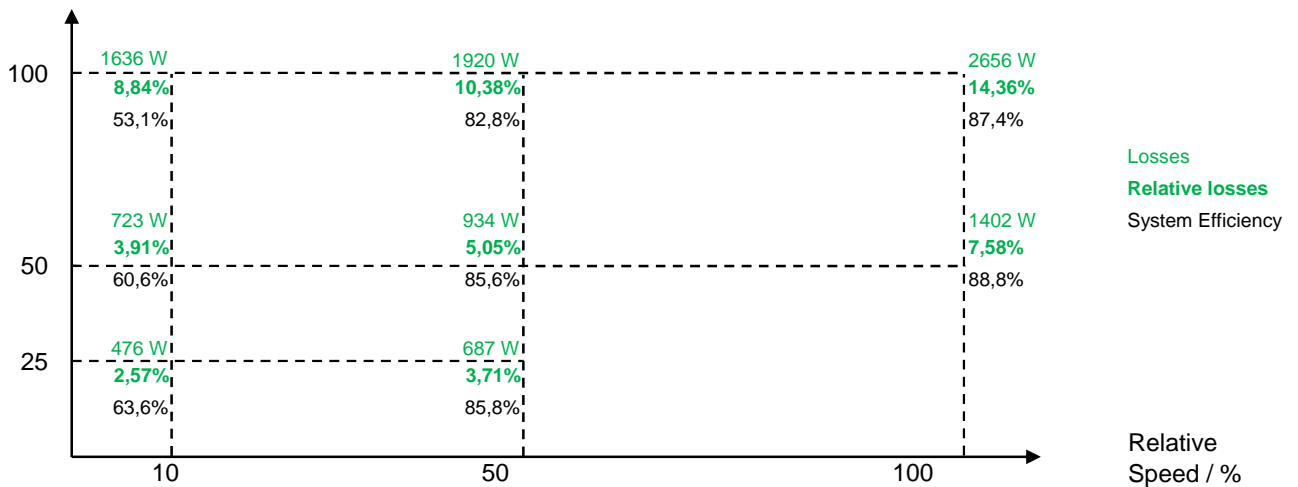
Standby losses : 24 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

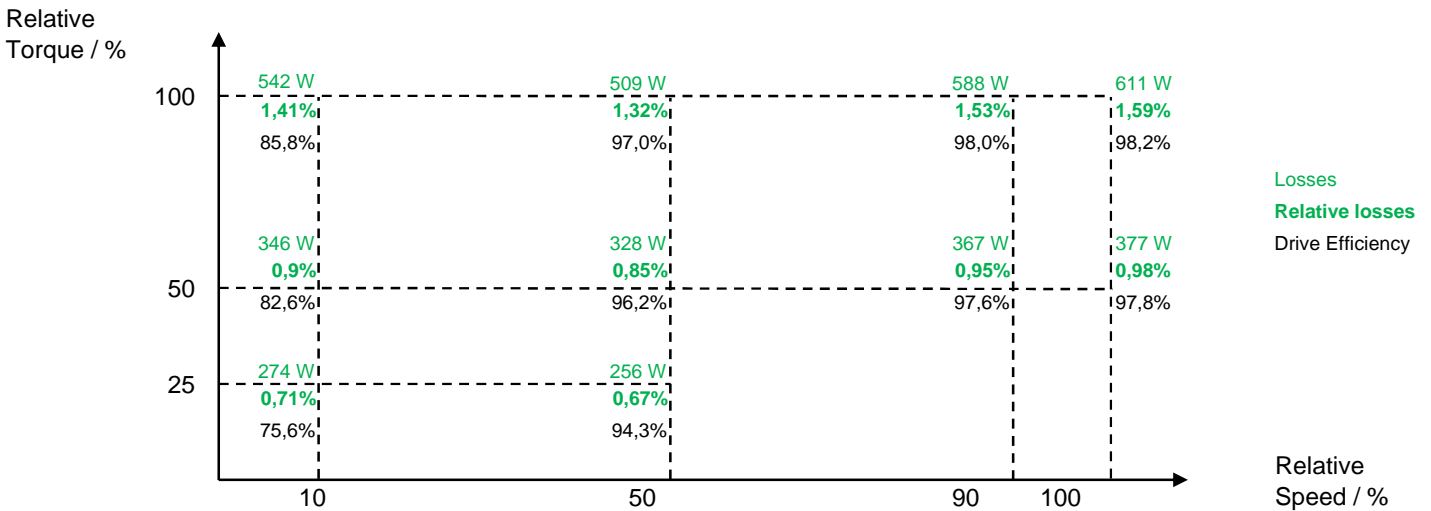
Reference : **ATV650D30N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 22 kW / 30 HP
 Overload : Heavy Duty
 Nominal current : 46,3 A
 Nominal apparent power : 38,5 kVA
 Nominal frequency : 50 Hz

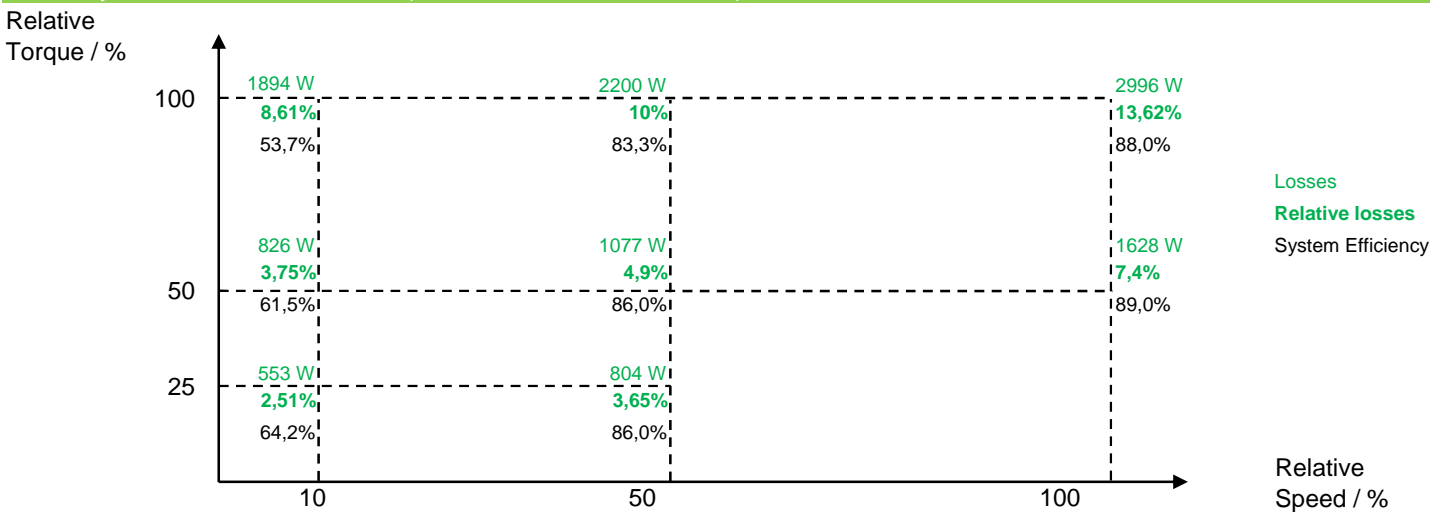


Efficiency data for the Drive

Standby losses : 33 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

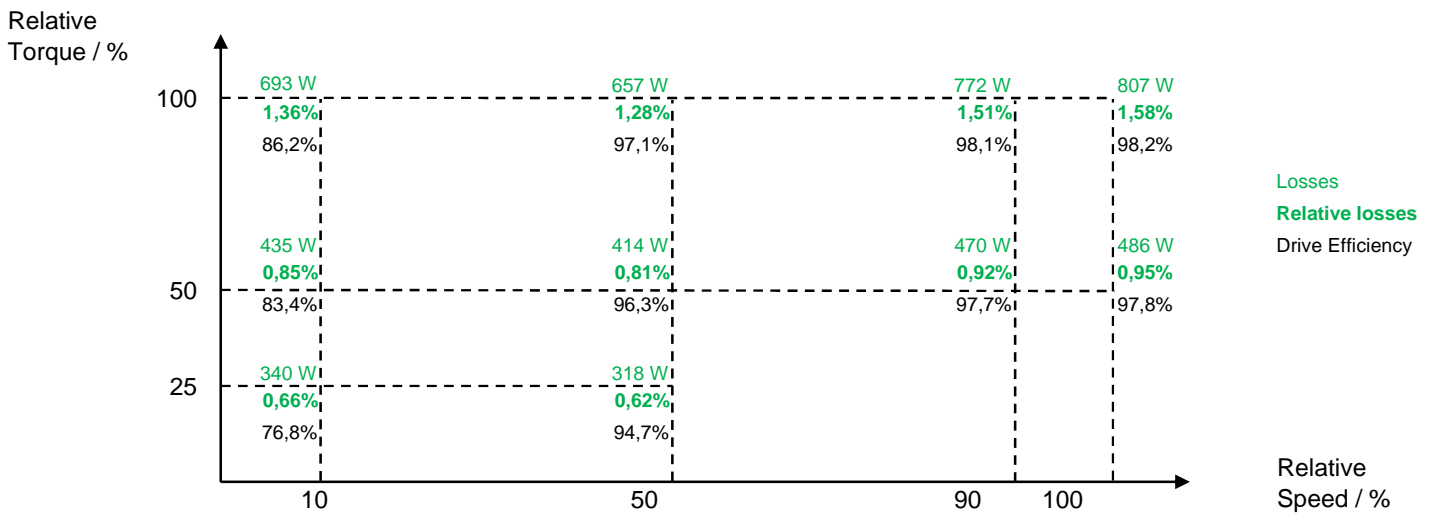
Reference : **ATV650D37N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 30 kW / 40 HP
 Overload : Heavy Duty
 Nominal current : 61,5 A
 Nominal apparent power : 51,1 kVA
 Nominal frequency : 50 Hz

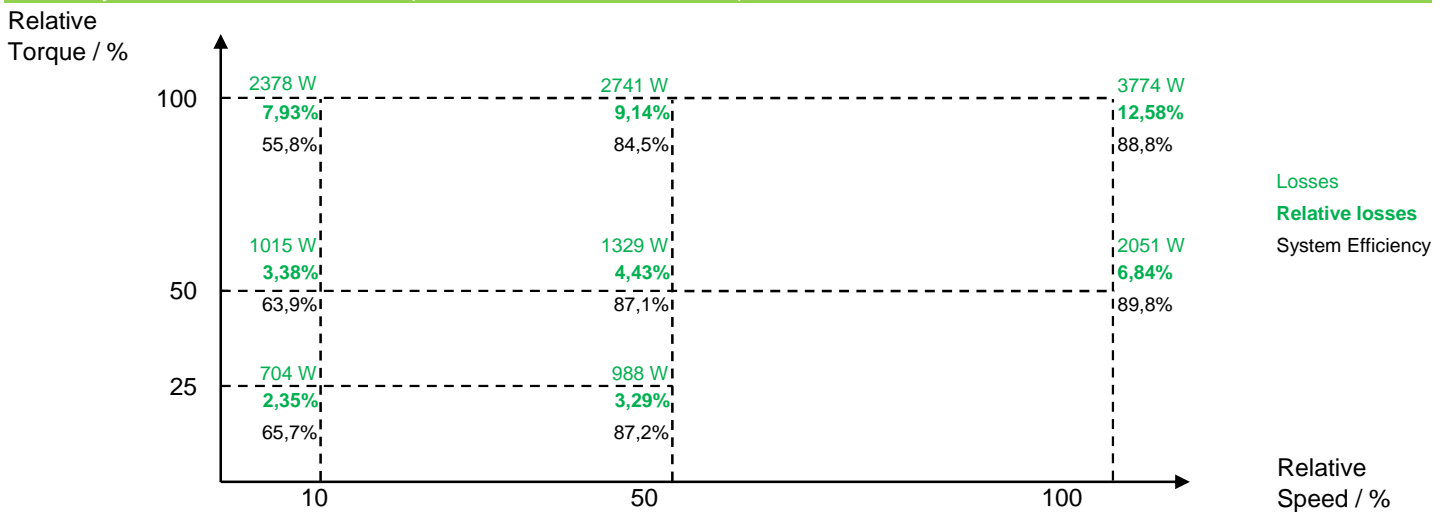


Efficiency data for the Drive

Standby losses : 33 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

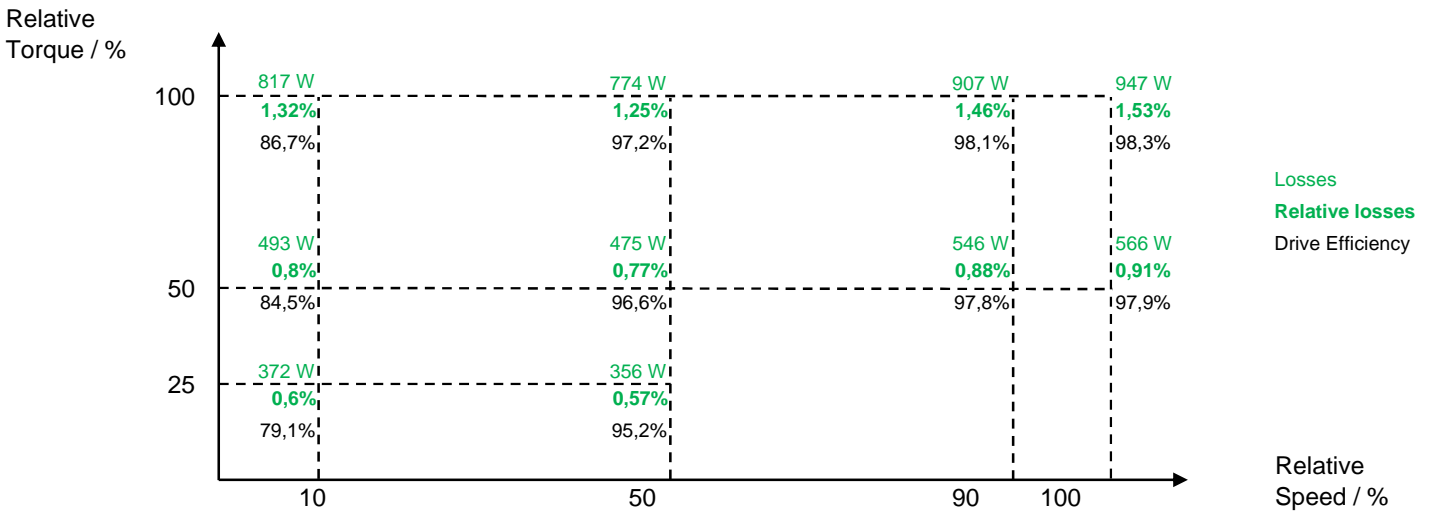
Reference : **ATV650D45N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 37 kW / 50 HP
 Overload : Heavy Duty
 Nominal current : 74,5 A
 Nominal apparent power : 61,9 kVA
 Nominal frequency : 50 Hz

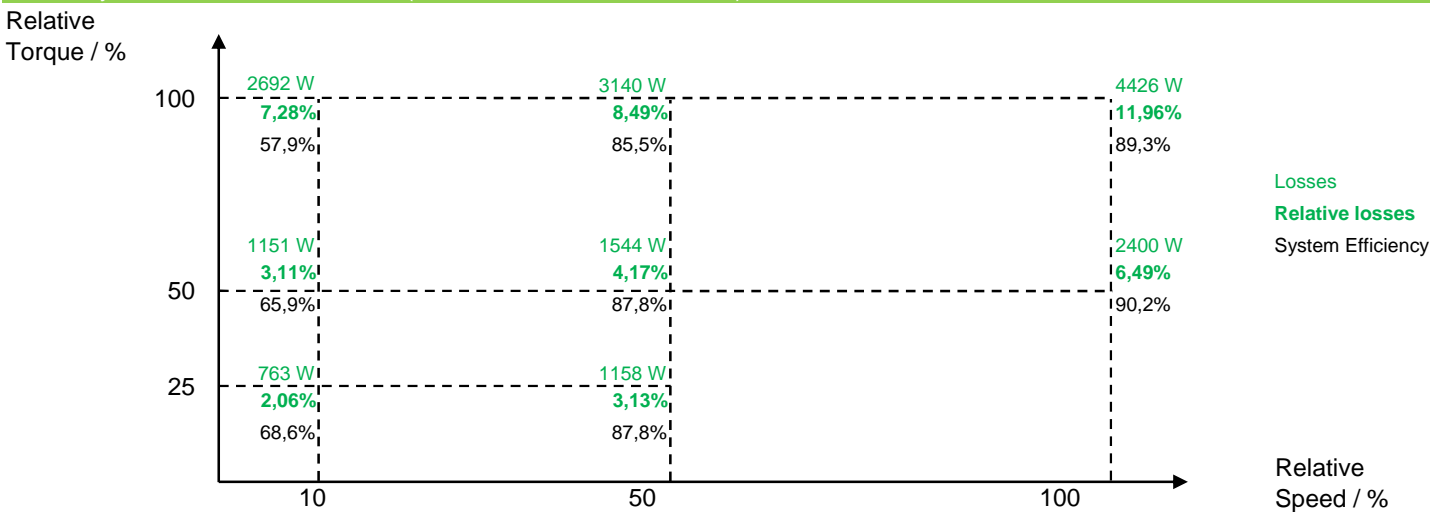


Efficiency data for the Drive

Standby losses : 33 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV650D55N4(E)**

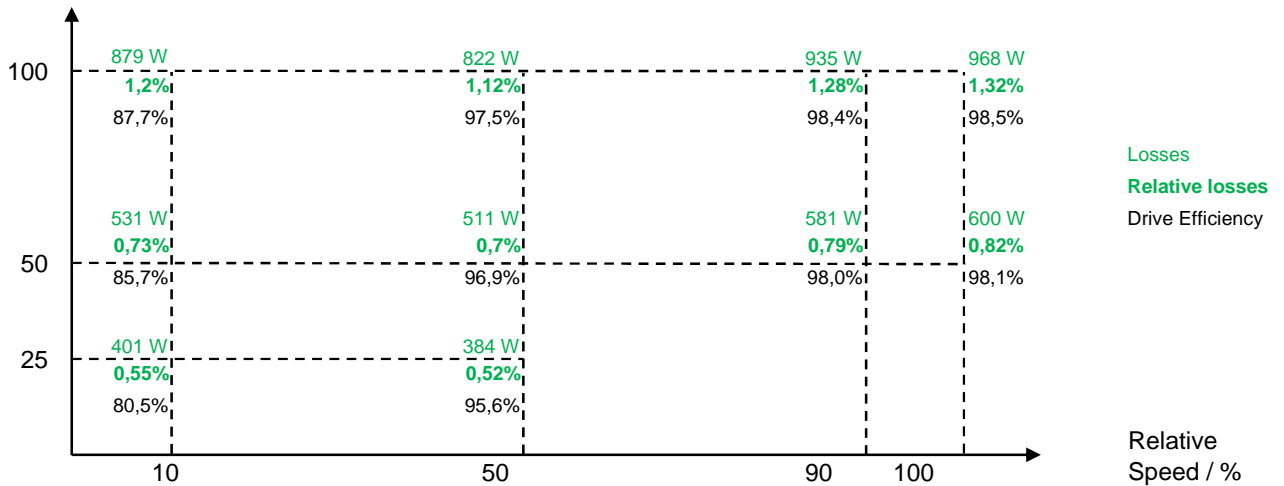


Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 45 kW / 60 HP
 Overload : Heavy Duty
 Nominal current : 88 A
 Nominal apparent power : 73,2 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

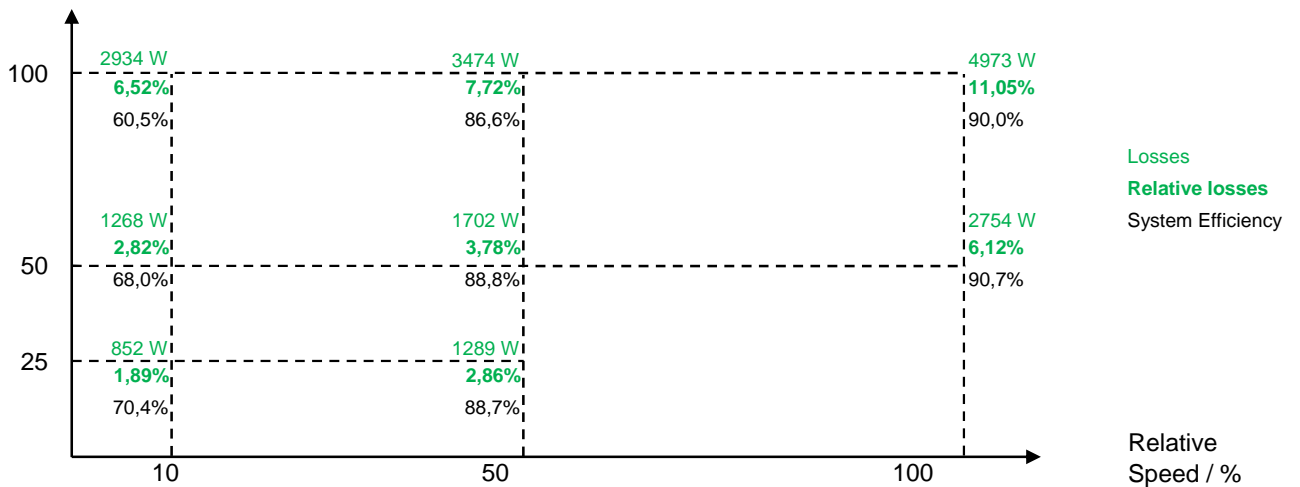
Standby losses : 32 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV650D75N4(E)**

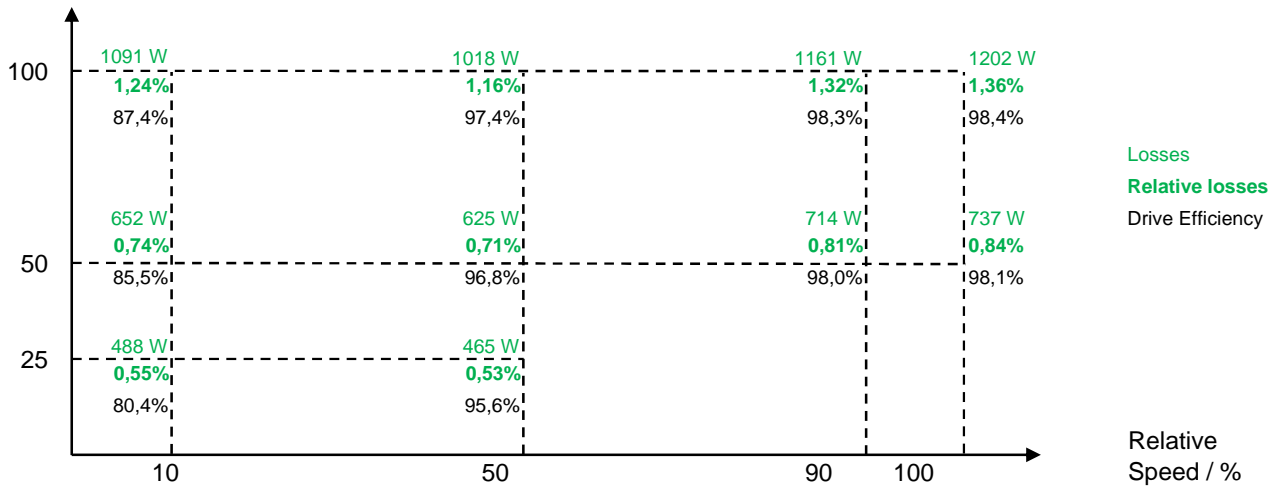
Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 55 kW / 75 HP
 Overload : Heavy Duty
 Nominal current : 106 A
 Nominal apparent power : 88,1 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

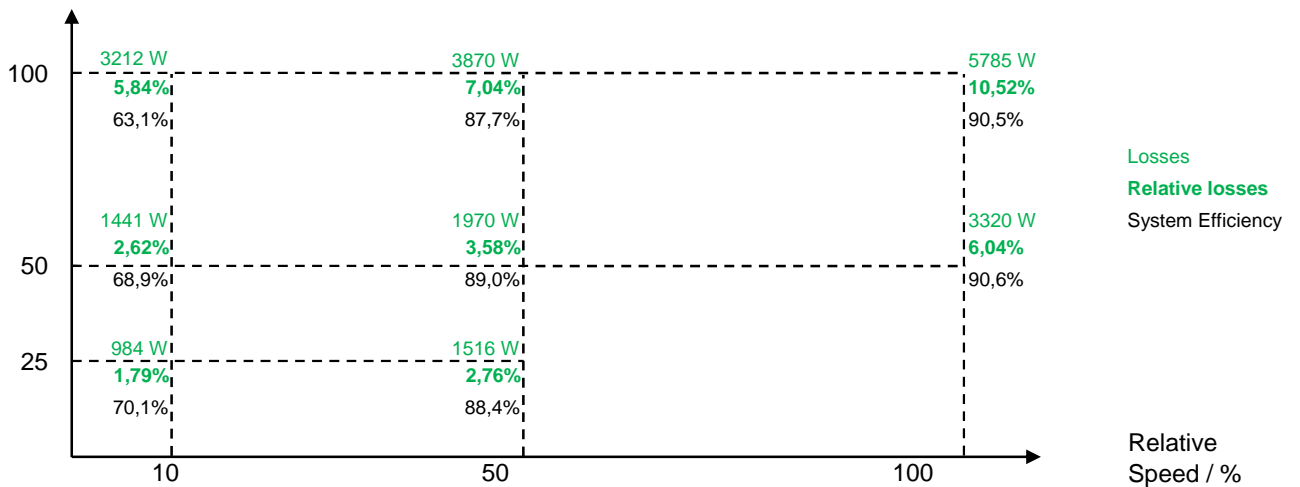
Standby losses : 32 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

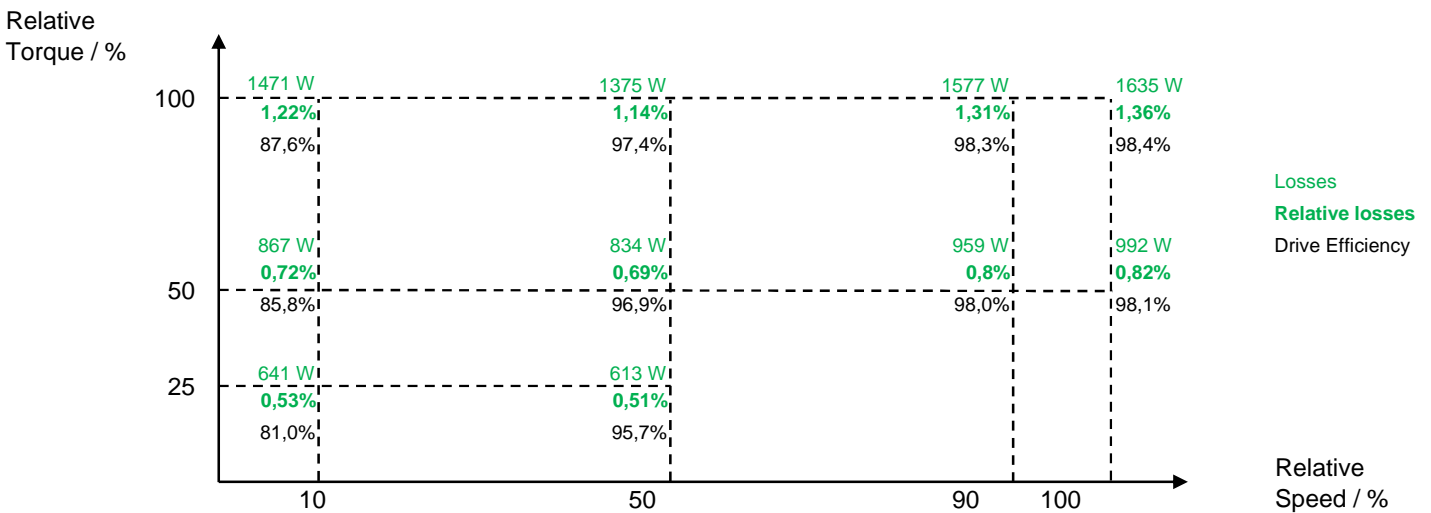
Reference : **ATV650D90N4(E)**

Series : Altivar Process ATV600
 Nominal voltage : 3x 480 VAC
 Nominal power : 75 kW / 100 HP
 Overload : Heavy Duty
 Nominal current : 145 A
 Nominal apparent power : 120,6 kVA
 Nominal frequency : 50 Hz

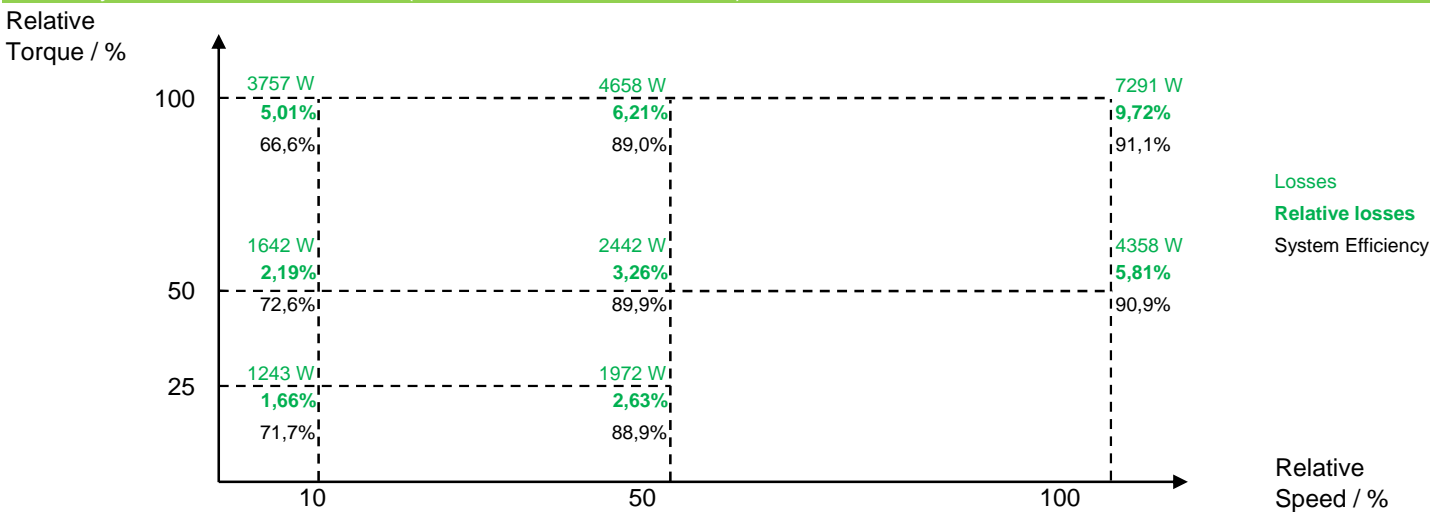


Efficiency data for the Drive

Standby losses : 32 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV650C11N4F**

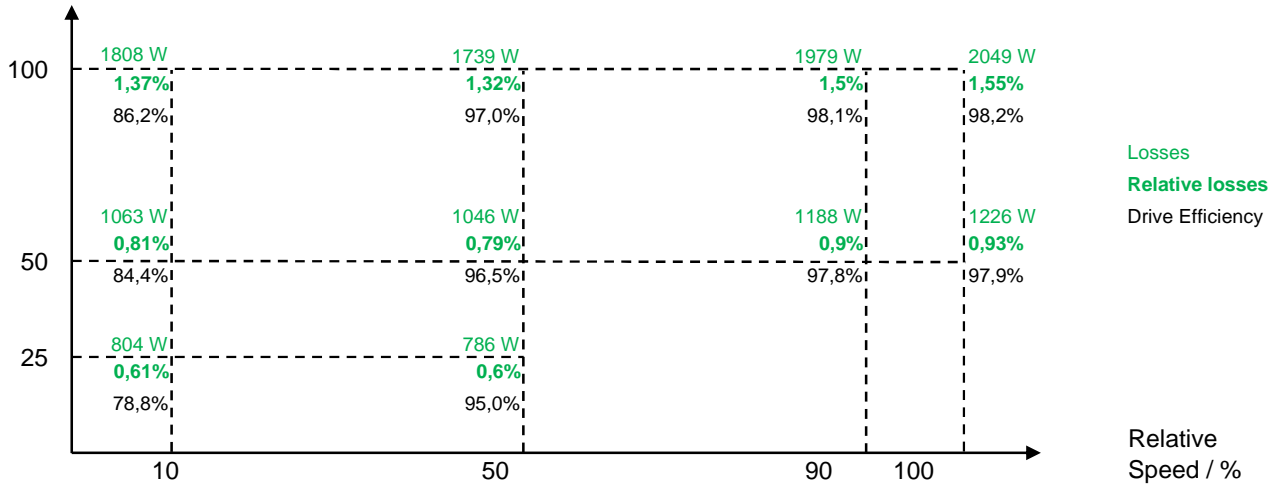


Series : Altivar Process ATV600
 Nominal voltage : 3x 440 VAC
 Nominal power : 90 kW / - HP
 Overload : Heavy Duty
 Nominal current : 173 A
 Nominal apparent power : 131,8 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

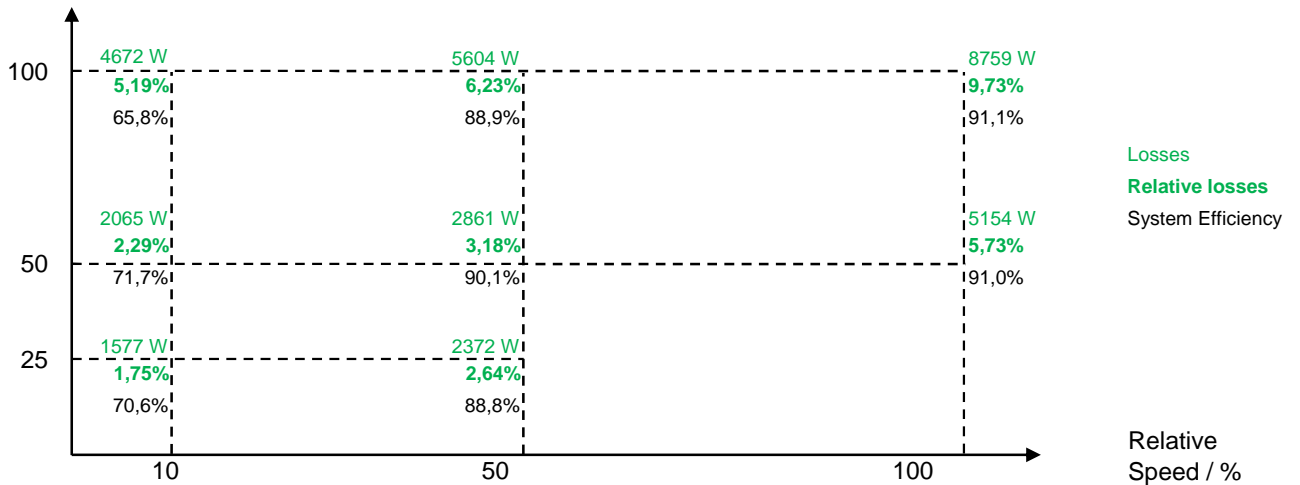
Standby losses : 88 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV650C13N4F**

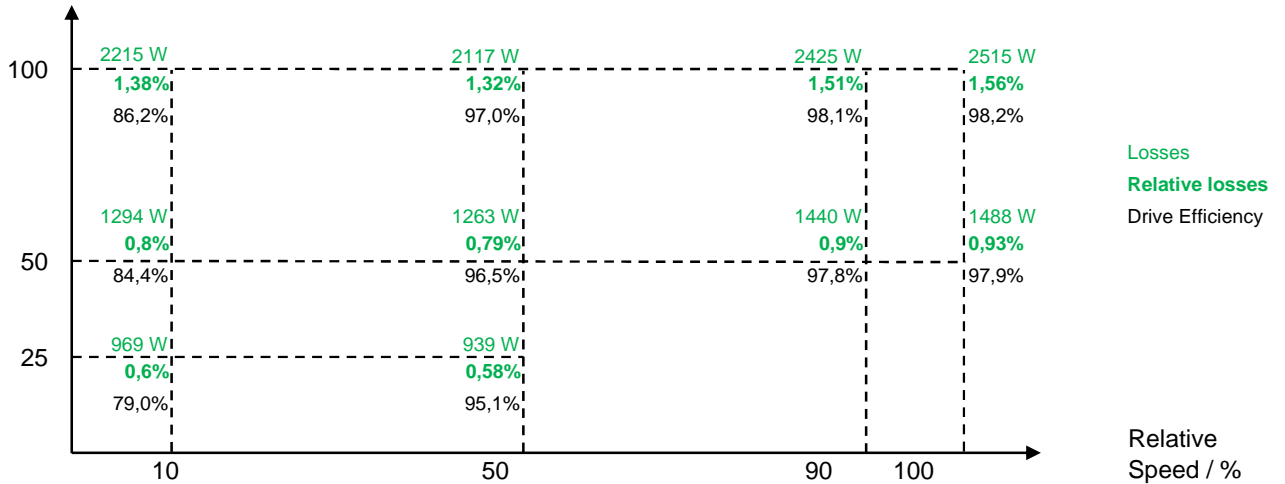


Series : Altivar Process ATV600
 Nominal voltage : 3x 440 VAC
 Nominal power : 110 kW / - HP
 Overload : Heavy Duty
 Nominal current : 211 A
 Nominal apparent power : 160,8 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

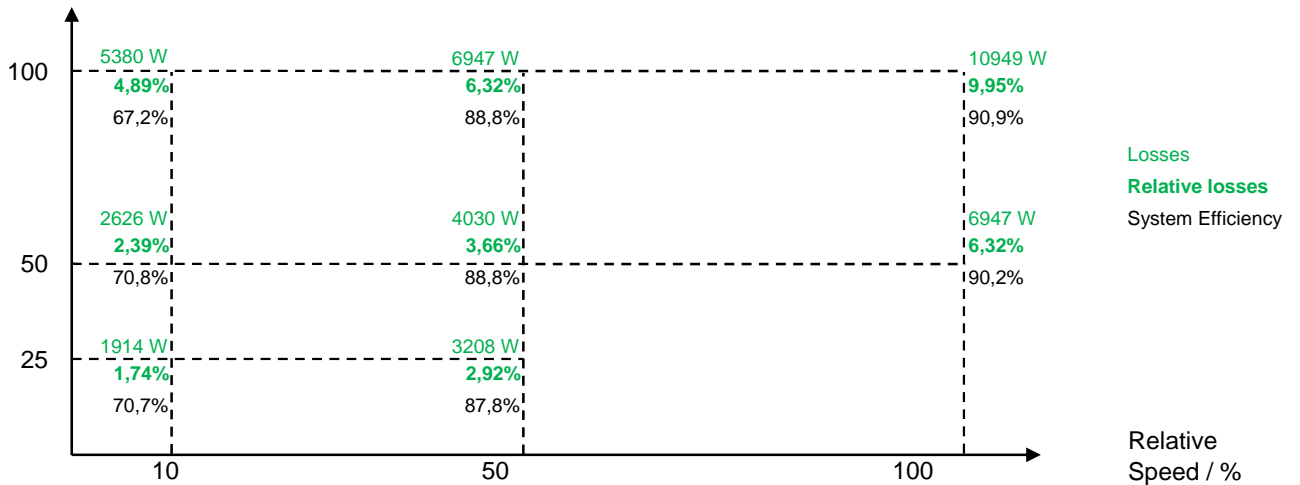
Standby losses : 88 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

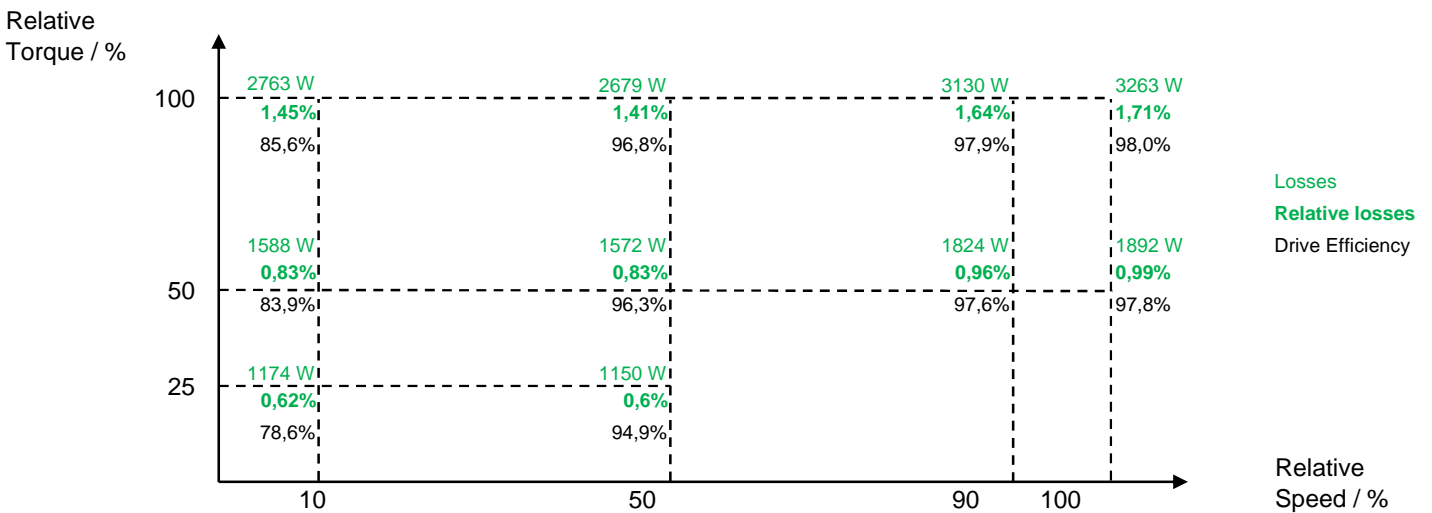
Reference : **ATV650C16N4F**

Series : Altivar Process ATV600
 Nominal voltage : 3x 440 VAC
 Nominal power : 132 kW / - HP
 Overload : Heavy Duty
 Nominal current : 250 A
 Nominal apparent power : 190,5 kVA
 Nominal frequency : 50 Hz

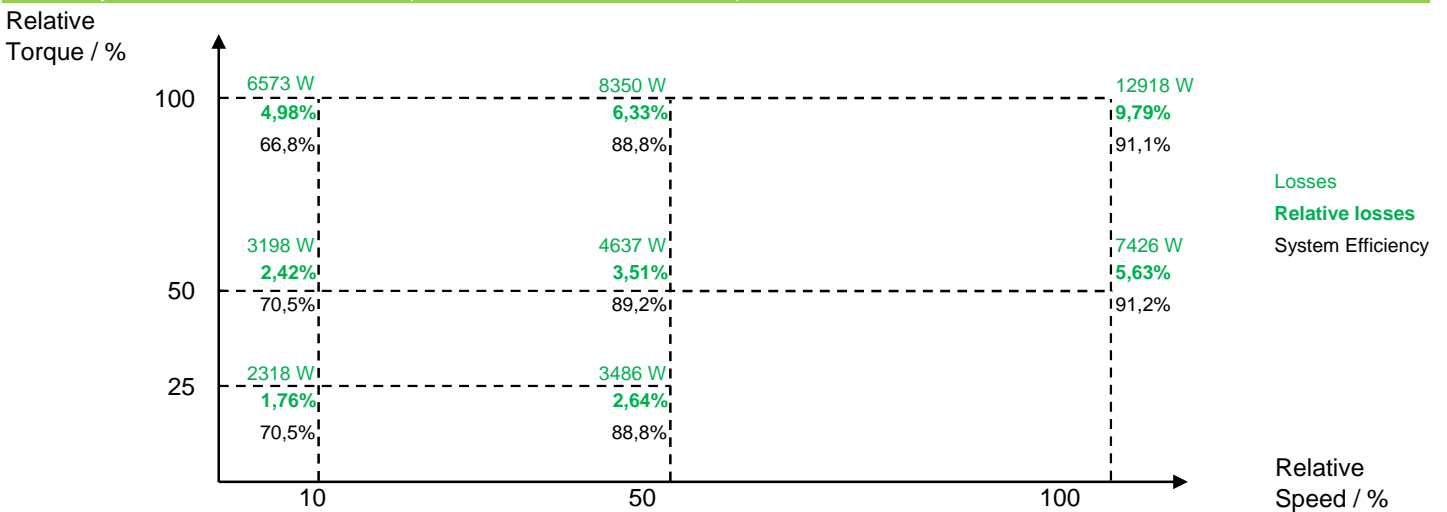


Efficiency data for the Drive

Standby losses : 87 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

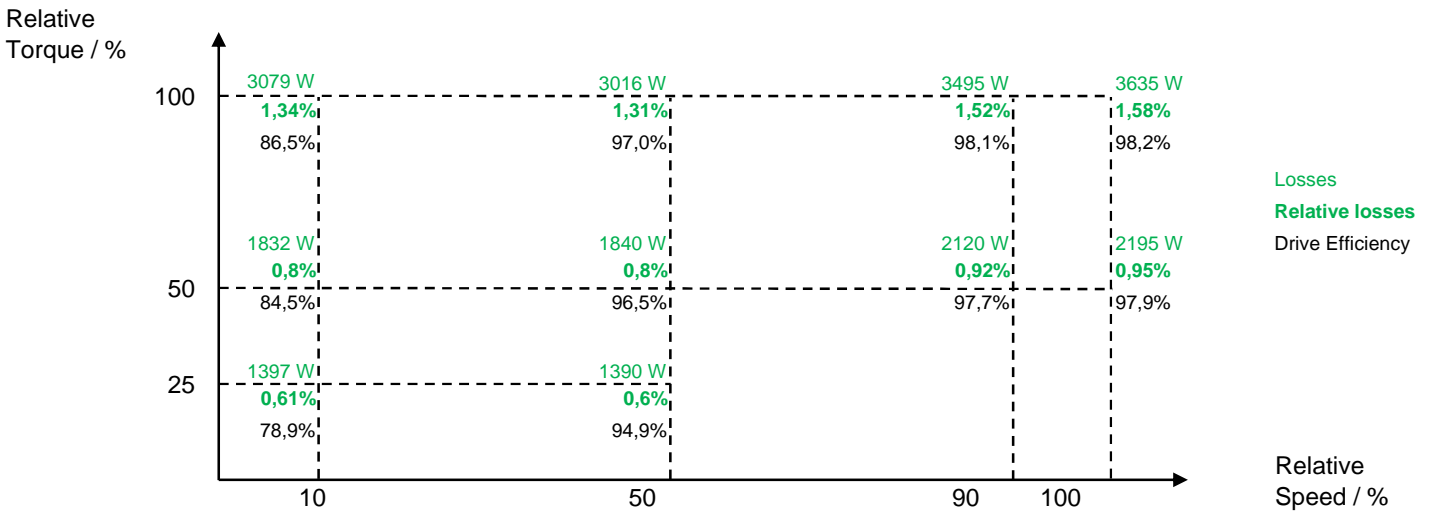
Reference : **ATV650C20N4F**

Series : Altivar Process ATV600
 Nominal voltage : 3x 440 VAC
 Nominal power : 160 kW / - HP
 Overload : Heavy Duty
 Nominal current : 302 A
 Nominal apparent power : 230,2 kVA
 Nominal frequency : 50 Hz

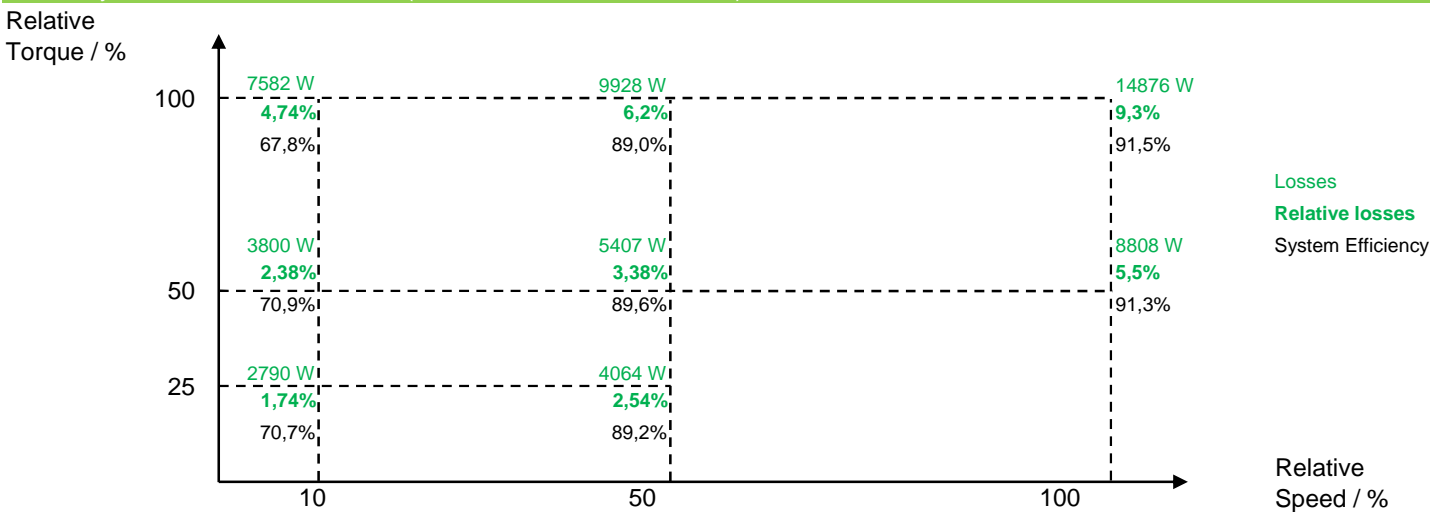


Efficiency data for the Drive

Standby losses : 169 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV650C25N4F**

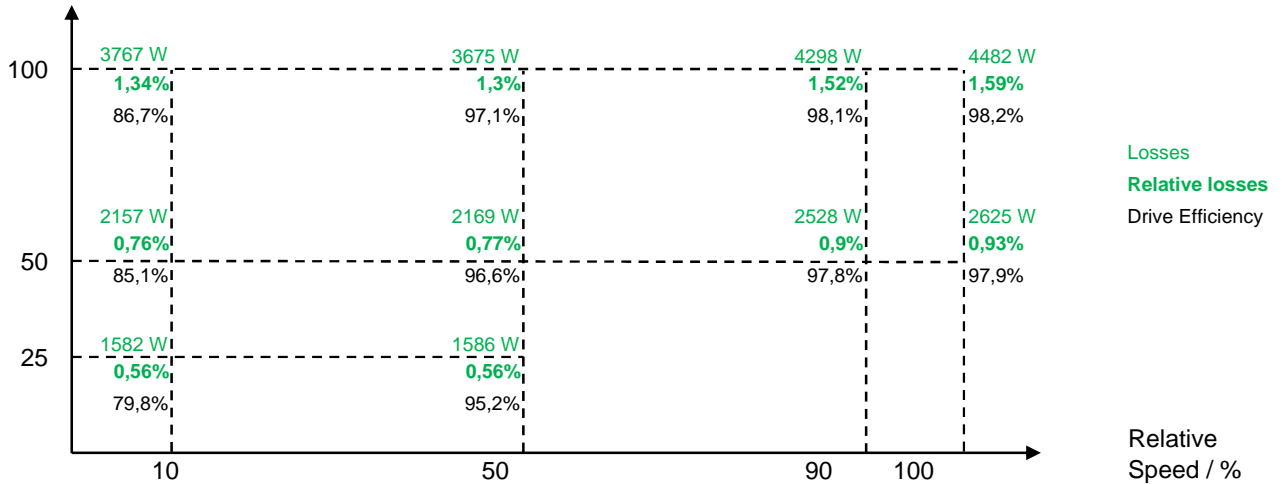


Series : Altivar Process ATV600
 Nominal voltage : 3x 440 VAC
 Nominal power : 200 kW / - HP
 Overload : Heavy Duty
 Nominal current : 370 A
 Nominal apparent power : 282 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

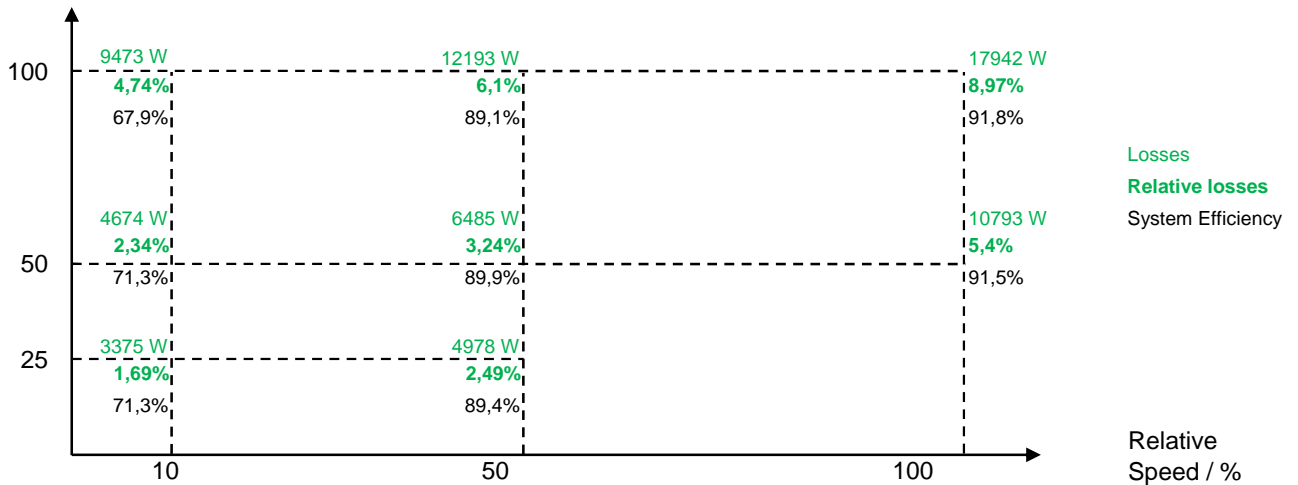
Standby losses : 169 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV650C31N4F**

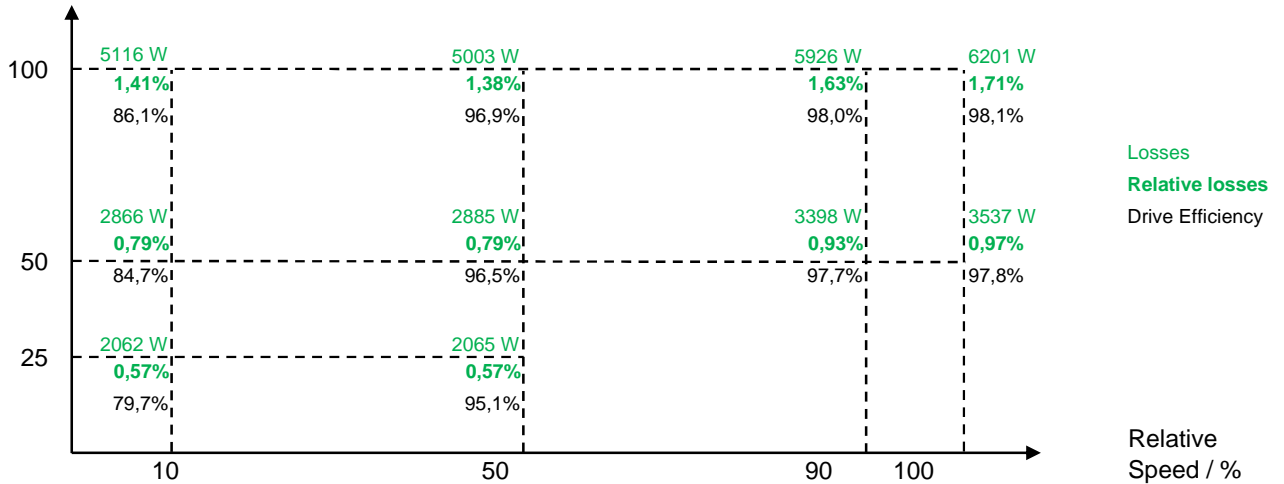


Series : Altivar Process ATV600
 Nominal voltage : 3x 440 VAC
 Nominal power : 250 kW / - HP
 Overload : Heavy Duty
 Nominal current : 477 A
 Nominal apparent power : 363,5 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

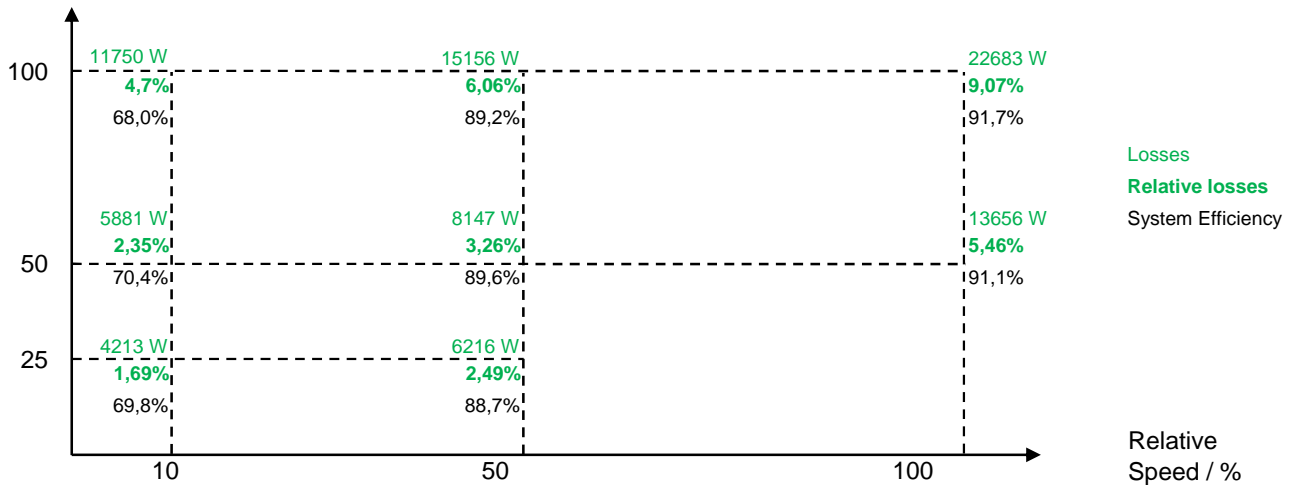
Standby losses : 169 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

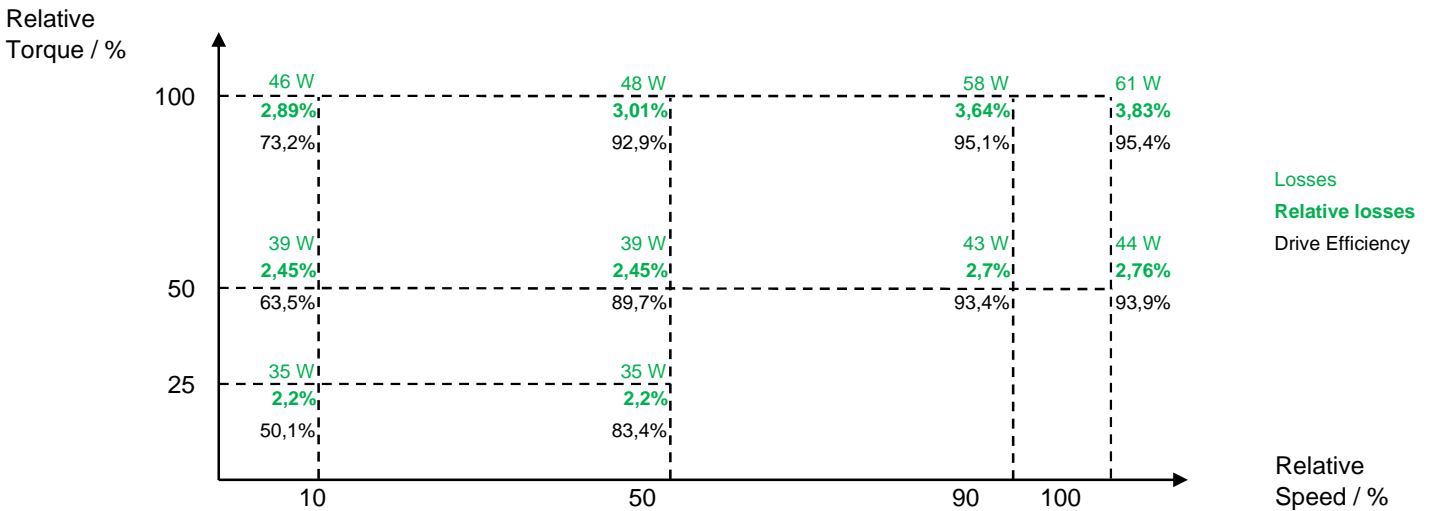
Reference : **ATV630U07M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 200 VAC
 Nominal power : 0,75 kW / 1 HP
 Overload : Normal Duty
 Nominal current : 4,6 A
 Nominal apparent power : 1,6 kVA
 Nominal frequency : 50 Hz

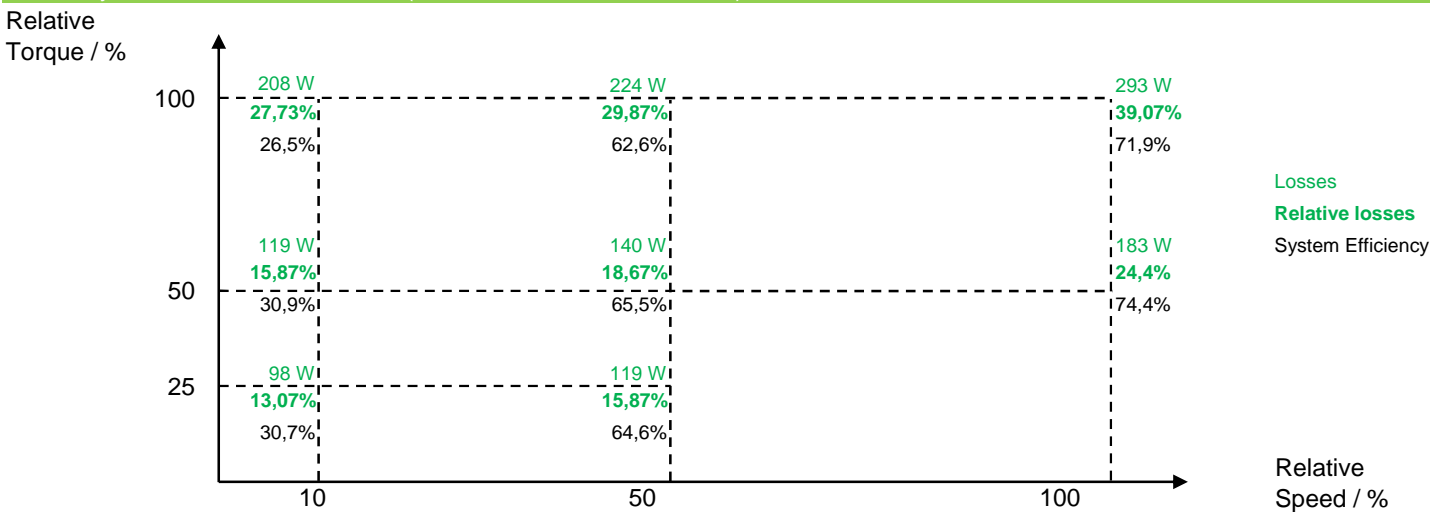


Efficiency data for the Drive

Standby losses : 13 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

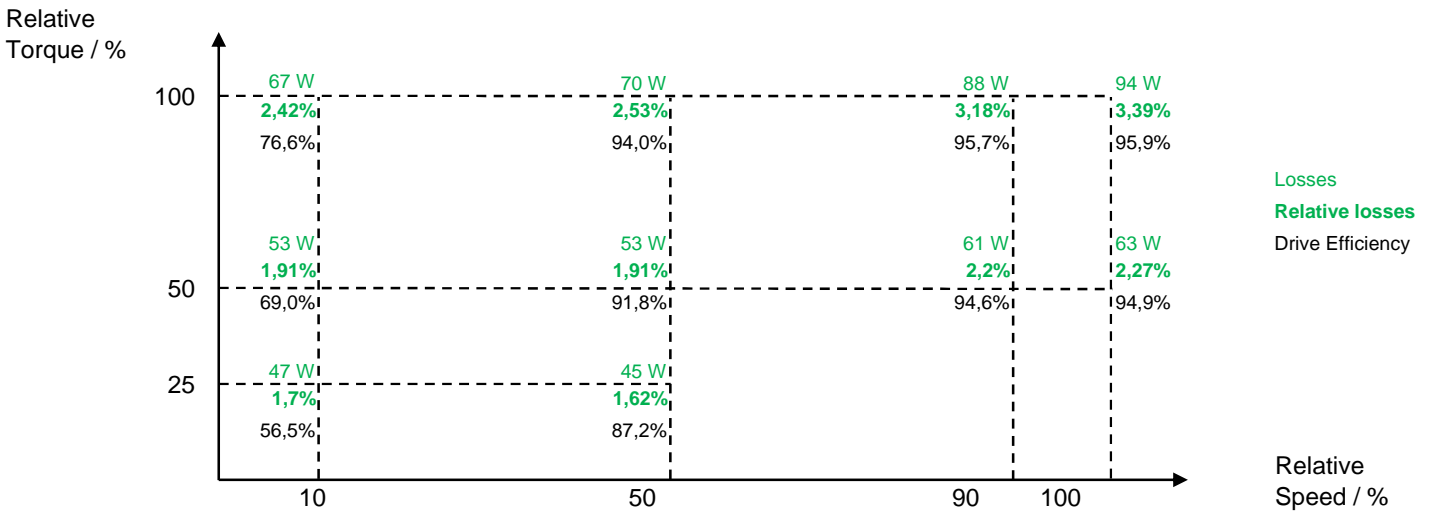
Reference : **ATV630U15M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 200 VAC
 Nominal power : 1,5 kW / 2 HP
 Overload : Normal Duty
 Nominal current : 8 A
 Nominal apparent power : 2,8 kVA
 Nominal frequency : 50 Hz

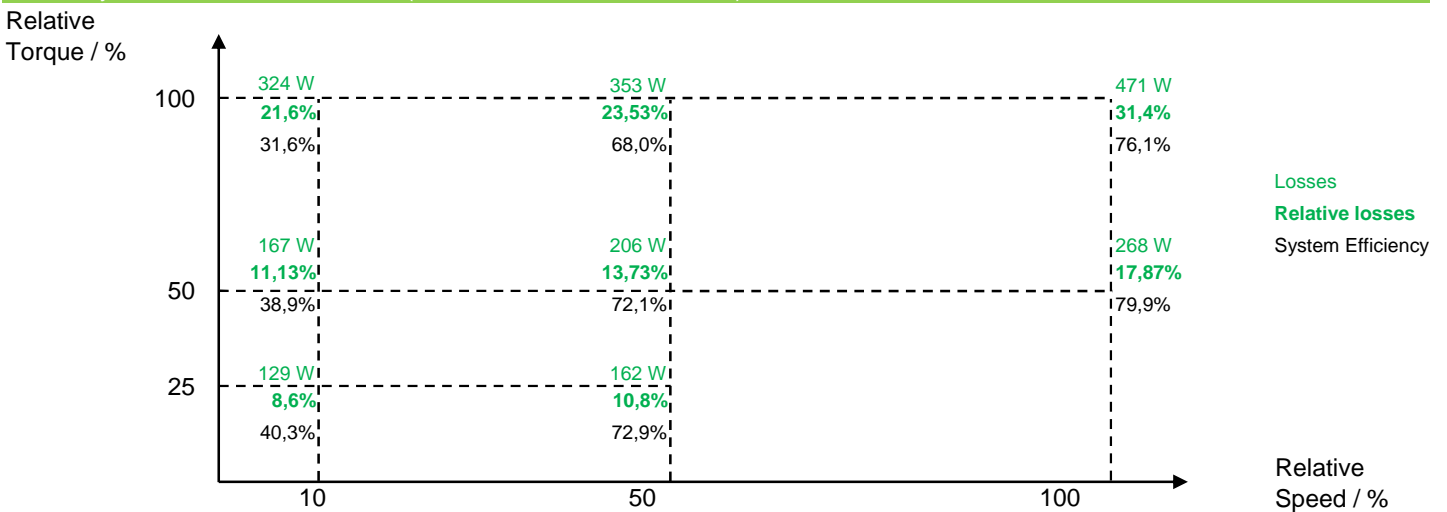


Efficiency data for the Drive

Standby losses : 13 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

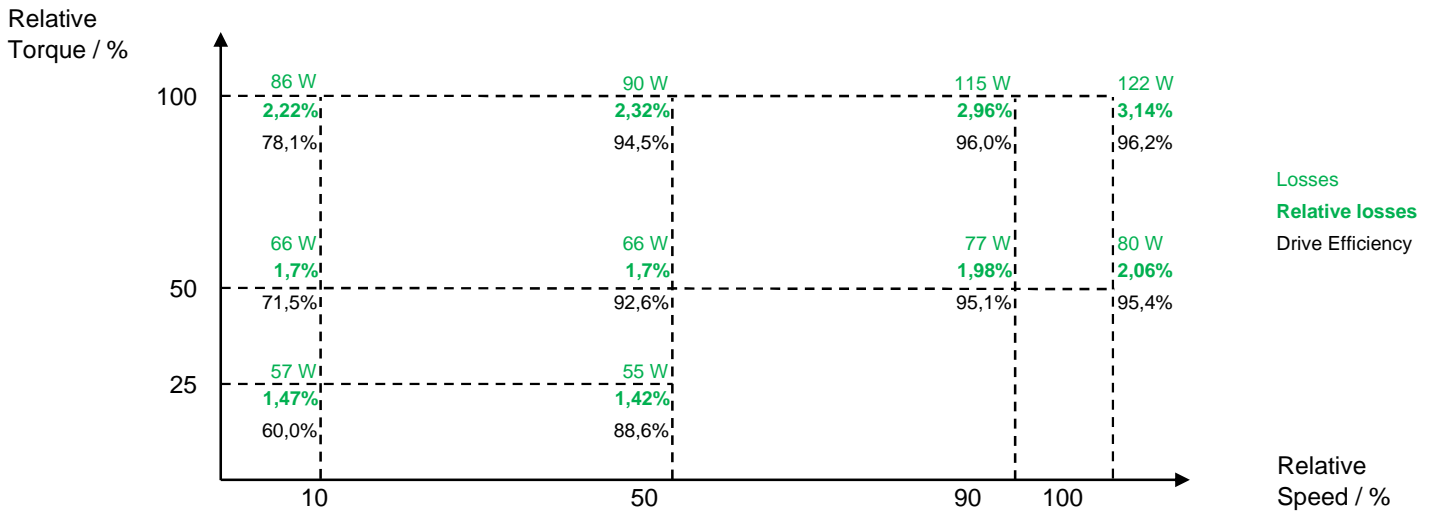
Reference : **ATV630U22M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 200 VAC
 Nominal power : 2,2 kW / 3 HP
 Overload : Normal Duty
 Nominal current : 11,2 A
 Nominal apparent power : 3,9 kVA
 Nominal frequency : 50 Hz

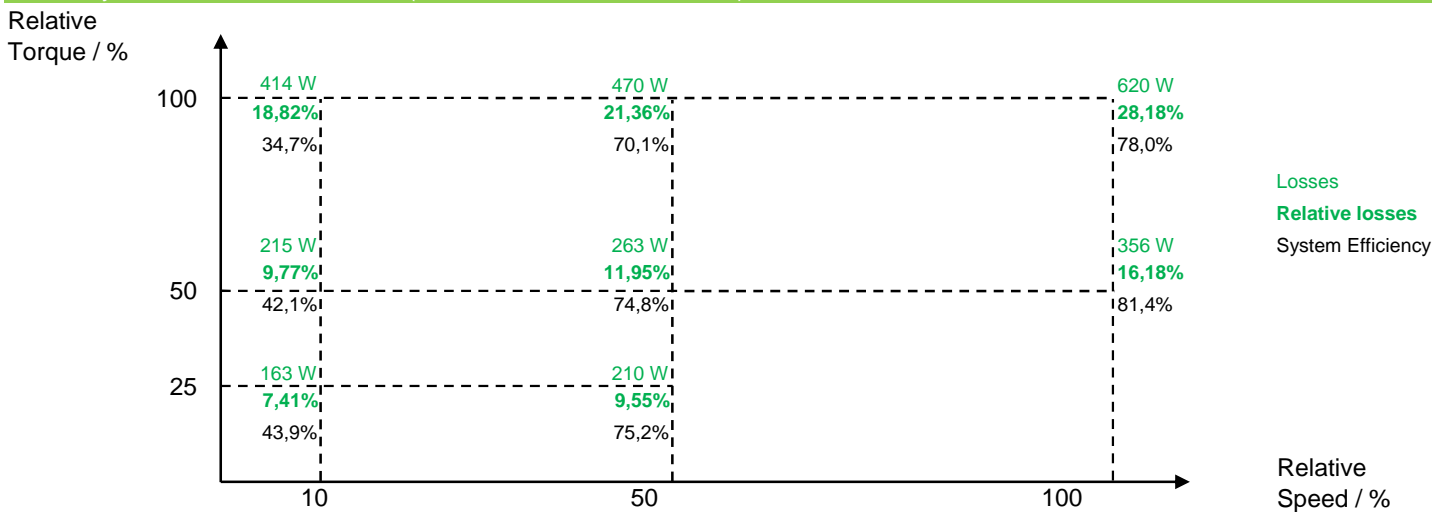


Efficiency data for the Drive

Standby losses : 13 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

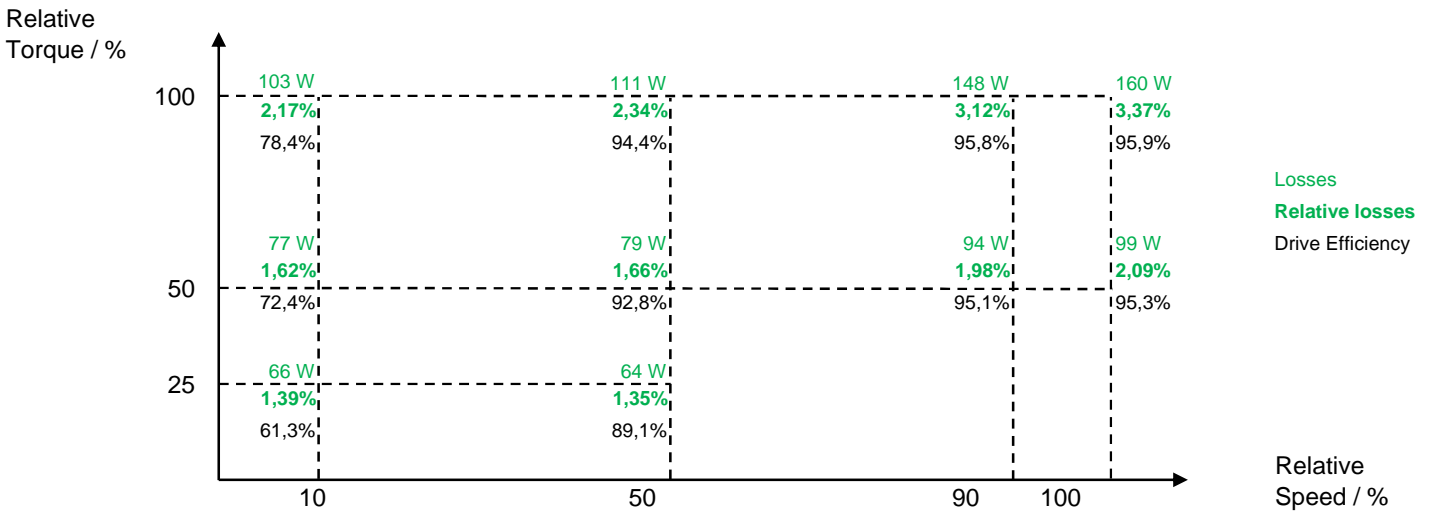
Reference : **ATV630U30M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 200 VAC
 Nominal power : 3 kW / - HP
 Overload : Normal Duty
 Nominal current : 13,7 A
 Nominal apparent power : 4,7 kVA
 Nominal frequency : 50 Hz

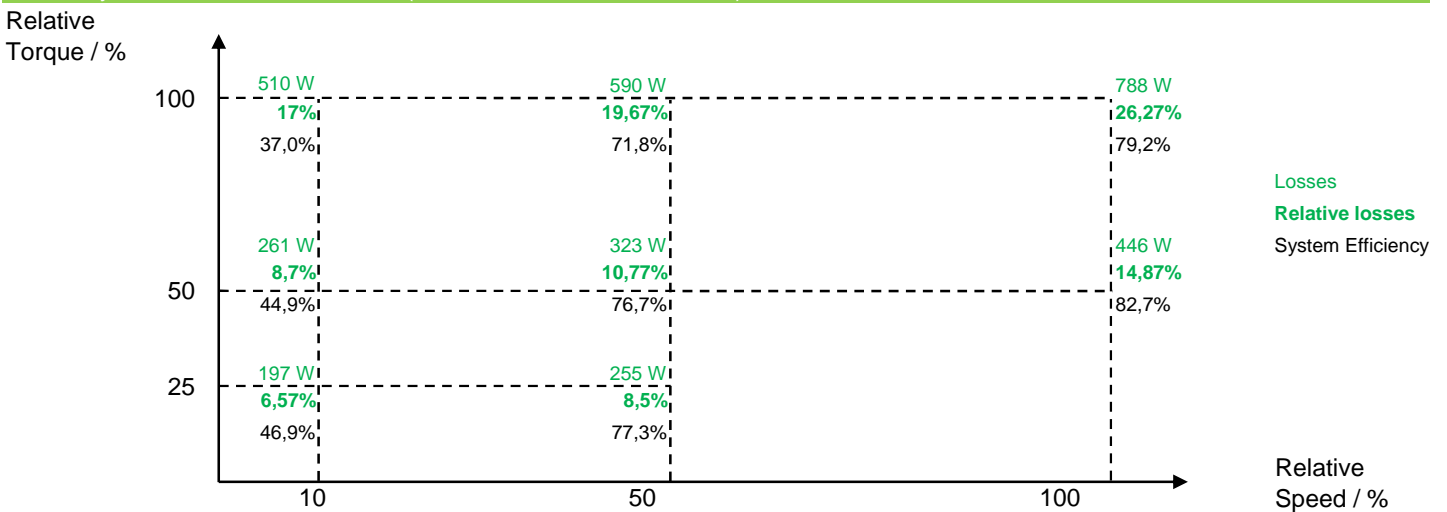


Efficiency data for the Drive

Standby losses : 13 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630U40M3**

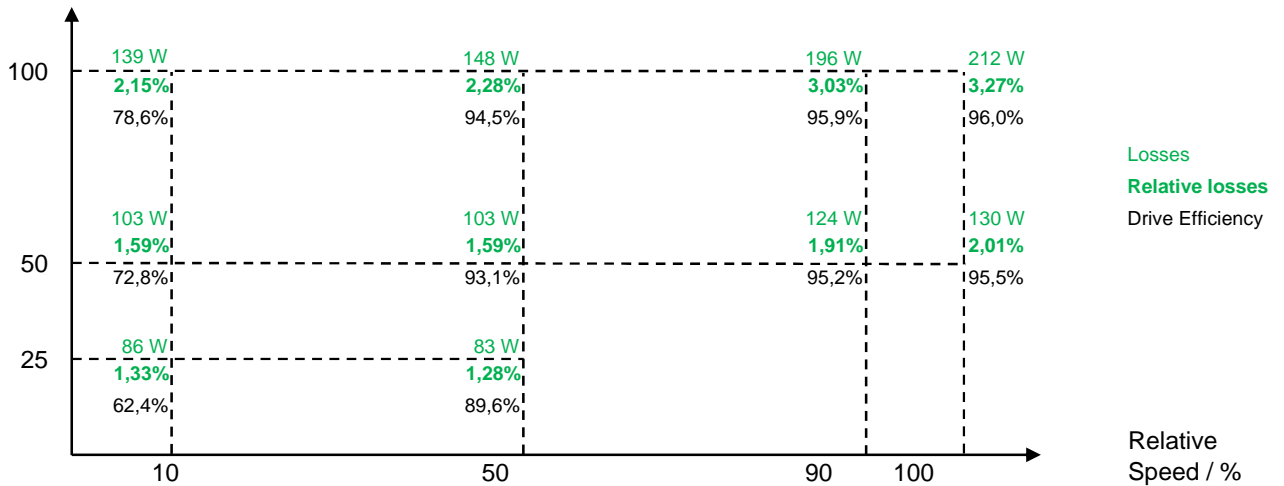
Series : Altivar Process ATV600
 Nominal voltage : 3x 200 VAC
 Nominal power : 4 kW / 5 HP
 Overload : Normal Duty
 Nominal current : 18,7 A
 Nominal apparent power : 6,5 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

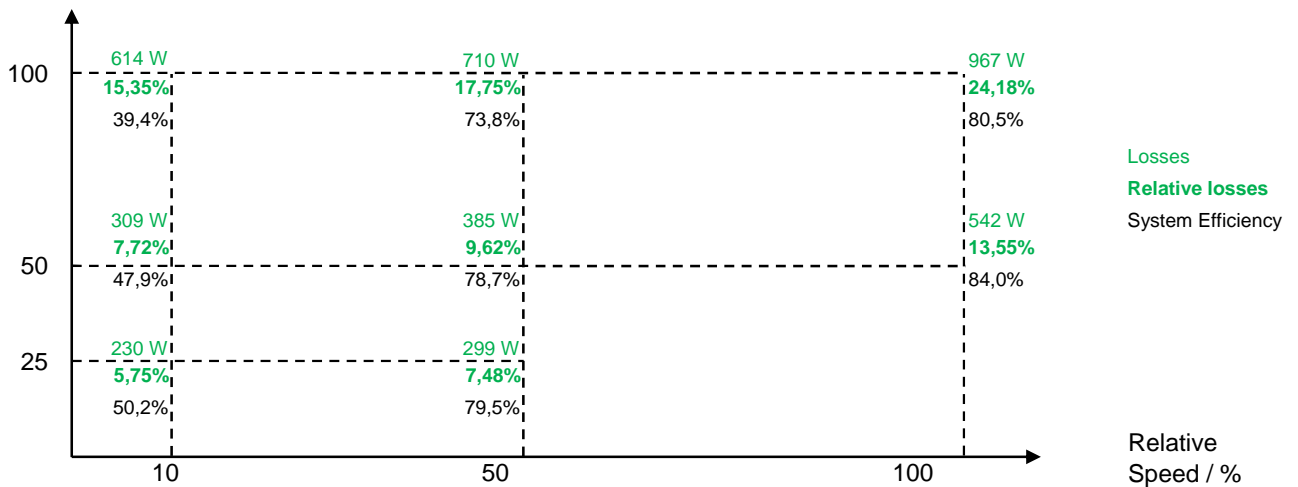
Standby losses : 13 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

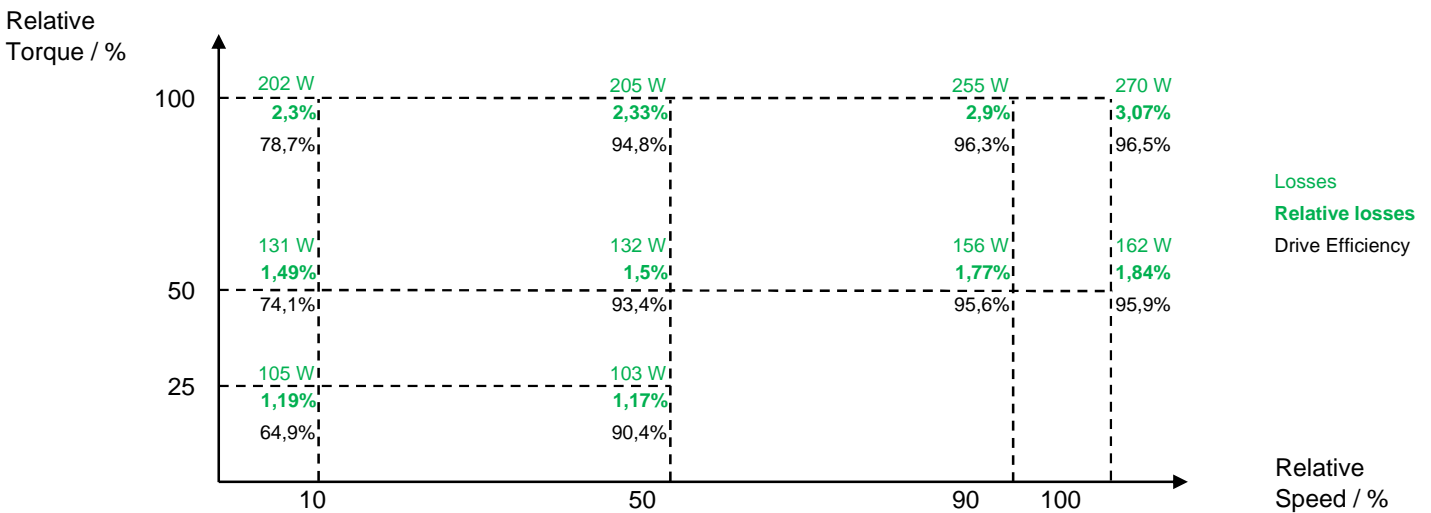
Reference : **ATV630U55M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 200 VAC
 Nominal power : 5,5 kW / 7,5 HP
 Overload : Normal Duty
 Nominal current : 25,4 A
 Nominal apparent power : 8,8 kVA
 Nominal frequency : 50 Hz

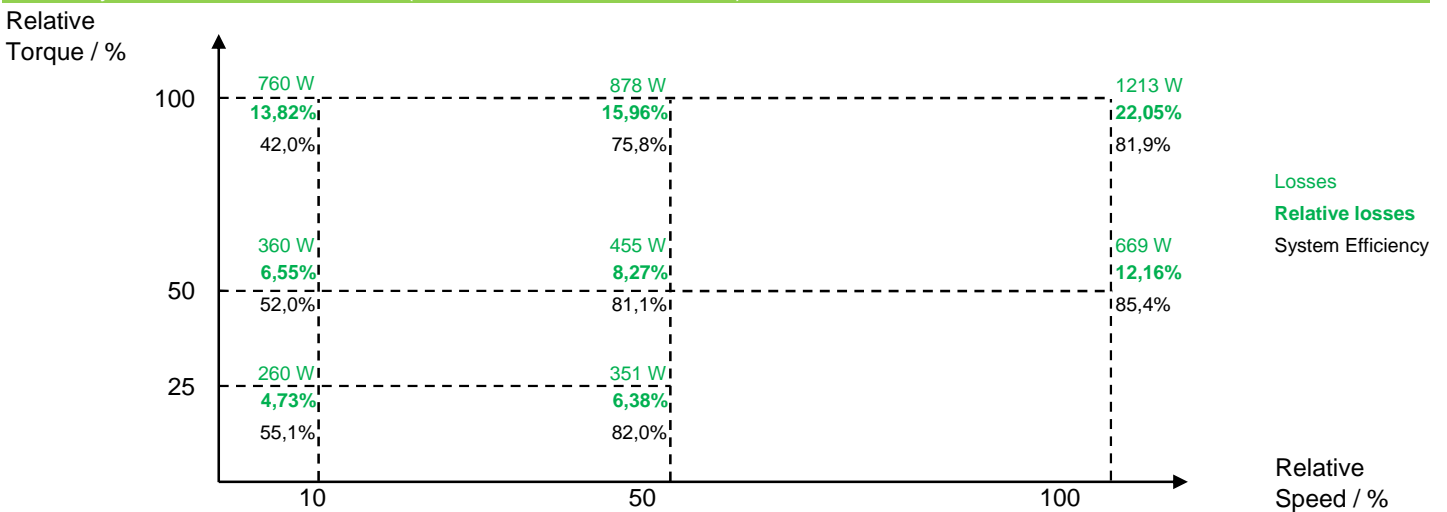


Efficiency data for the Drive

Standby losses : 16 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

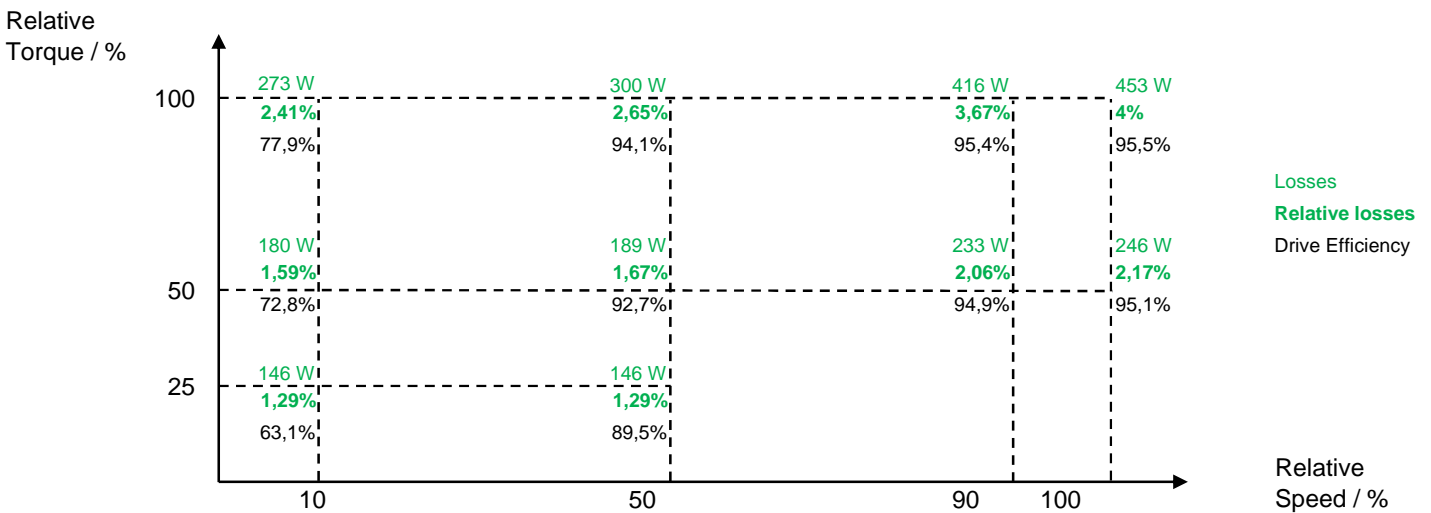
Reference : **ATV630U75M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 200 VAC
 Nominal power : 7,5 kW / 10 HP
 Overload : Normal Duty
 Nominal current : 32,7 A
 Nominal apparent power : 11,3 kVA
 Nominal frequency : 50 Hz

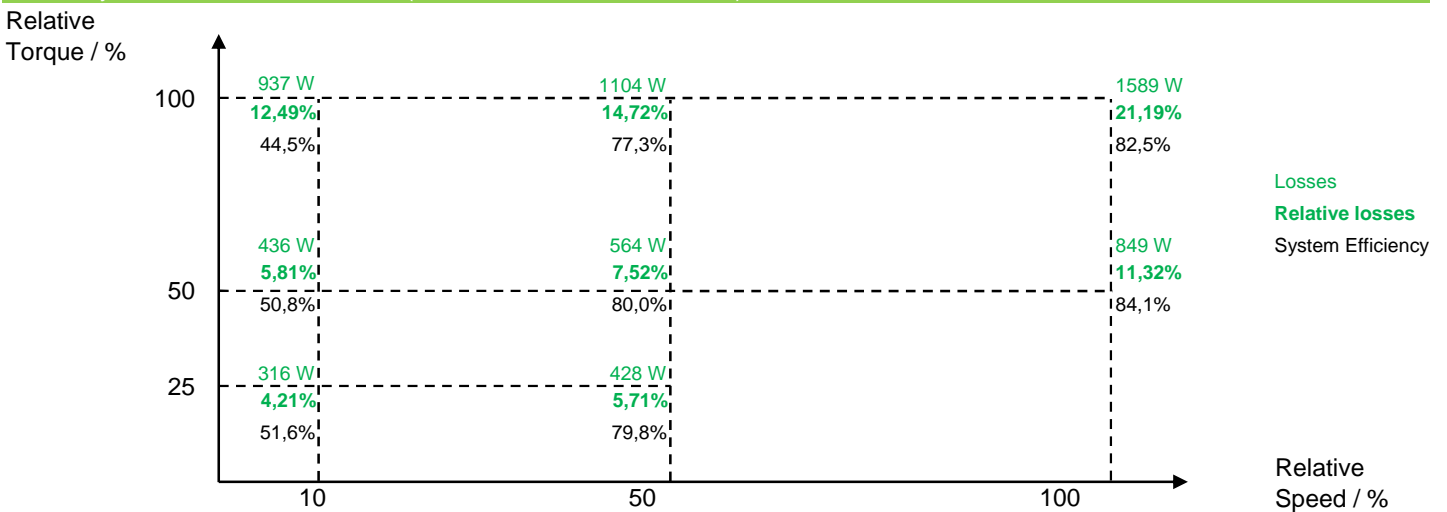


Efficiency data for the Drive

Standby losses : 22 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

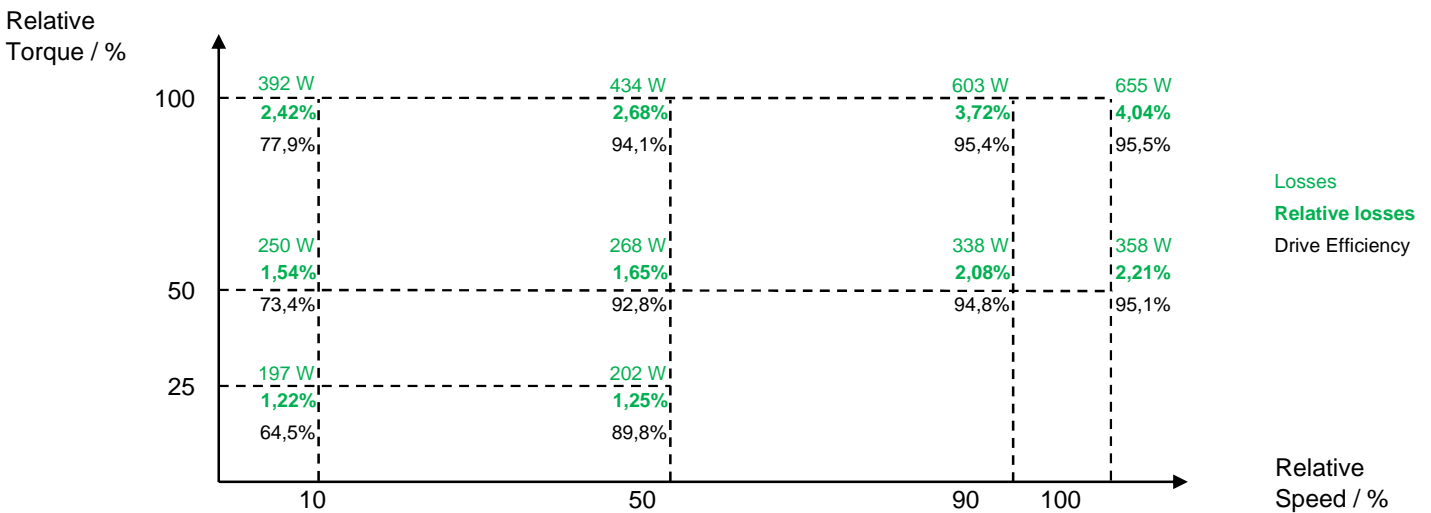
Reference : **ATV630D11M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 200 VAC
 Nominal power : 11 kW / 15 HP
 Overload : Normal Duty
 Nominal current : 46,8 A
 Nominal apparent power : 16,2 kVA
 Nominal frequency : 50 Hz

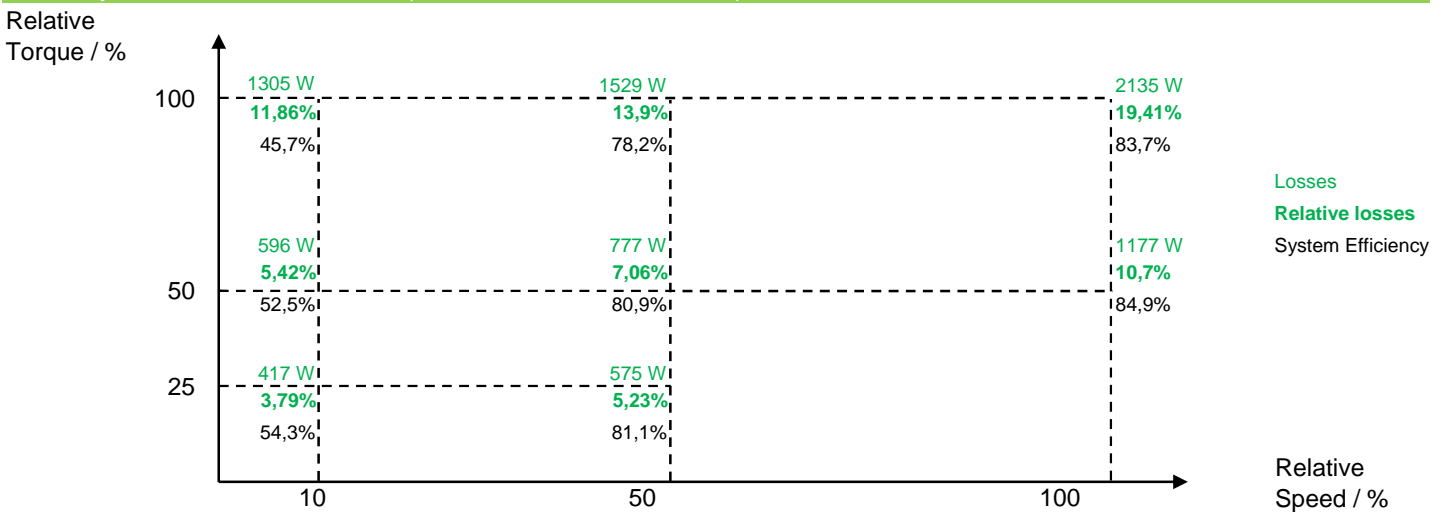


Efficiency data for the Drive

Standby losses : 22 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

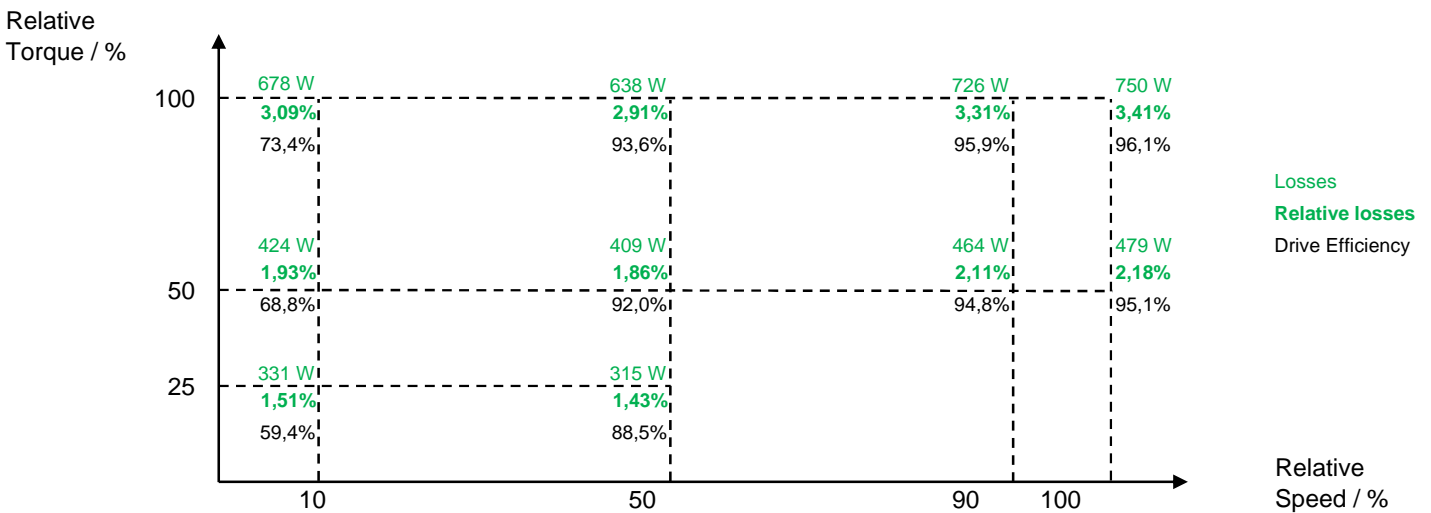
Reference : **ATV630D15M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 200 VAC
 Nominal power : 15 kW / 20 HP
 Overload : Normal Duty
 Nominal current : 63,4 A
 Nominal apparent power : 22 kVA
 Nominal frequency : 50 Hz

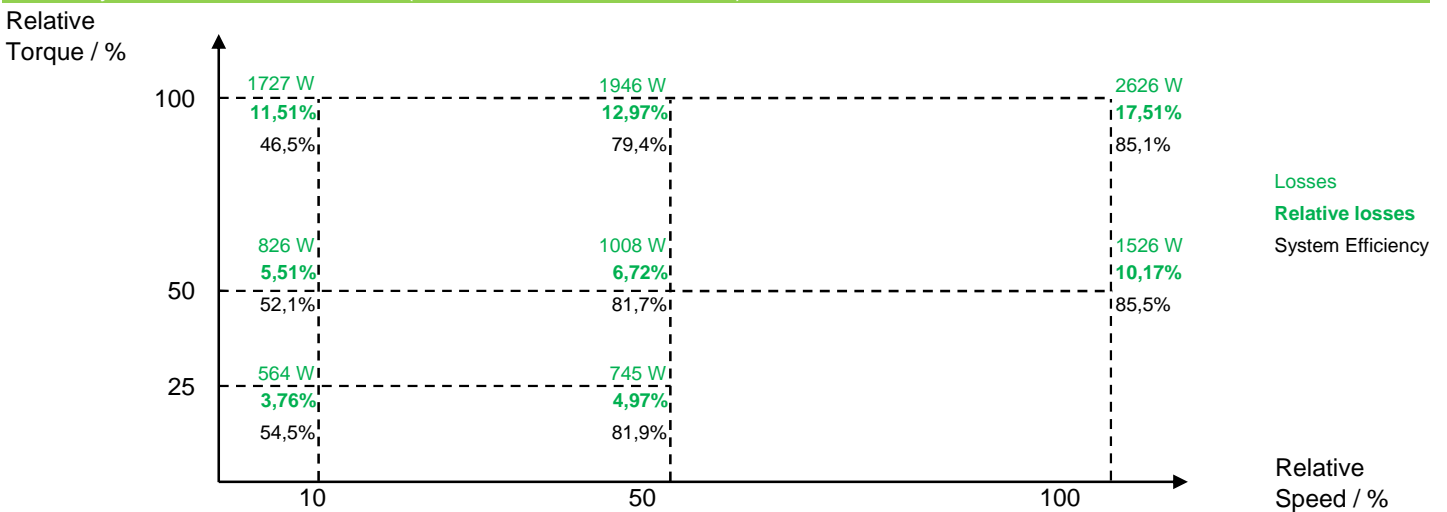


Efficiency data for the Drive

Standby losses : 28 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

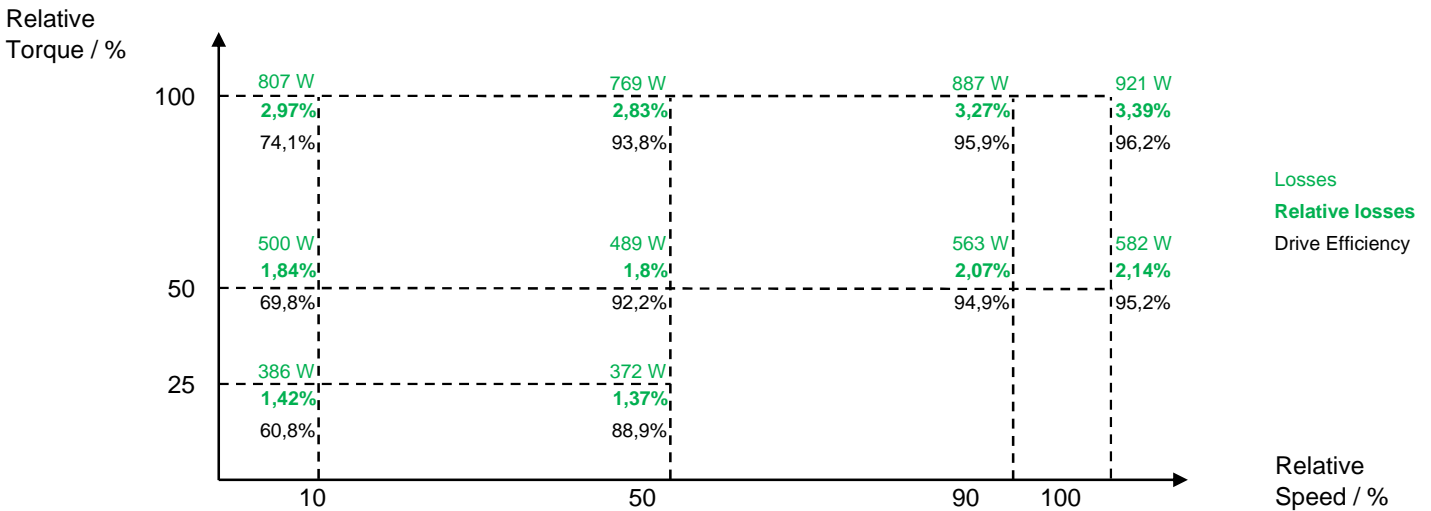
Reference : **ATV630D18M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 200 VAC
 Nominal power : 18,5 kW / 25 HP
 Overload : Normal Duty
 Nominal current : 78,4 A
 Nominal apparent power : 27,2 kVA
 Nominal frequency : 50 Hz

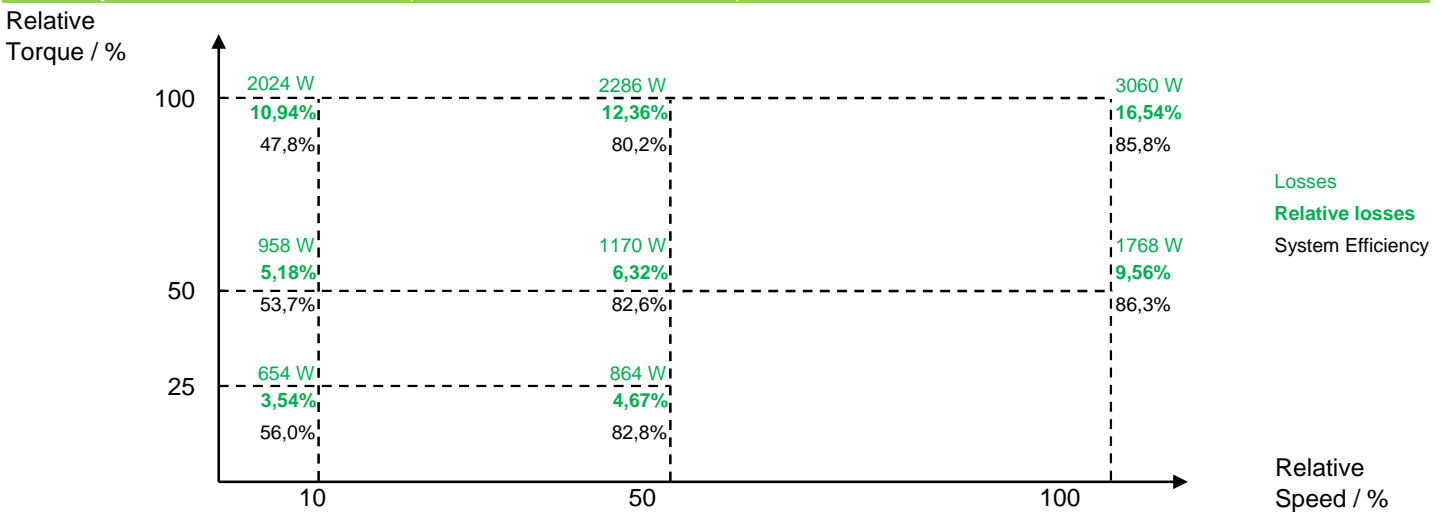


Efficiency data for the Drive

Standby losses : 28 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

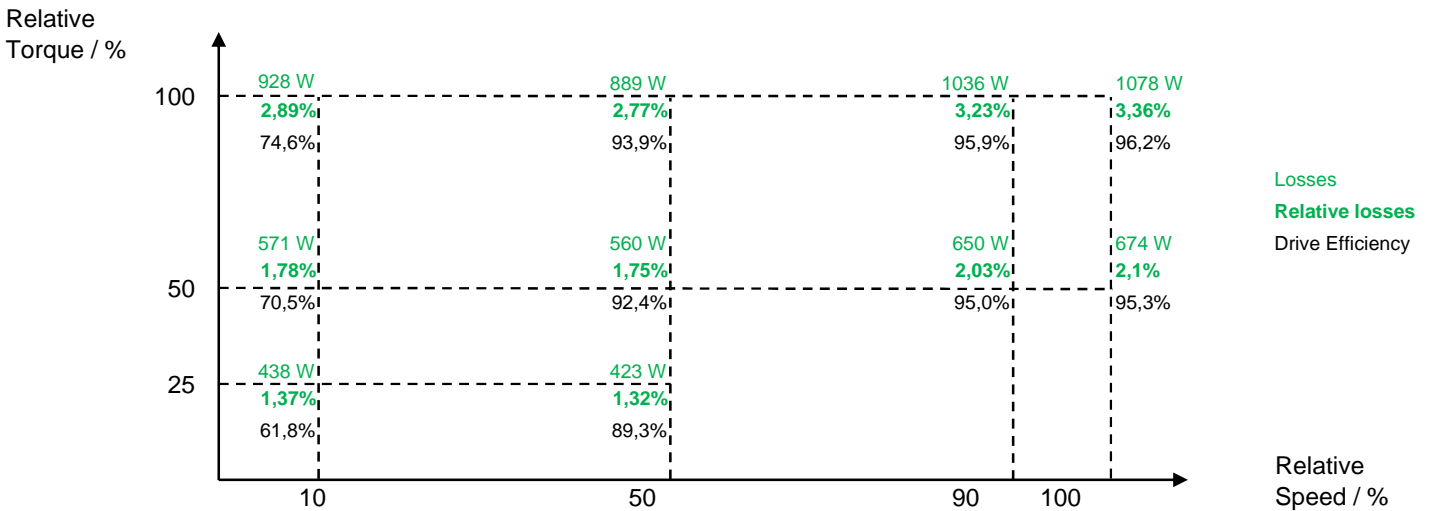
Reference : **ATV630D22M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 200 VAC
 Nominal power : 22 kW / 30 HP
 Overload : Normal Duty
 Nominal current : 92,6 A
 Nominal apparent power : 32,1 kVA
 Nominal frequency : 50 Hz

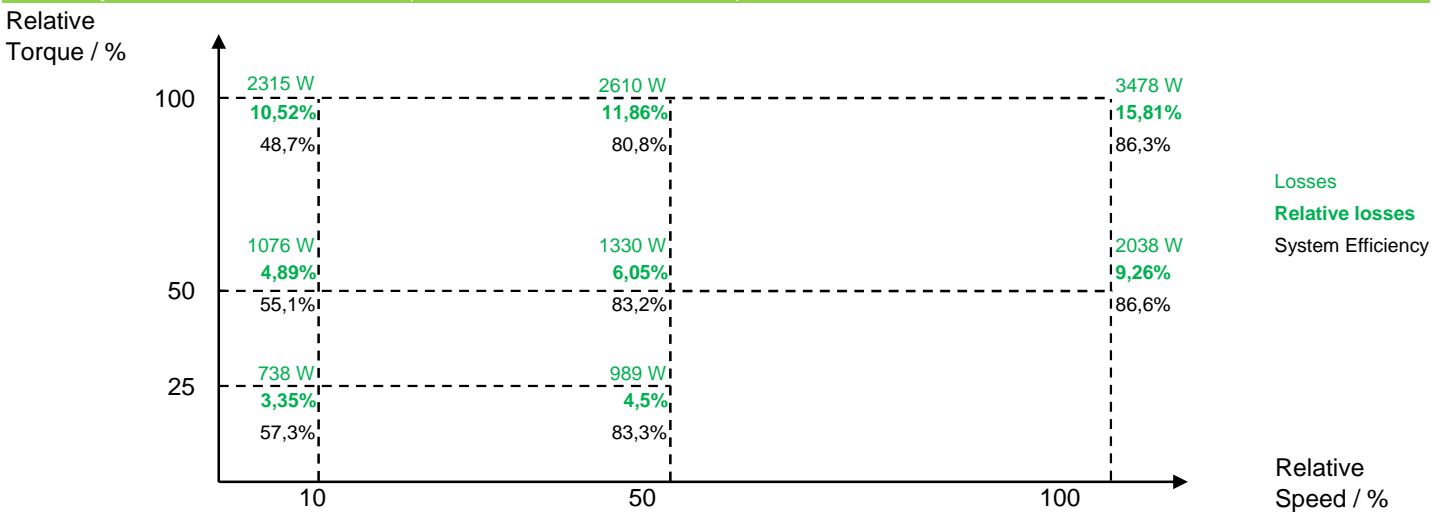


Efficiency data for the Drive

Standby losses : 28 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630D30M3**

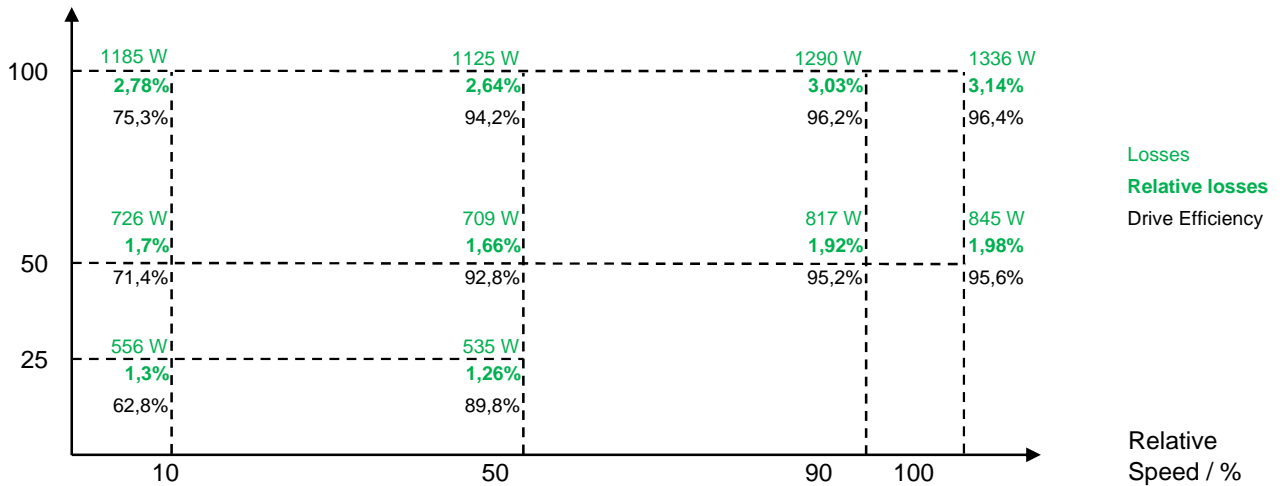
Series : Altivar Process ATV600
 Nominal voltage : 3x 200 VAC
 Nominal power : 30 kW / 40 HP
 Overload : Normal Duty
 Nominal current : 123 A
 Nominal apparent power : 42,6 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

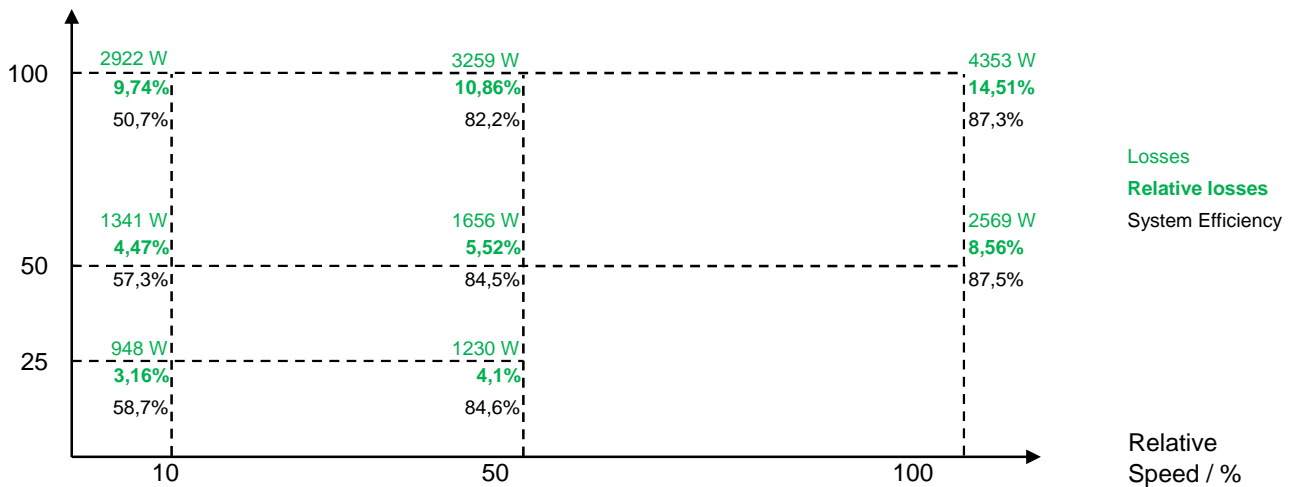
Standby losses : 33 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

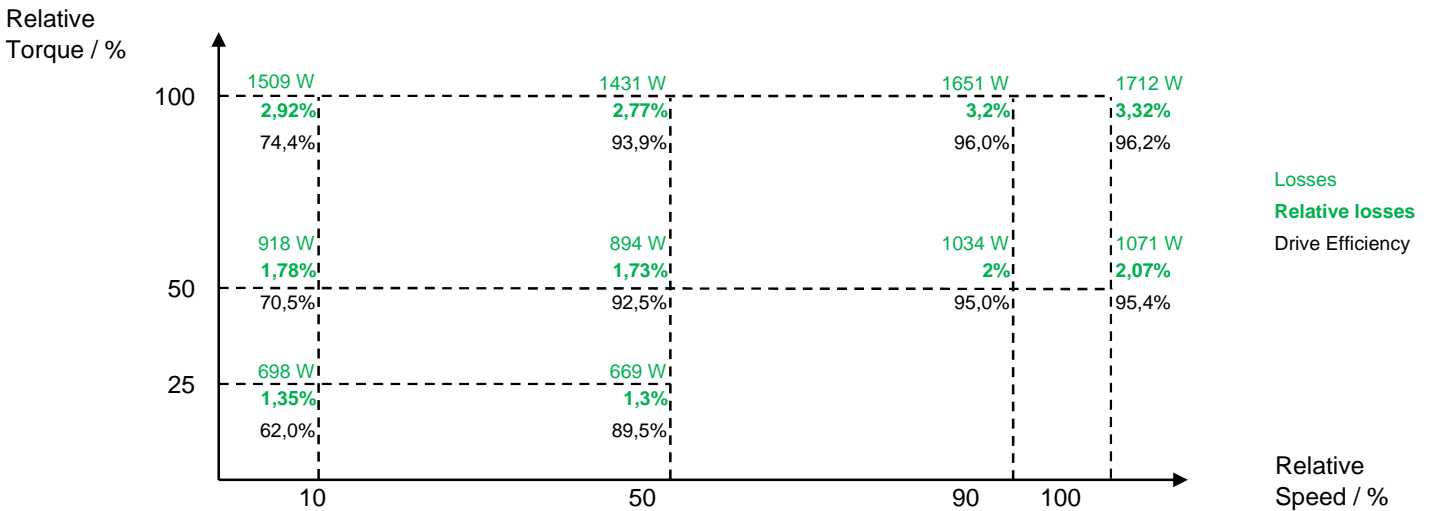
Reference : **ATV630D37M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 200 VAC
 Nominal power : 37 kW / 50 HP
 Overload : Normal Duty
 Nominal current : 149 A
 Nominal apparent power : 51,6 kVA
 Nominal frequency : 50 Hz

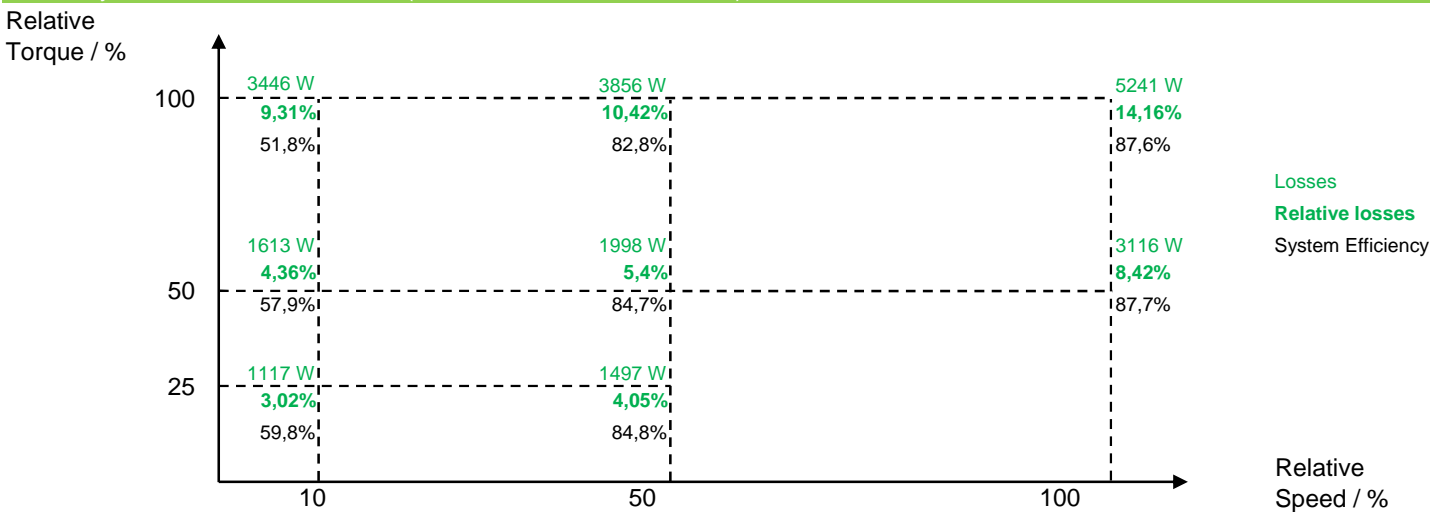


Efficiency data for the Drive

Standby losses : 33 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

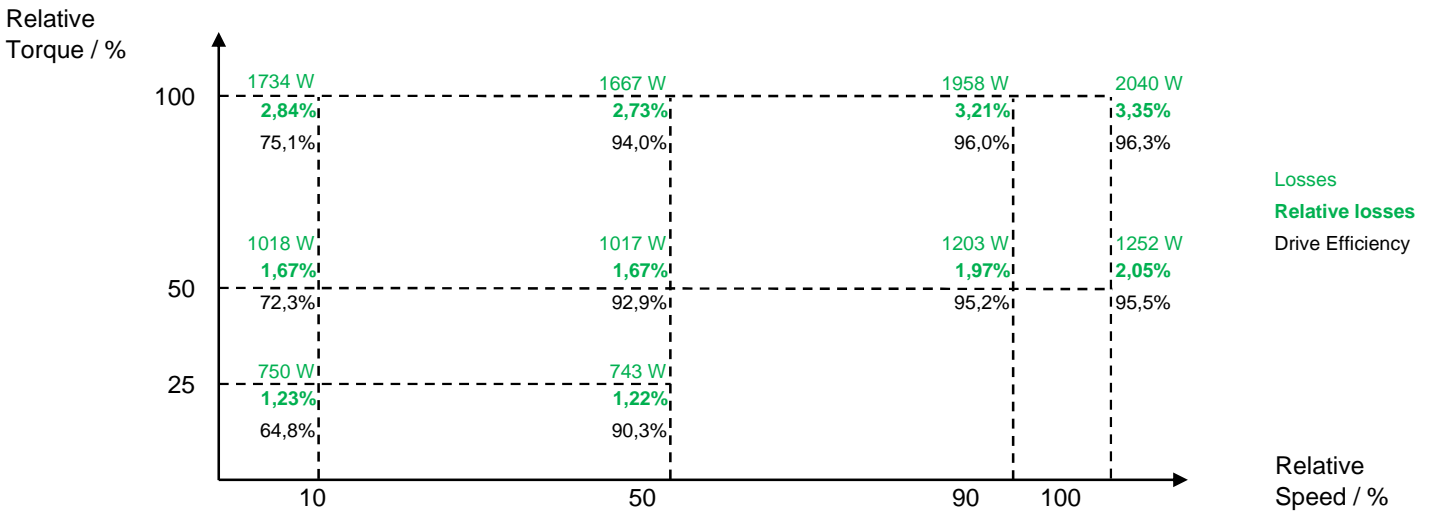
Reference : **ATV630D45M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 200 VAC
 Nominal power : 45 kW / 60 HP
 Overload : Normal Duty
 Nominal current : 176 A
 Nominal apparent power : 61 kVA
 Nominal frequency : 50 Hz

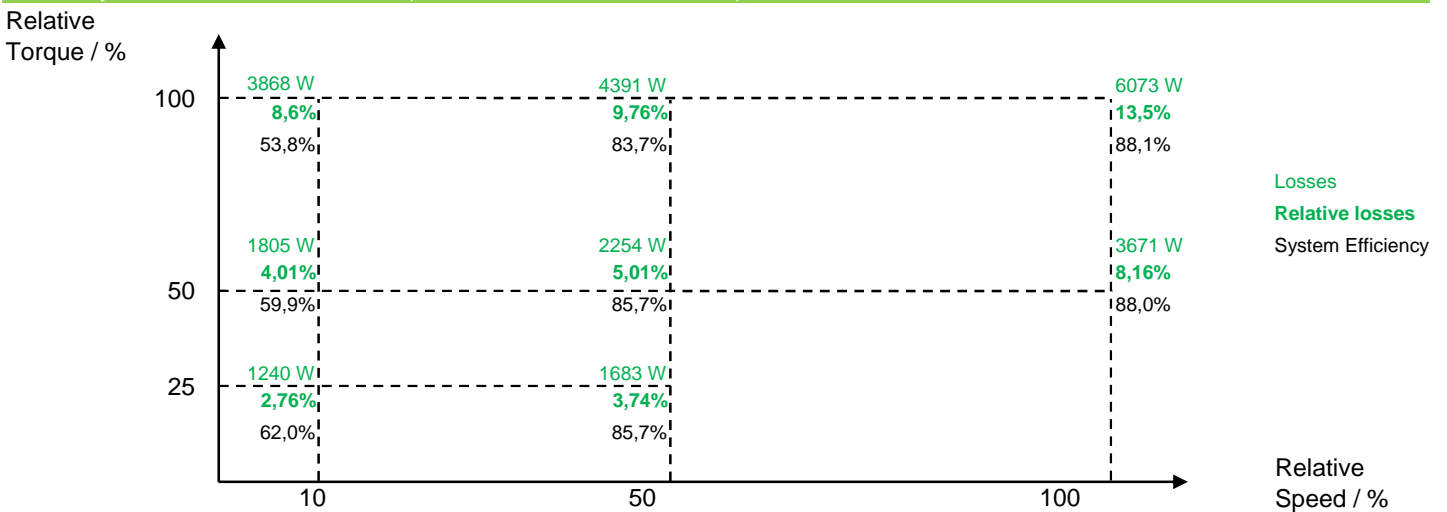


Efficiency data for the Drive

Standby losses : 33 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

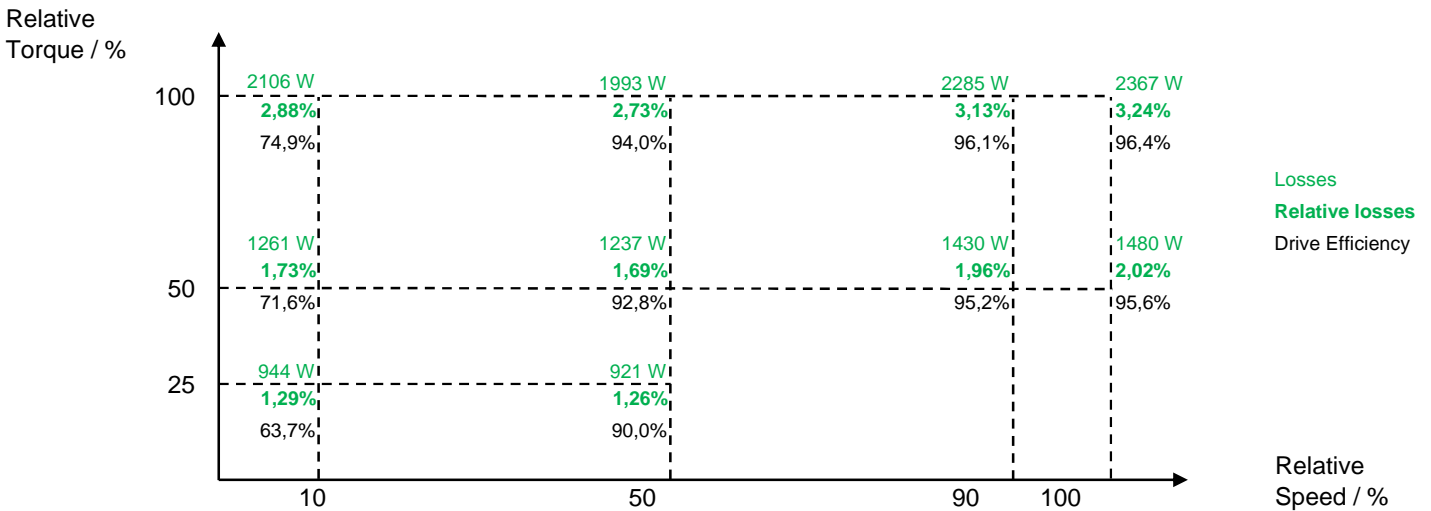
Reference : **ATV630D55M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 200 VAC
 Nominal power : 55 kW / 75 HP
 Overload : Normal Duty
 Nominal current : 211 A
 Nominal apparent power : 73,1 kVA
 Nominal frequency : 50 Hz

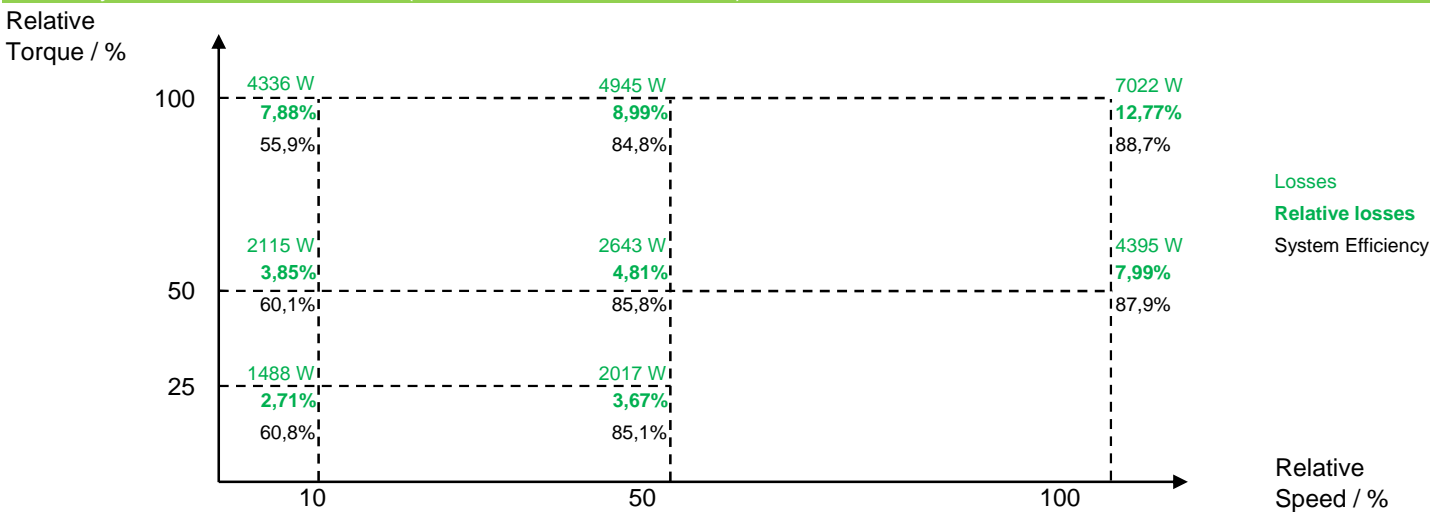


Efficiency data for the Drive

Standby losses : 57 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

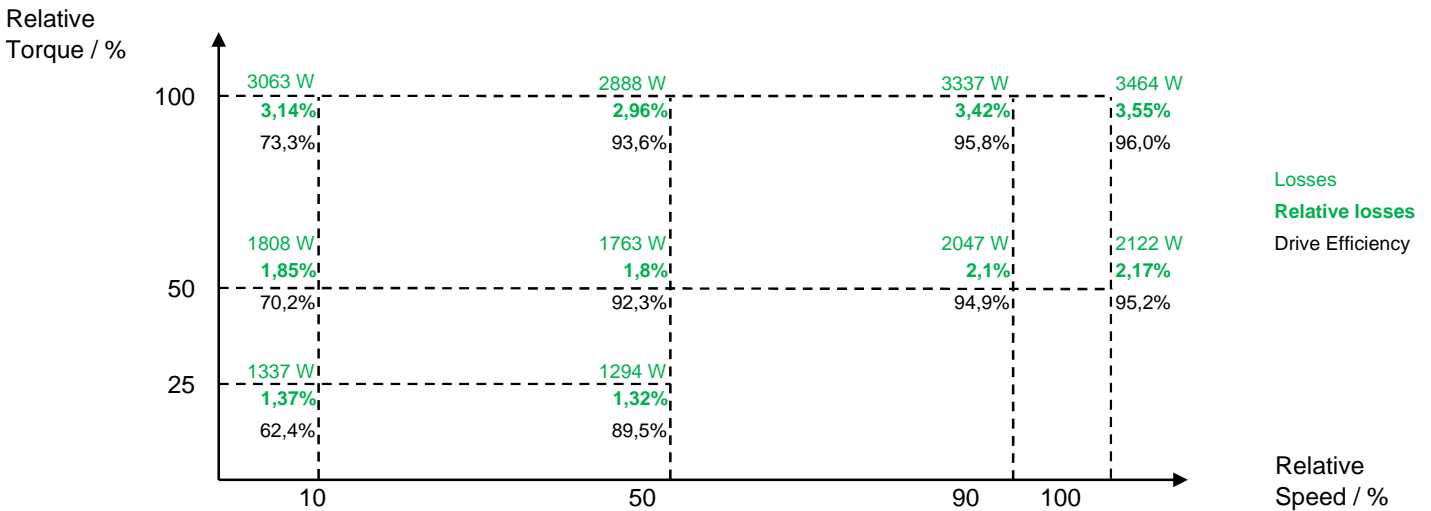
Reference : **ATV630D75M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 200 VAC
 Nominal power : 75 kW / 100 HP
 Overload : Normal Duty
 Nominal current : 282 A
 Nominal apparent power : 97,7 kVA
 Nominal frequency : 50 Hz

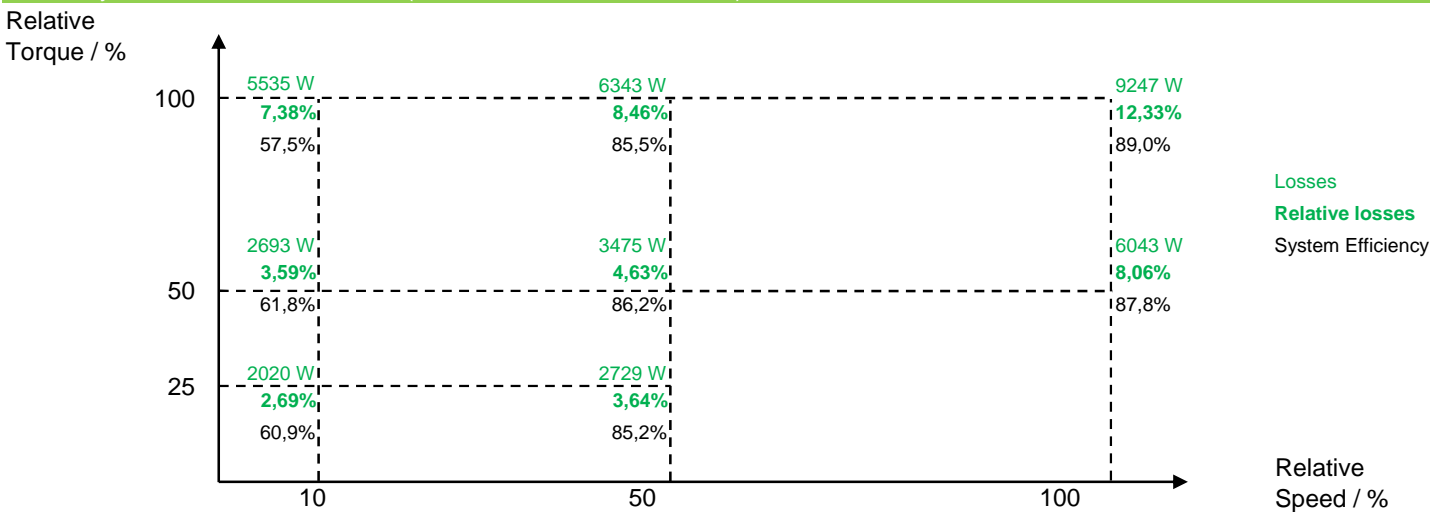


Efficiency data for the Drive

Standby losses : 57 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

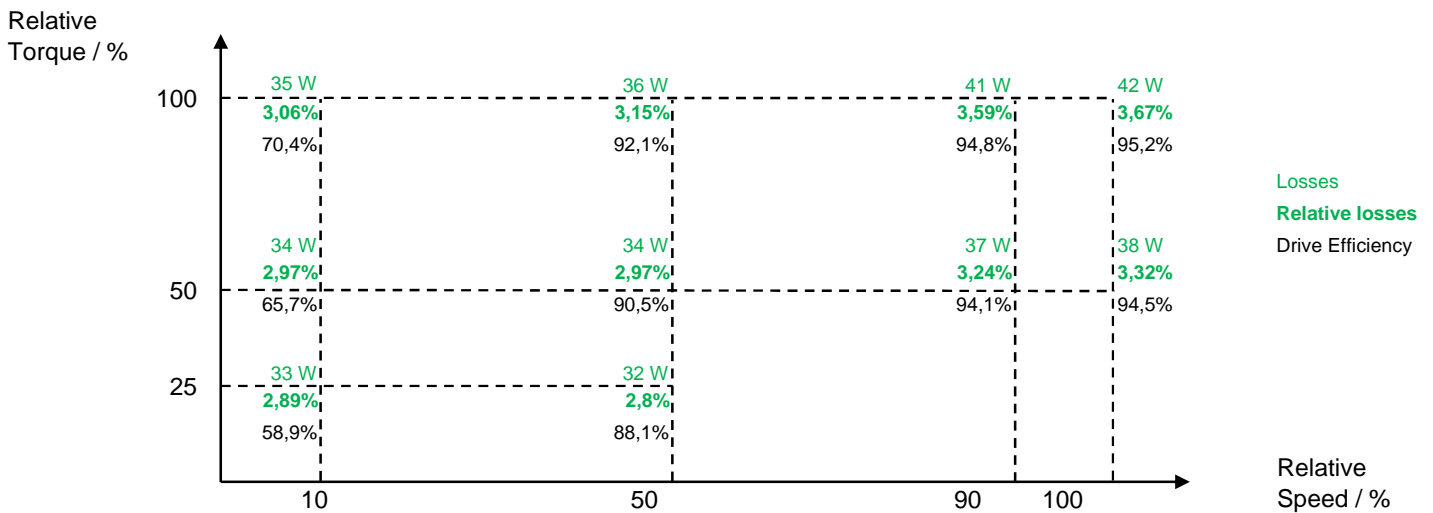
Reference : **ATV630U07M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 200 VAC
 Nominal power : 0,37 kW / 0,5 HP
 Overload : Heavy Duty
 Nominal current : 3,3 A
 Nominal apparent power : 1,1 kVA
 Nominal frequency : 50 Hz

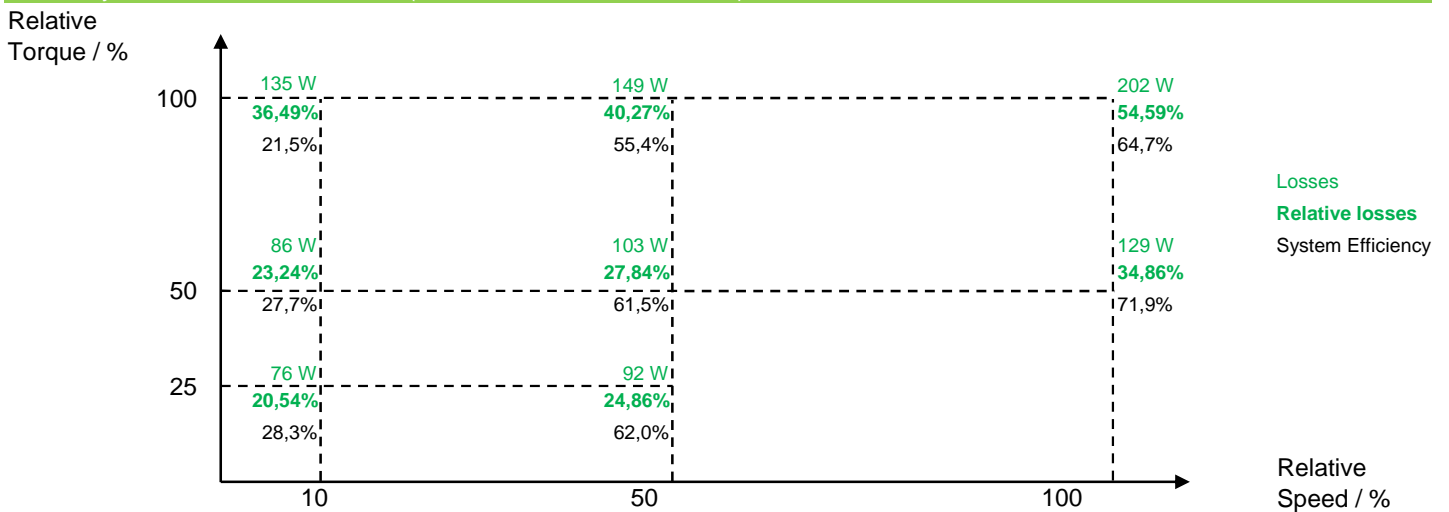


Efficiency data for the Drive

Standby losses : 13 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630U15M3**

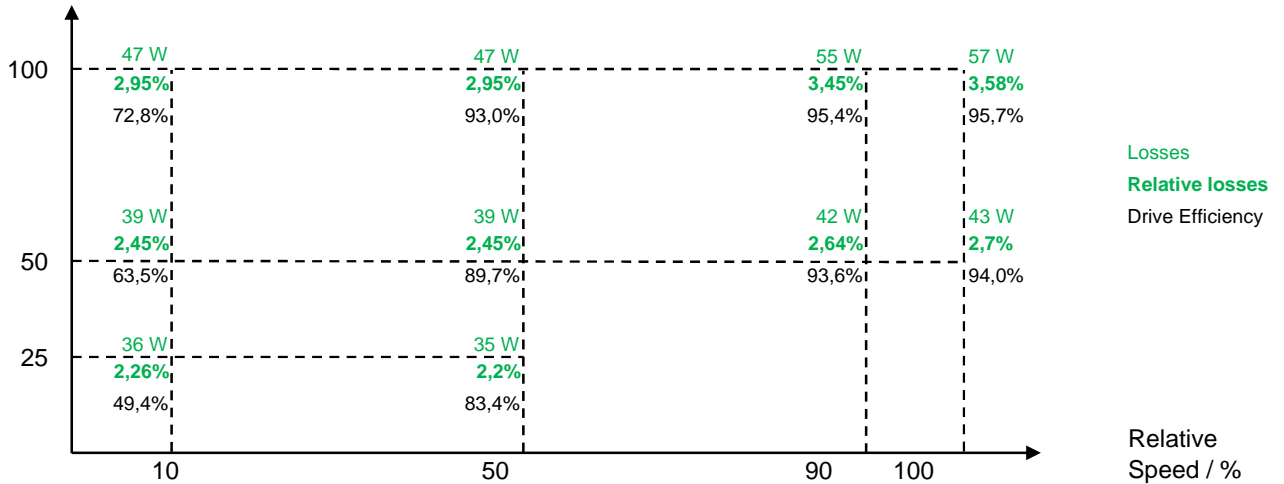


Series : Altivar Process ATV600
 Nominal voltage : 3x 200 VAC
 Nominal power : 0,75 kW / 1 HP
 Overload : Heavy Duty
 Nominal current : 4,6 A
 Nominal apparent power : 1,6 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

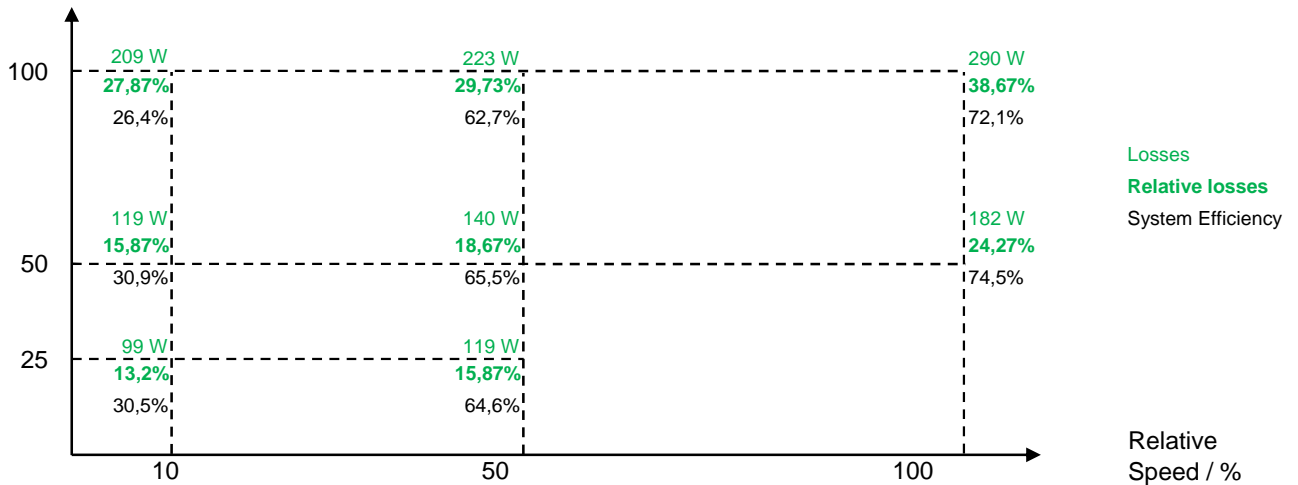
Standby losses : 13 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630U22M3**

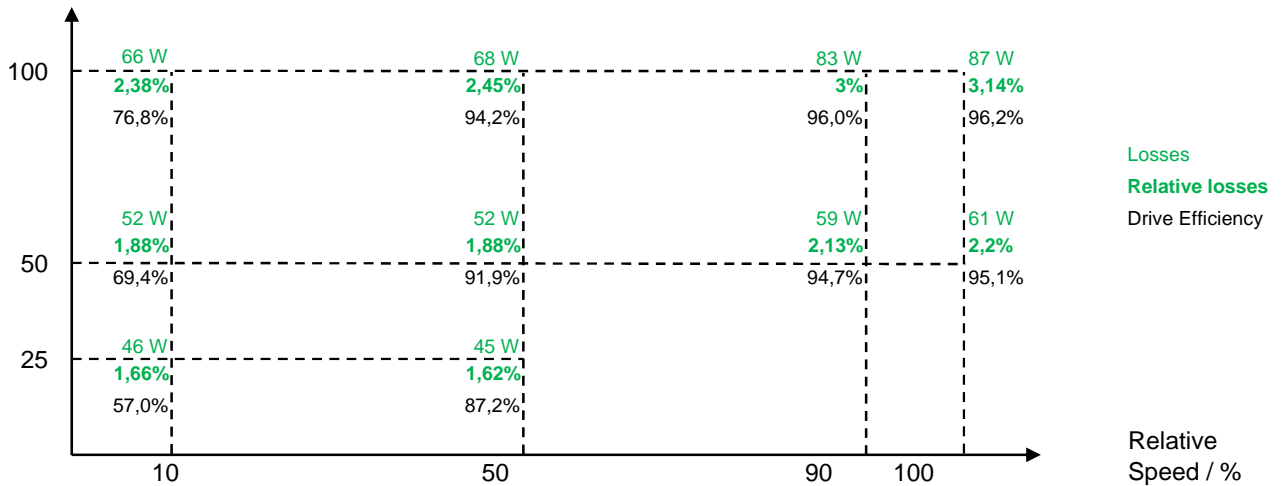


Series : Altivar Process ATV600
 Nominal voltage : 3x 200 VAC
 Nominal power : 1,5 kW / 2 HP
 Overload : Heavy Duty
 Nominal current : 8 A
 Nominal apparent power : 2,8 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

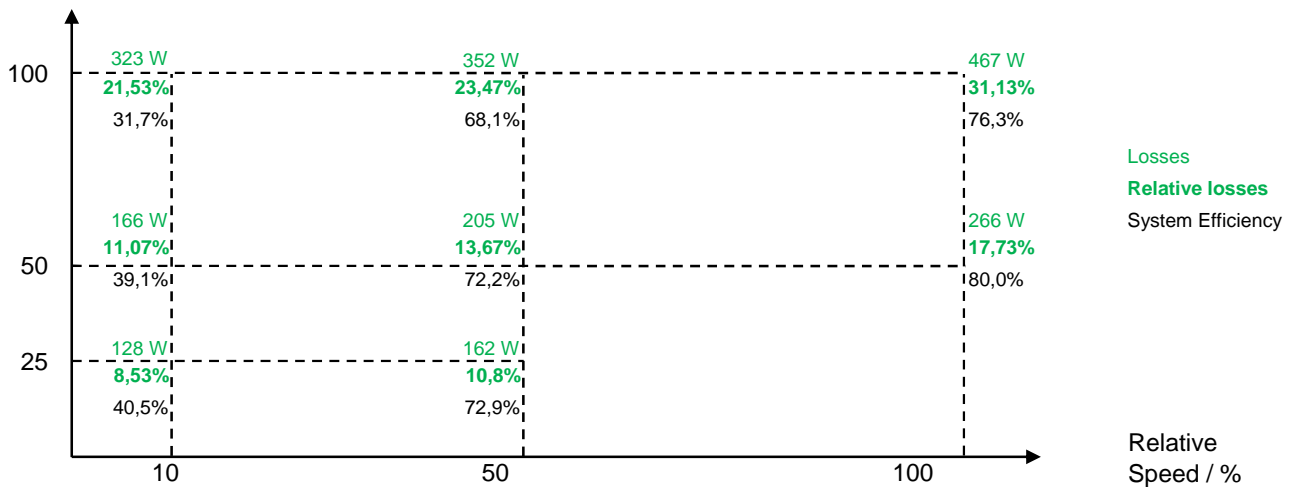
Standby losses : 13 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

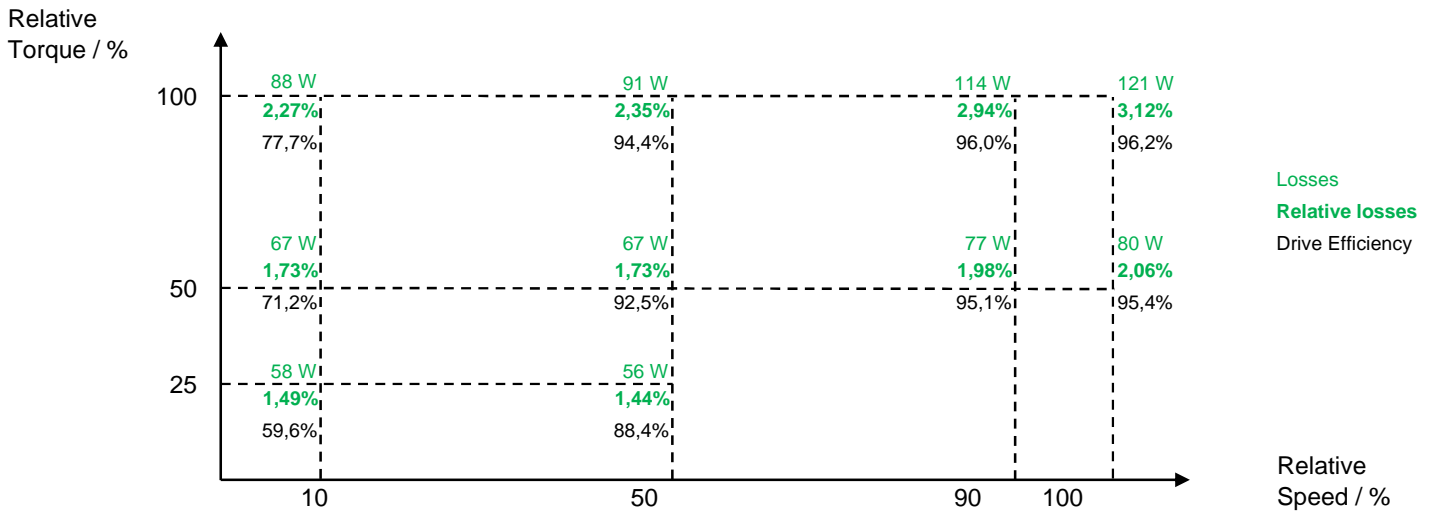
Reference : **ATV630U30M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 200 VAC
 Nominal power : 2,2 kW / 3 HP
 Overload : Heavy Duty
 Nominal current : 11,2 A
 Nominal apparent power : 3,9 kVA
 Nominal frequency : 50 Hz

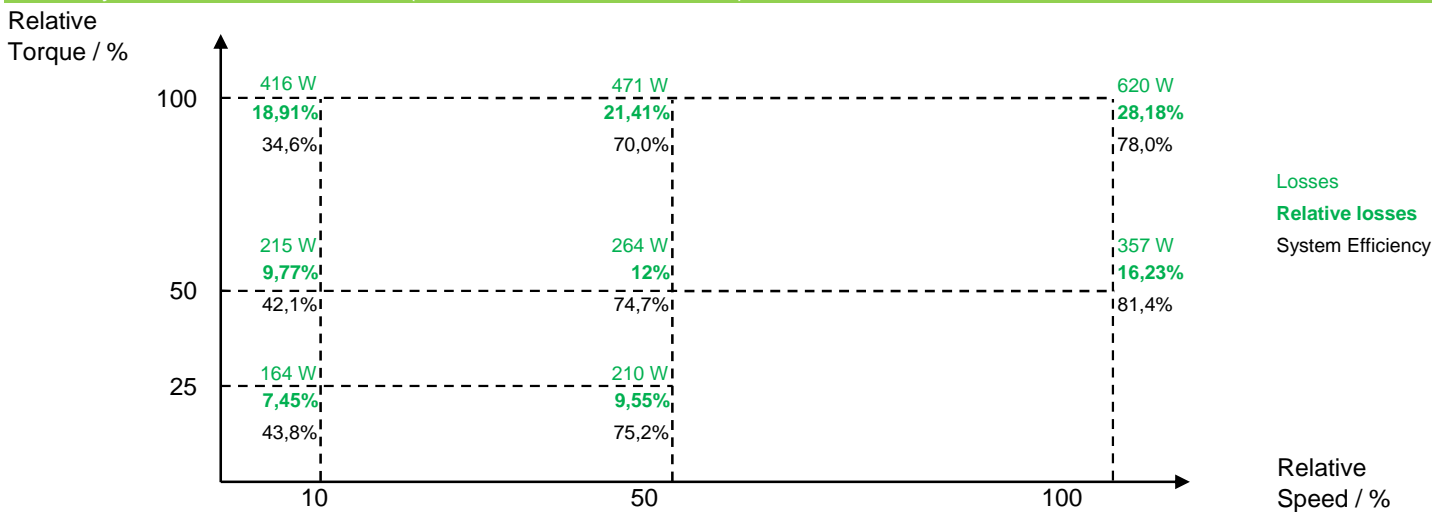


Efficiency data for the Drive

Standby losses : 13 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630U40M3**

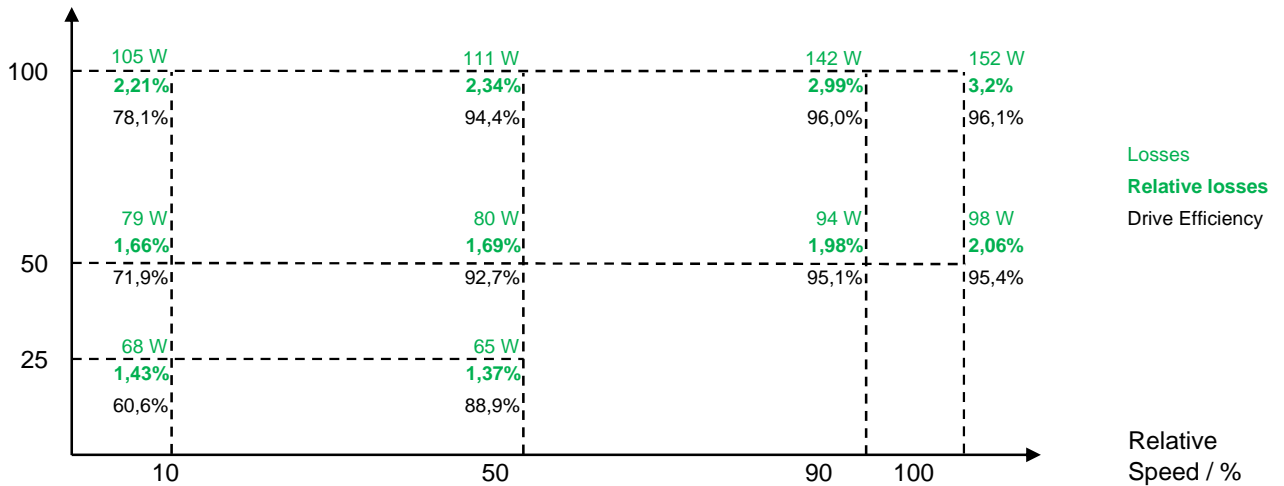
Series : Altivar Process ATV600
 Nominal voltage : 3x 200 VAC
 Nominal power : 3 kW / - HP
 Overload : Heavy Duty
 Nominal current : 13,7 A
 Nominal apparent power : 4,7 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

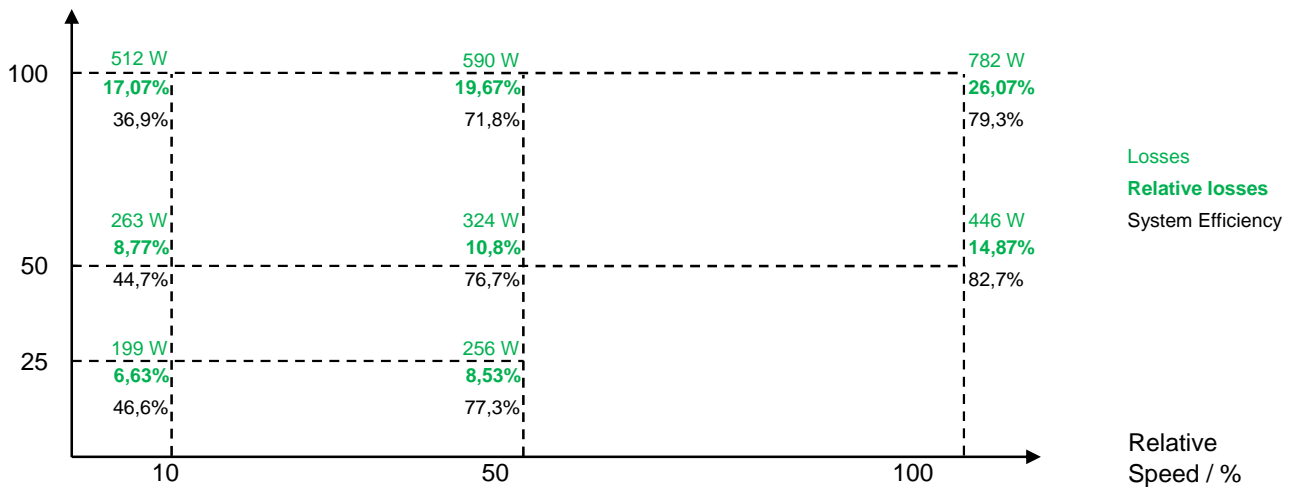
Standby losses : 13 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

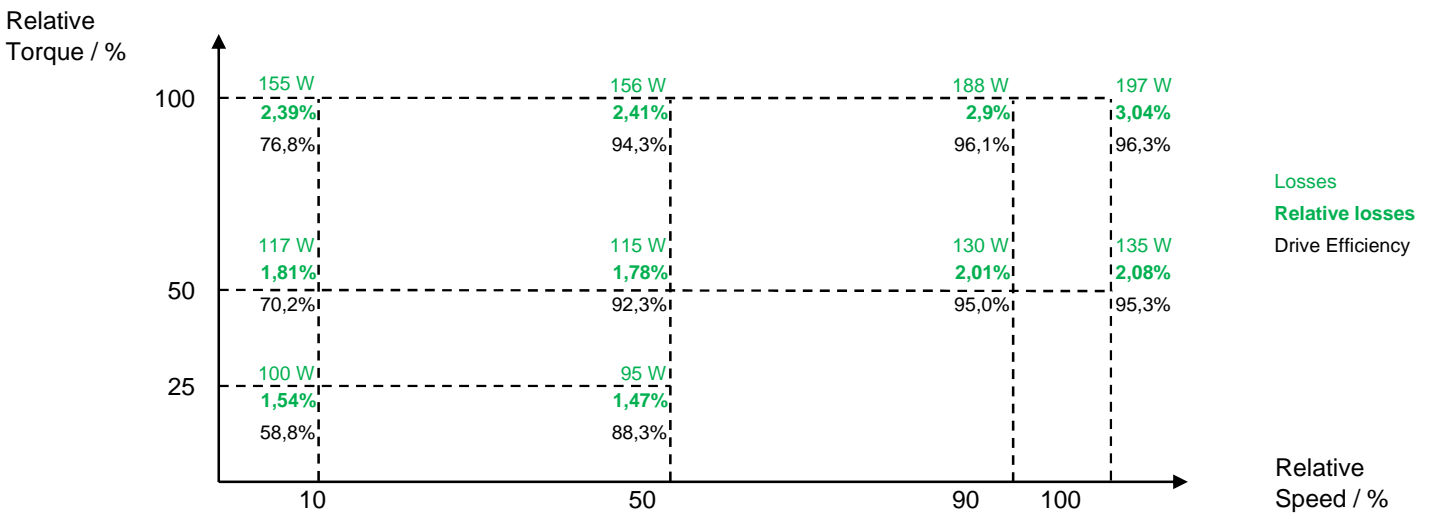
Reference : **ATV630U55M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 200 VAC
 Nominal power : 4 kW / 5 HP
 Overload : Heavy Duty
 Nominal current : 18,7 A
 Nominal apparent power : 6,5 kVA
 Nominal frequency : 50 Hz

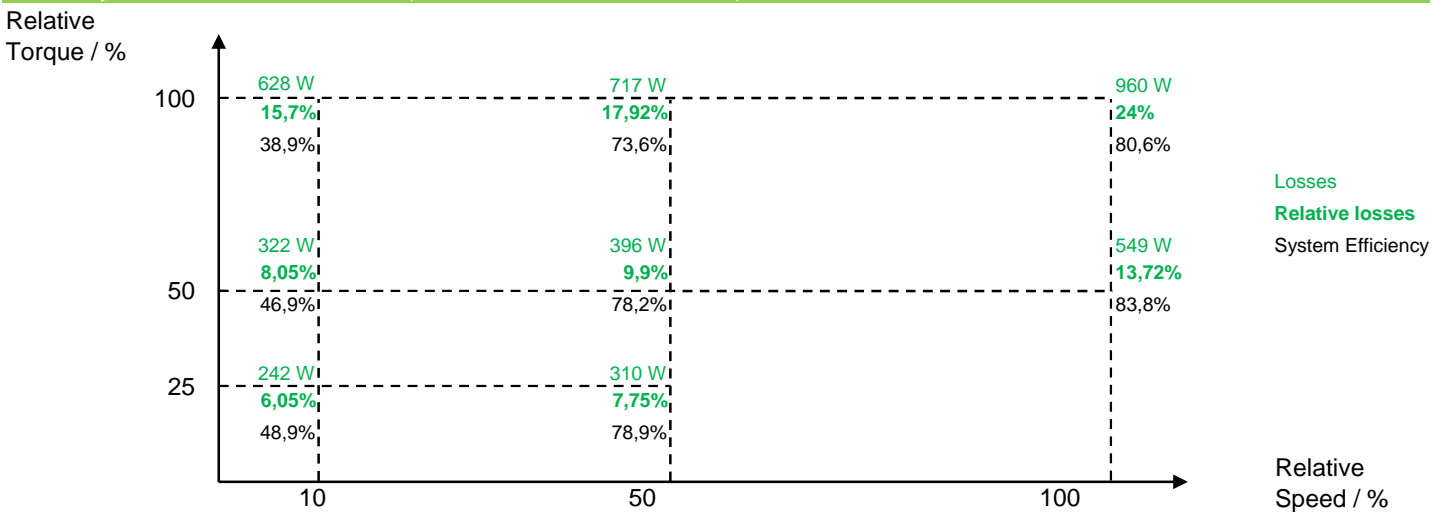


Efficiency data for the Drive

Standby losses : 16 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

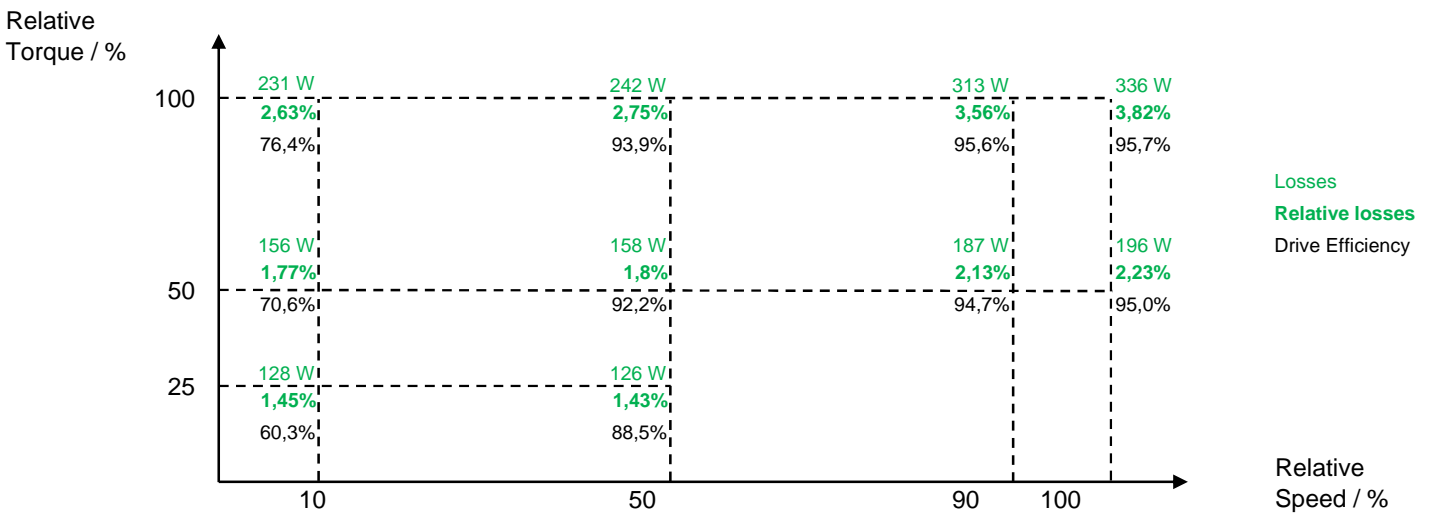
Reference : **ATV630U75M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 200 VAC
 Nominal power : 5,5 kW / 7,5 HP
 Overload : Heavy Duty
 Nominal current : 25,4 A
 Nominal apparent power : 8,8 kVA
 Nominal frequency : 50 Hz

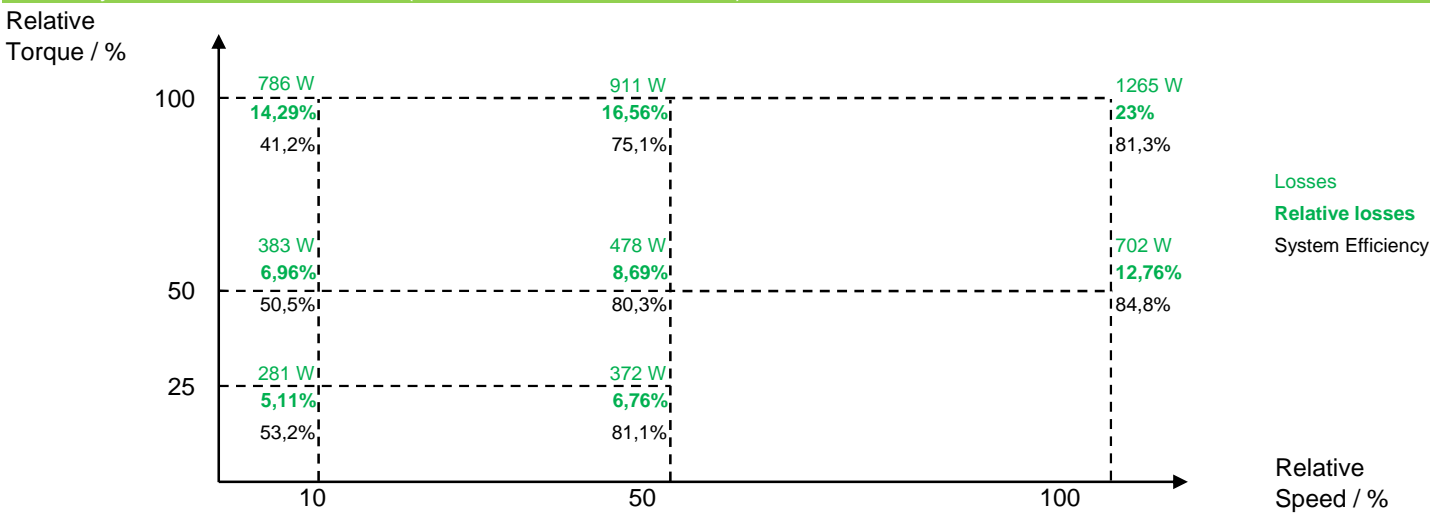


Efficiency data for the Drive

Standby losses : 22 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

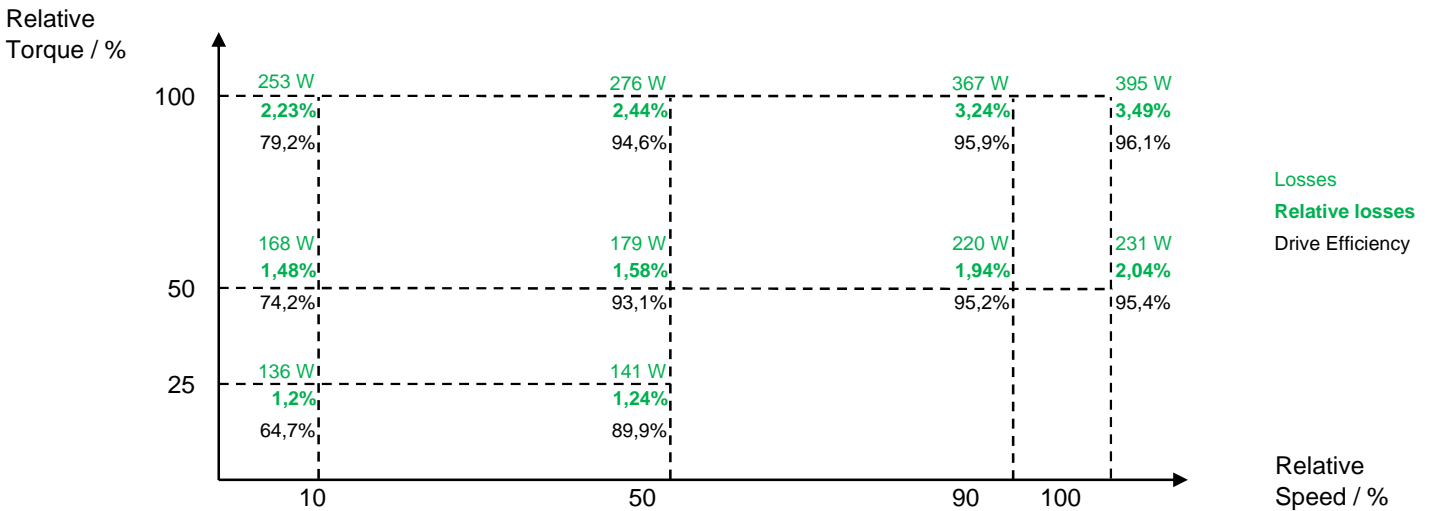
Reference : **ATV630D11M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 200 VAC
 Nominal power : 7,5 kW / 10 HP
 Overload : Heavy Duty
 Nominal current : 32,7 A
 Nominal apparent power : 11,3 kVA
 Nominal frequency : 50 Hz

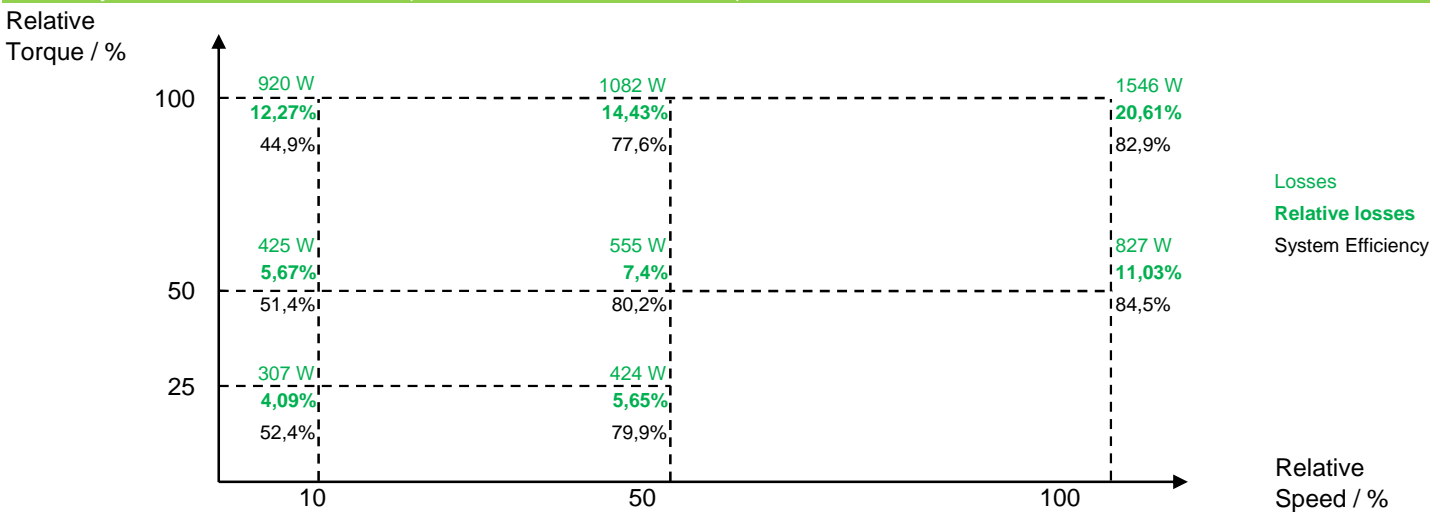


Efficiency data for the Drive

Standby losses : 22 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

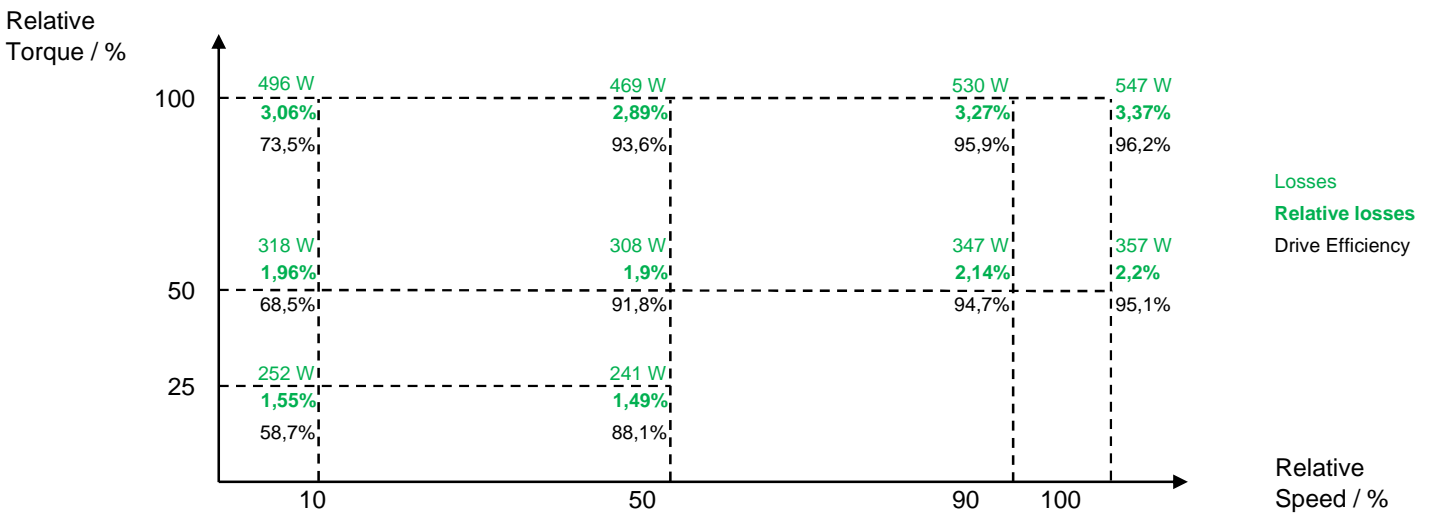
Reference : **ATV630D15M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 200 VAC
 Nominal power : 11 kW / 15 HP
 Overload : Heavy Duty
 Nominal current : 46,8 A
 Nominal apparent power : 16,2 kVA
 Nominal frequency : 50 Hz

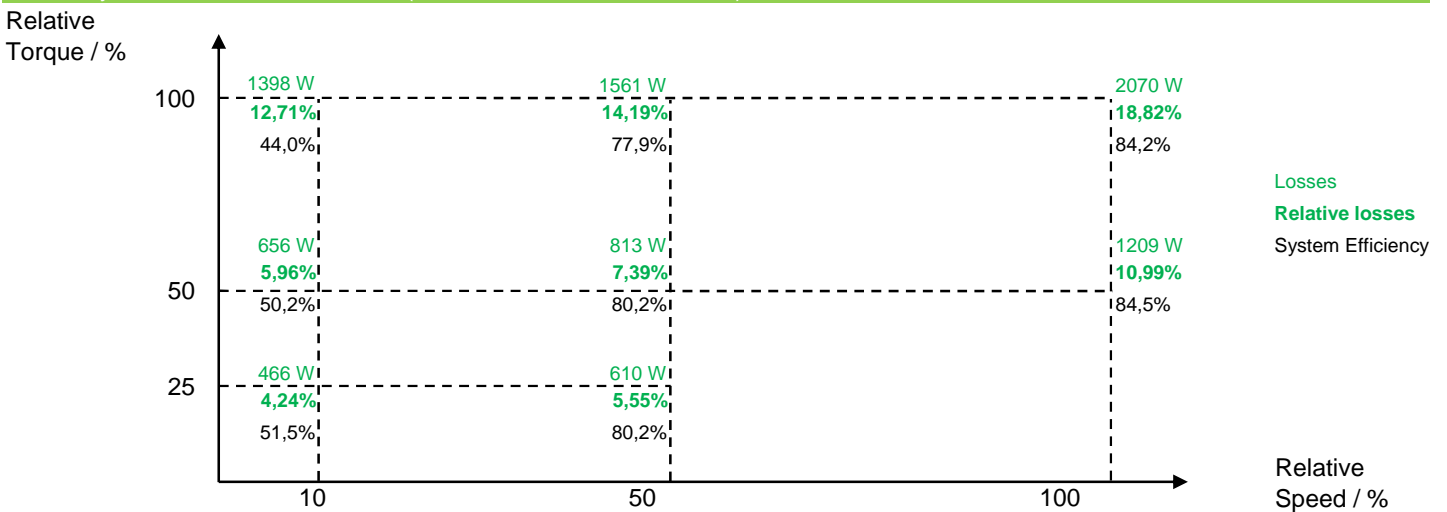


Efficiency data for the Drive

Standby losses : 28 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

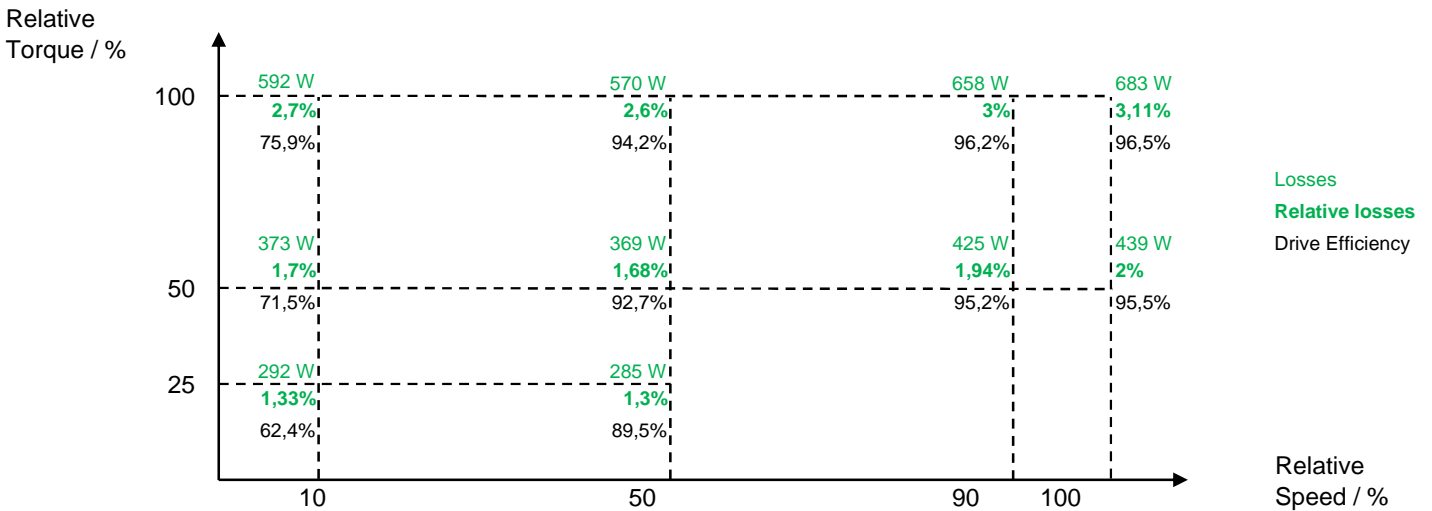
Reference : **ATV630D18M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 200 VAC
 Nominal power : 15 kW / 20 HP
 Overload : Heavy Duty
 Nominal current : 63,4 A
 Nominal apparent power : 22 kVA
 Nominal frequency : 50 Hz

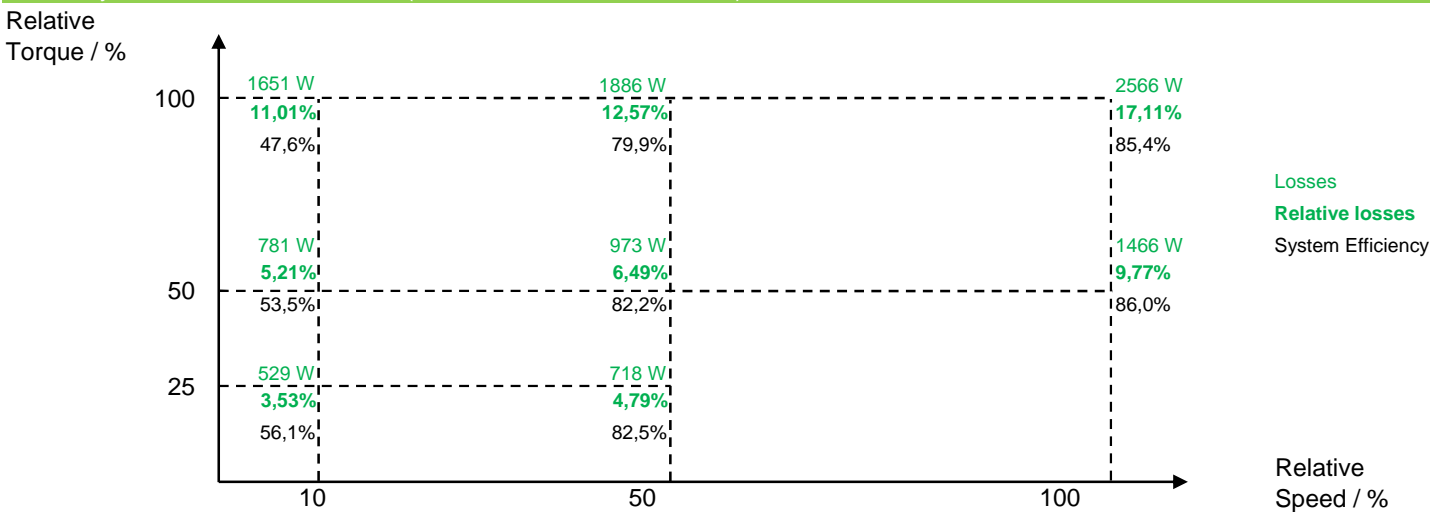


Efficiency data for the Drive

Standby losses : 28 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

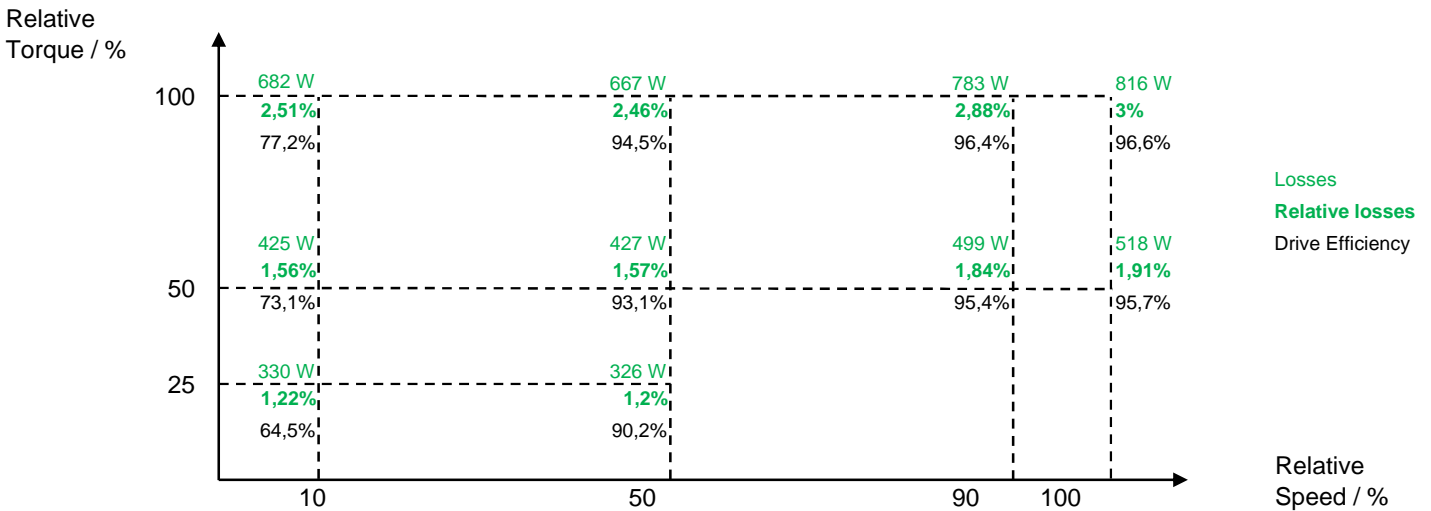
Reference : **ATV630D22M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 200 VAC
 Nominal power : 18,5 kW / 25 HP
 Overload : Heavy Duty
 Nominal current : 78,4 A
 Nominal apparent power : 27,2 kVA
 Nominal frequency : 50 Hz

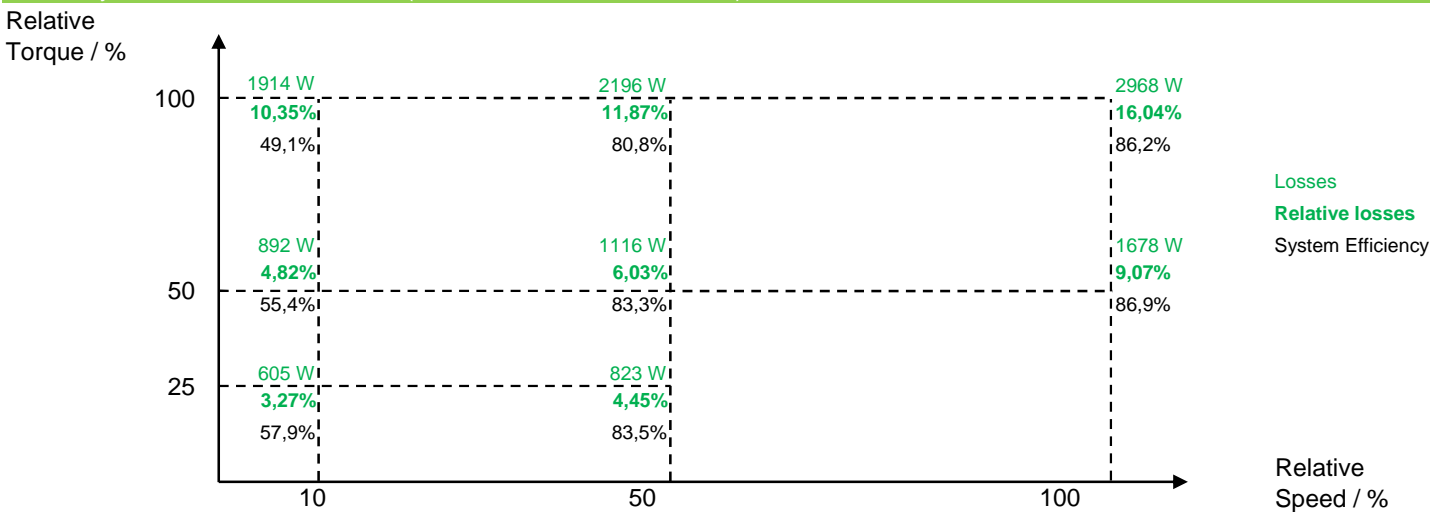


Efficiency data for the Drive

Standby losses : 28 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

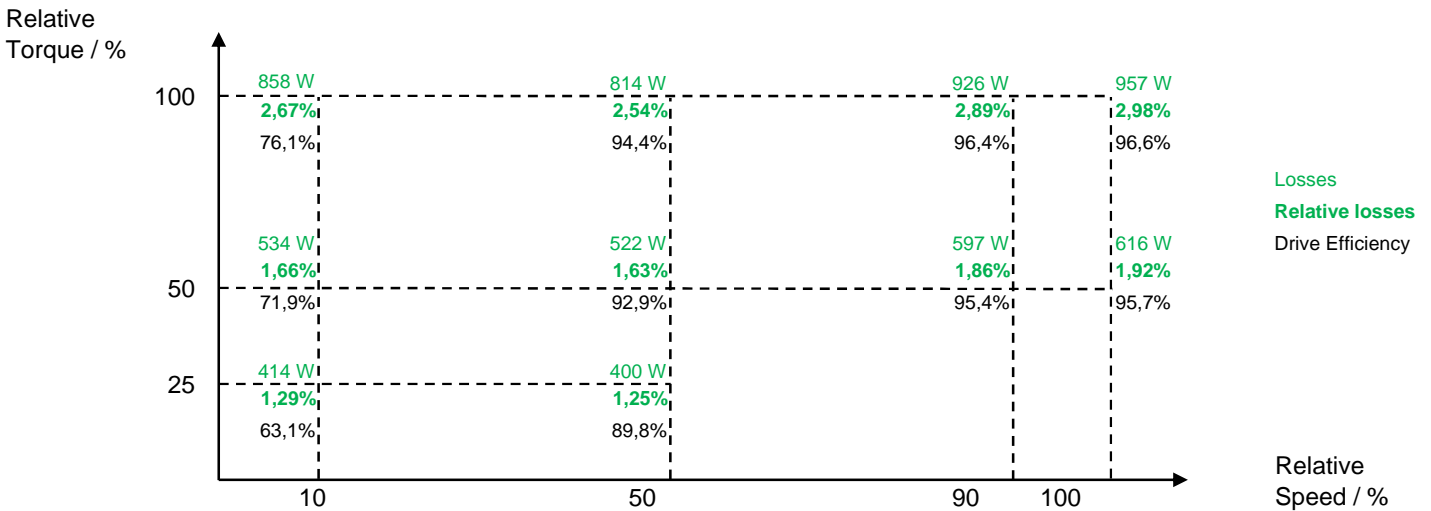
Reference : **ATV630D30M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 200 VAC
 Nominal power : 22 kW / 30 HP
 Overload : Heavy Duty
 Nominal current : 92,6 A
 Nominal apparent power : 32,1 kVA
 Nominal frequency : 50 Hz

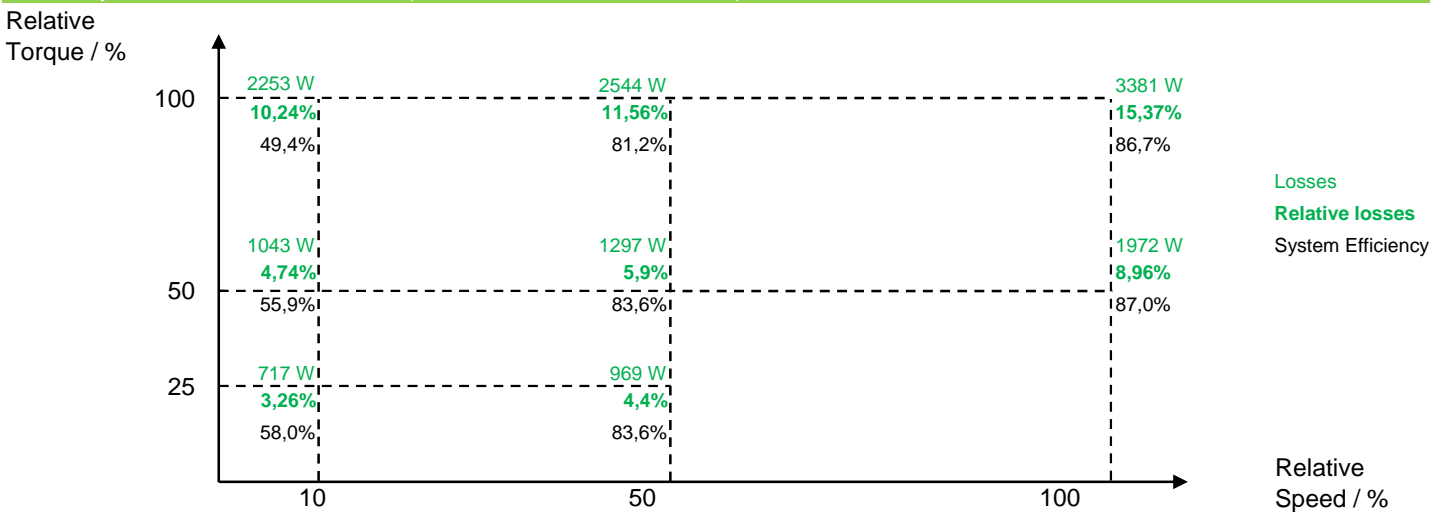


Efficiency data for the Drive

Standby losses : 33 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

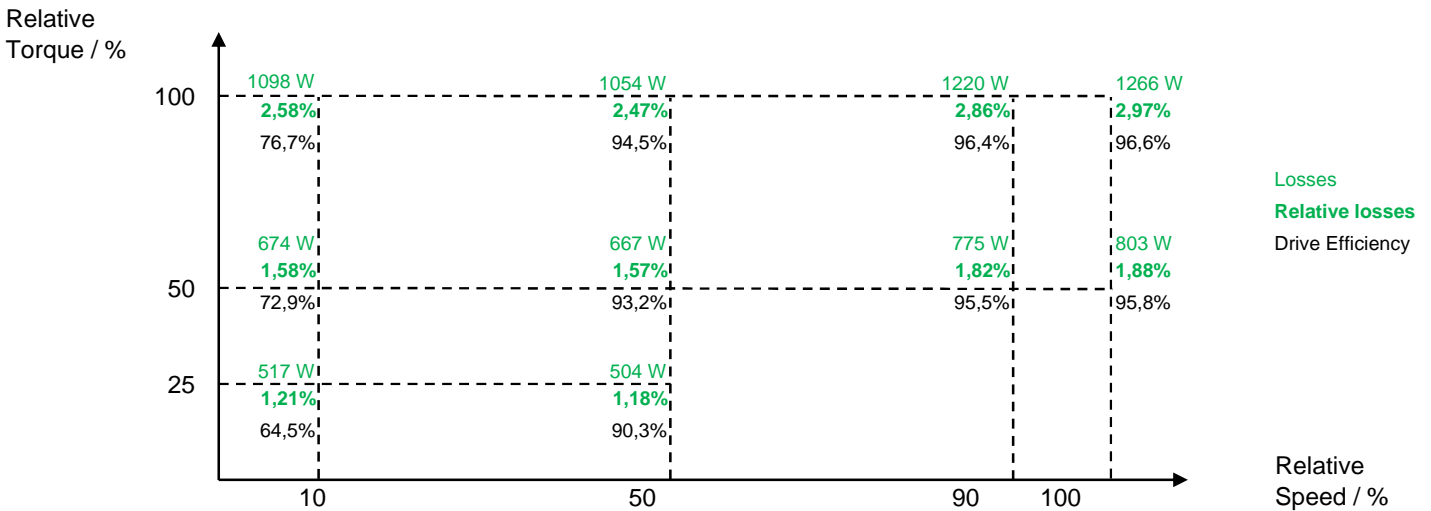
Reference : **ATV630D37M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 200 VAC
 Nominal power : 30 kW / 40 HP
 Overload : Heavy Duty
 Nominal current : 123 A
 Nominal apparent power : 42,6 kVA
 Nominal frequency : 50 Hz

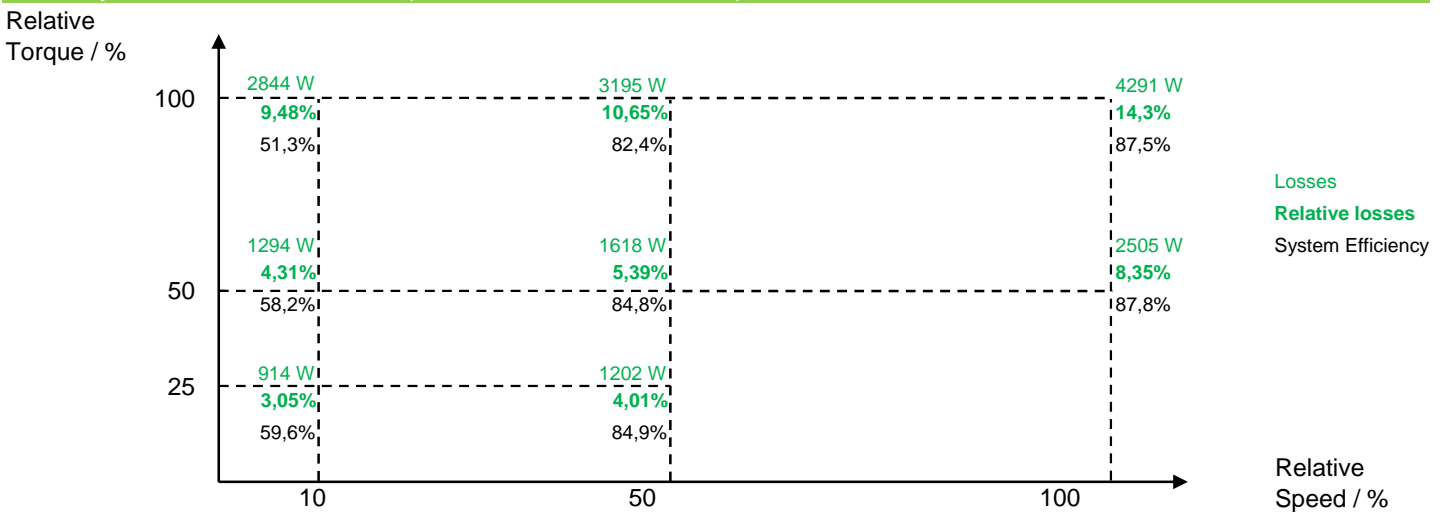


Efficiency data for the Drive

Standby losses : 33 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630D45M3**

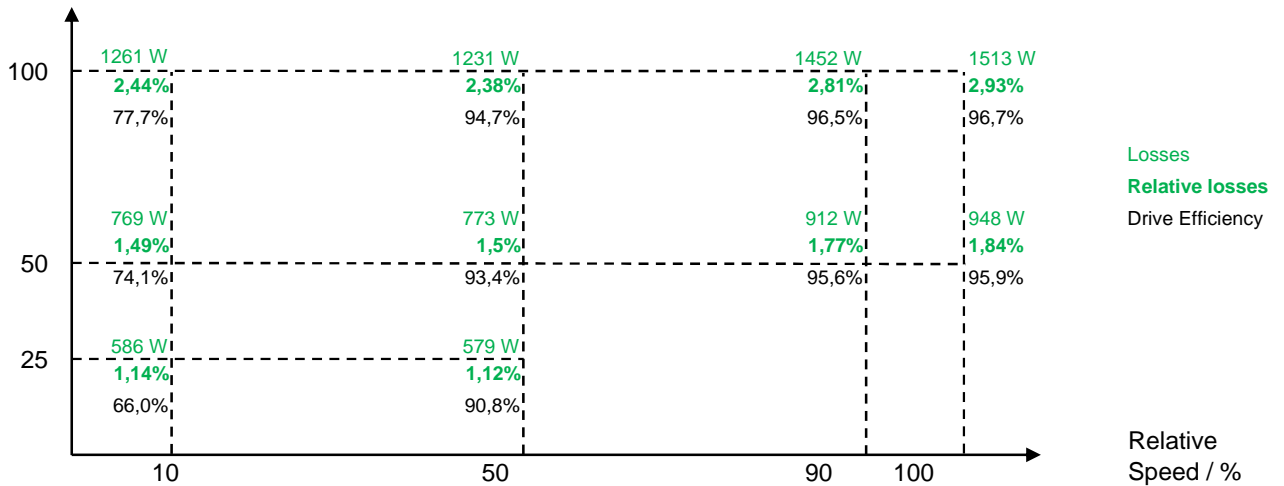
Series : Altivar Process ATV600
 Nominal voltage : 3x 200 VAC
 Nominal power : 37 kW / 50 HP
 Overload : Heavy Duty
 Nominal current : 149 A
 Nominal apparent power : 51,6 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

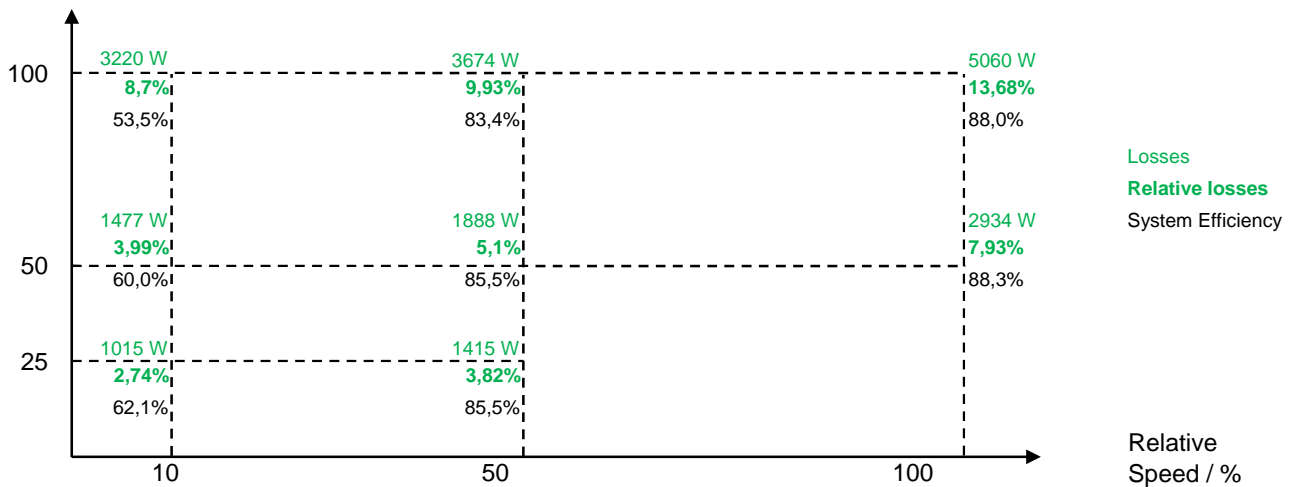
Standby losses : 33 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630D55M3**

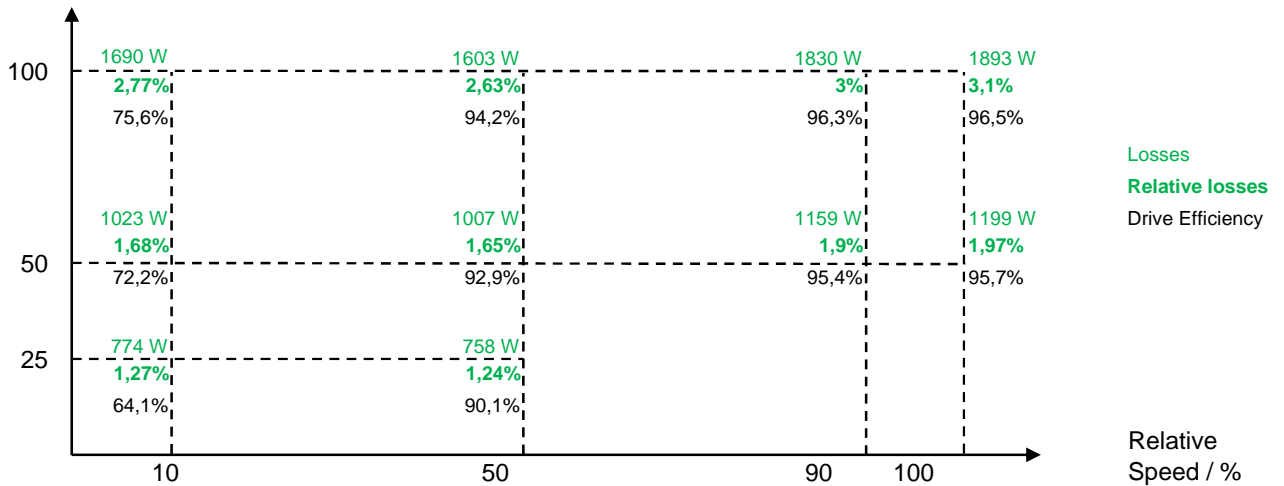
Series : Altivar Process ATV600
 Nominal voltage : 3x 200 VAC
 Nominal power : 45 kW / 60 HP
 Overload : Heavy Duty
 Nominal current : 176 A
 Nominal apparent power : 61 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

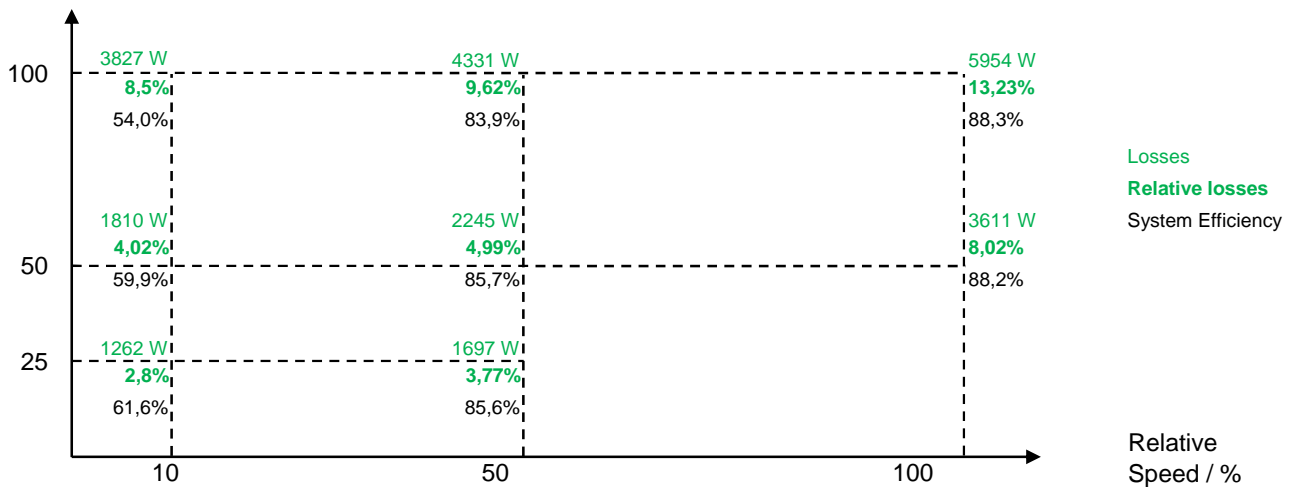
Standby losses : 57 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630D75M3**

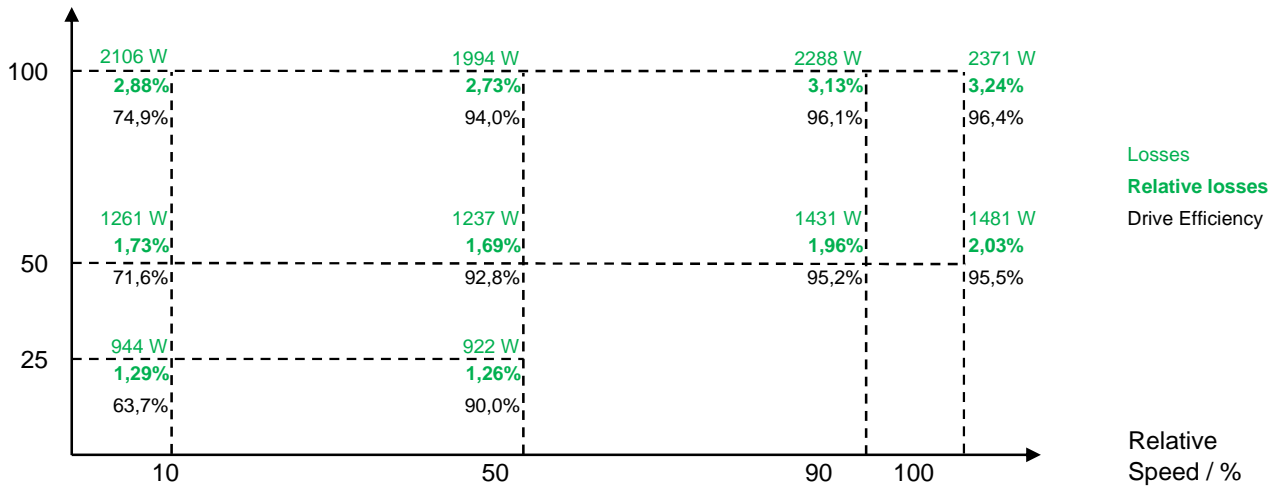
Series : Altivar Process ATV600
 Nominal voltage : 3x 200 VAC
 Nominal power : 55 kW / 75 HP
 Overload : Heavy Duty
 Nominal current : 211 A
 Nominal apparent power : 73,1 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

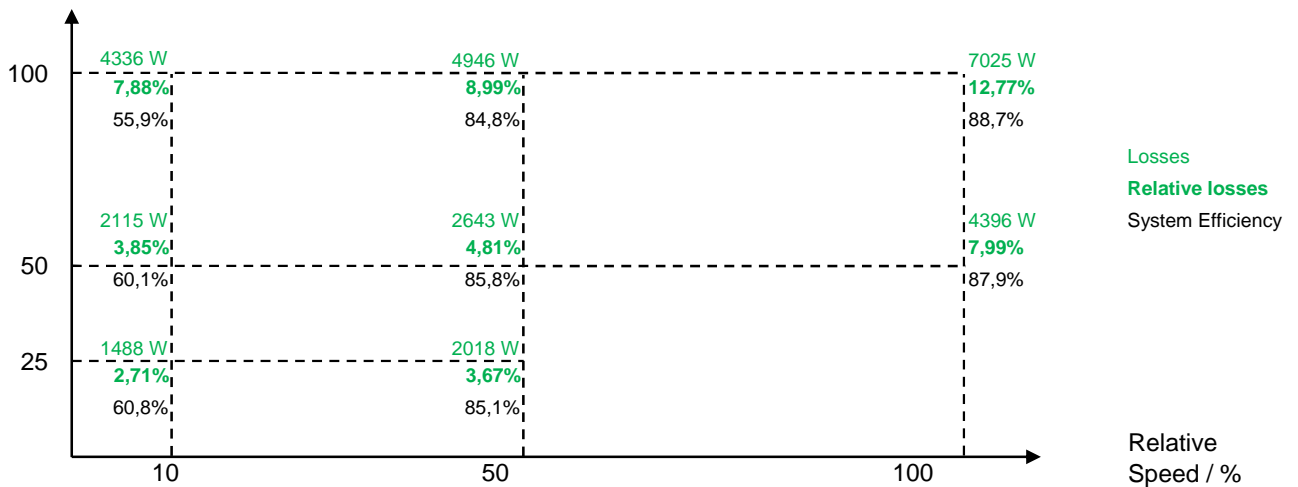
Standby losses : 57 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

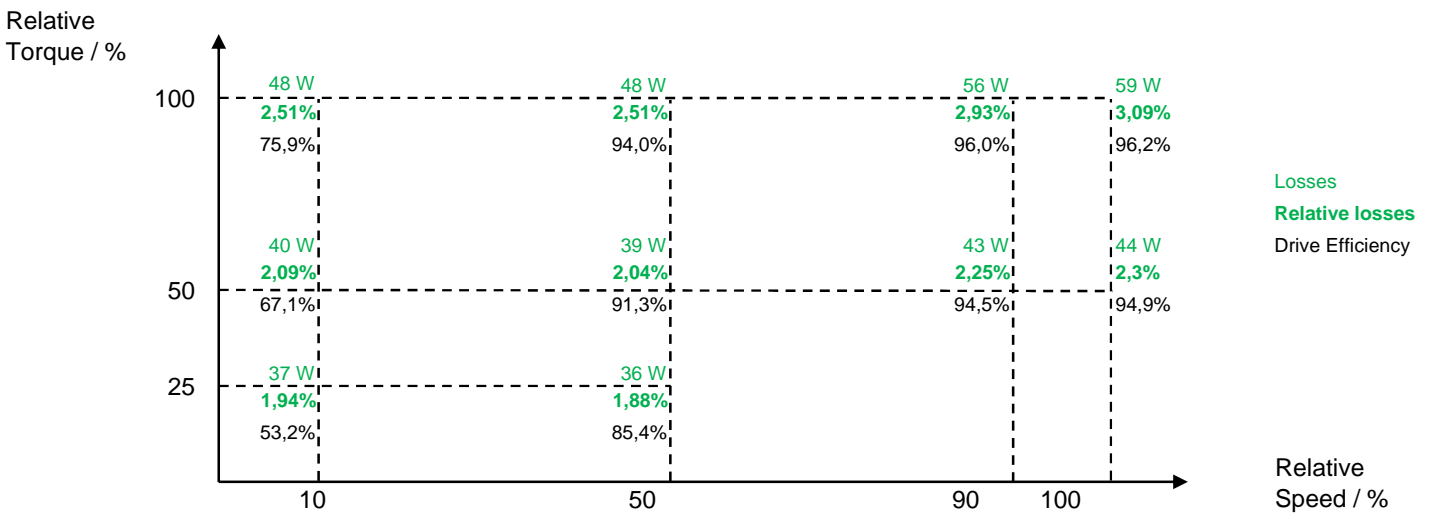
Reference : **ATV630U07M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 240 VAC
 Nominal power : 0,75 kW / 1 HP
 Overload : Normal Duty
 Nominal current : 4,6 A
 Nominal apparent power : 1,9 kVA
 Nominal frequency : 50 Hz

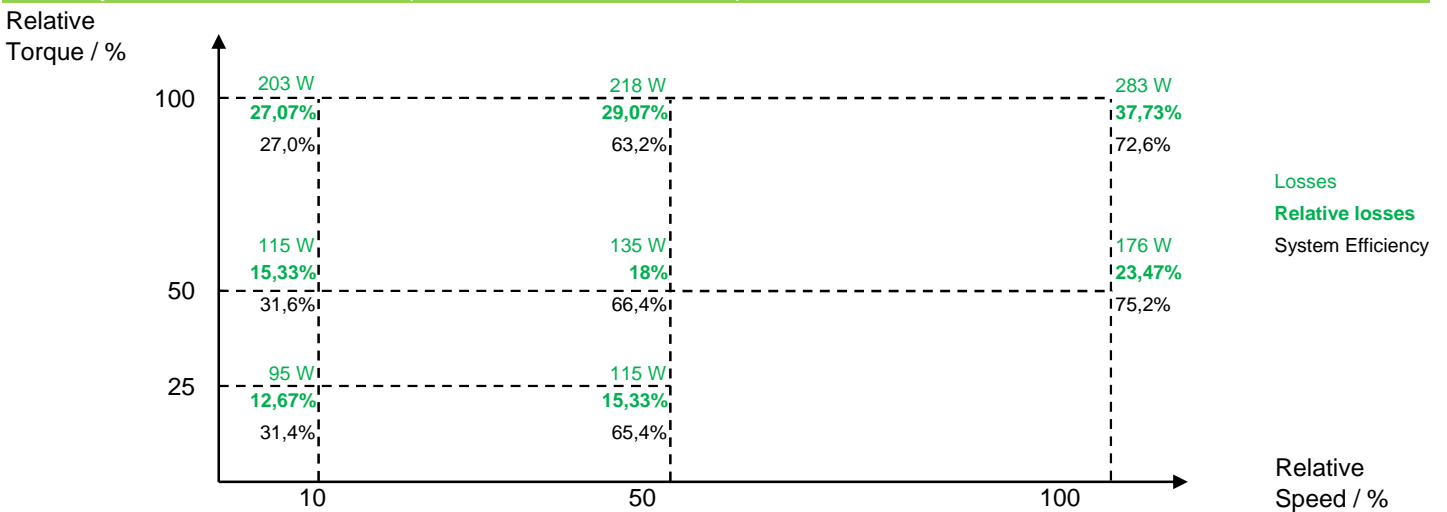


Efficiency data for the Drive

Standby losses : 14 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

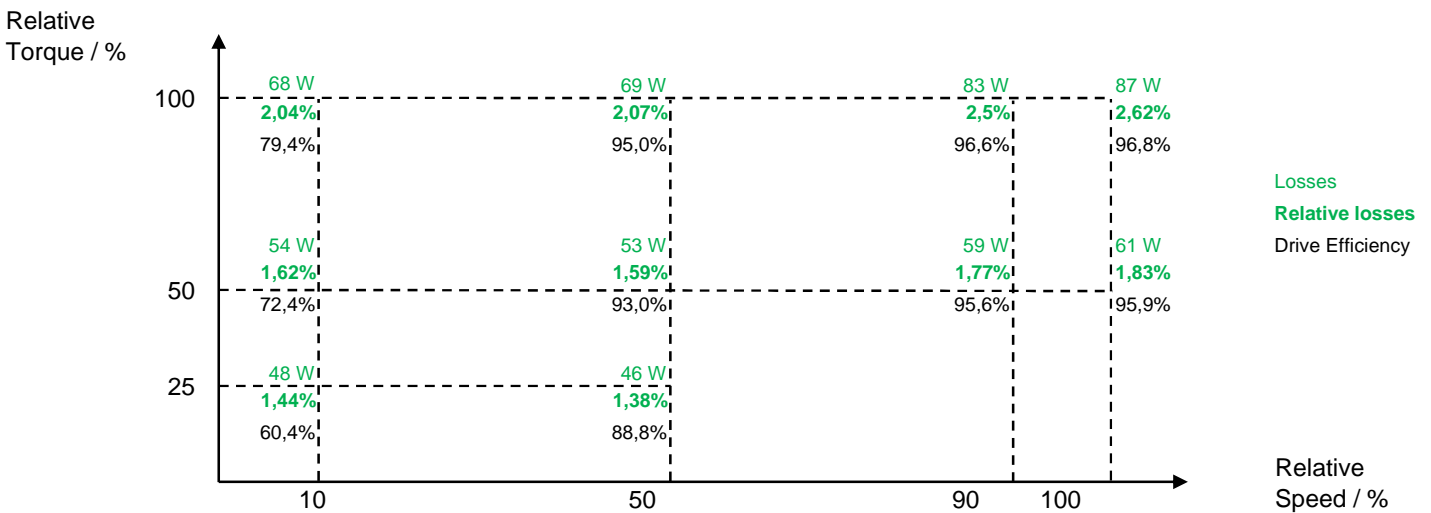
Reference : **ATV630U15M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 240 VAC
 Nominal power : 1,5 kW / 2 HP
 Overload : Normal Duty
 Nominal current : 8 A
 Nominal apparent power : 3,3 kVA
 Nominal frequency : 50 Hz

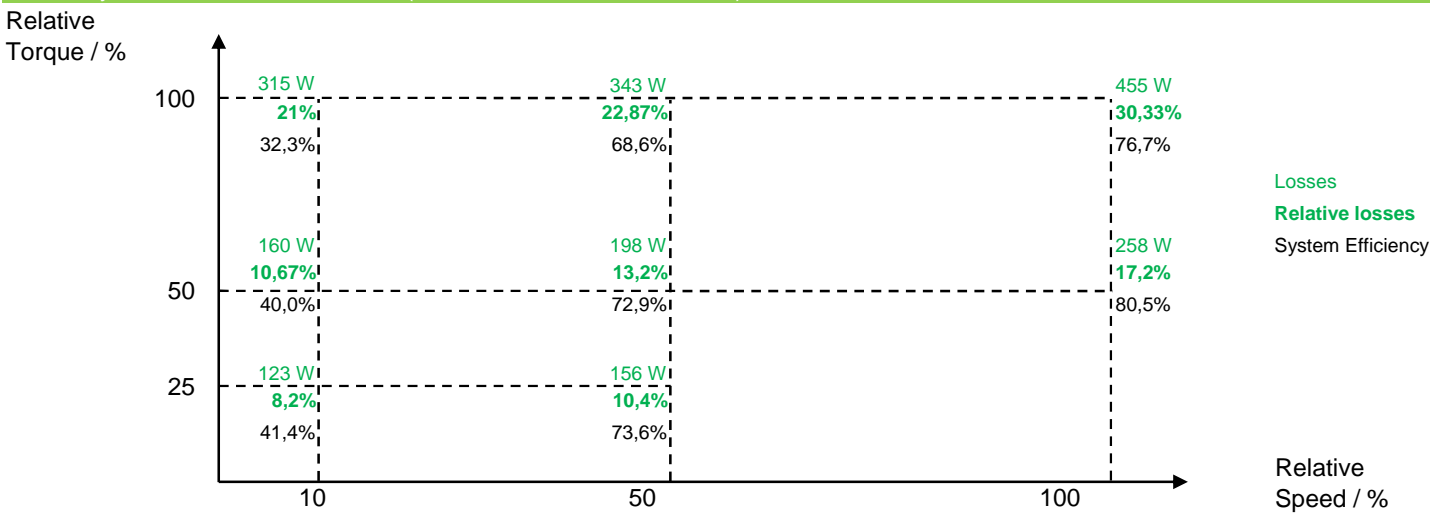


Efficiency data for the Drive

Standby losses : 14 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

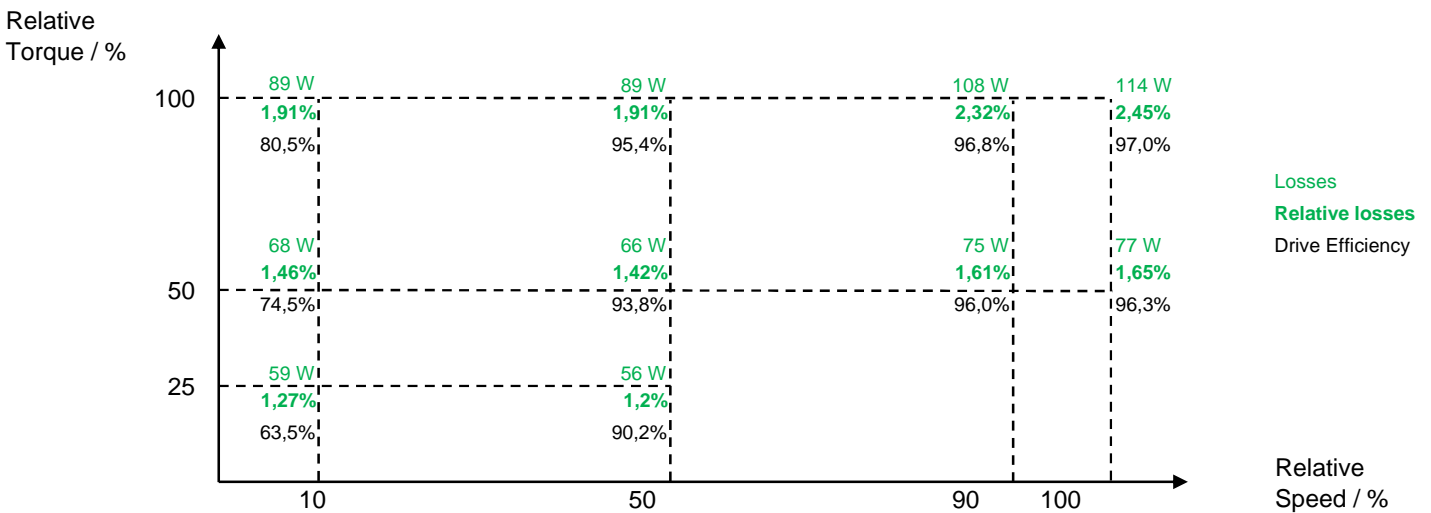
Reference : **ATV630U22M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 240 VAC
 Nominal power : 2,2 kW / 3 HP
 Overload : Normal Duty
 Nominal current : 11,2 A
 Nominal apparent power : 4,7 kVA
 Nominal frequency : 50 Hz

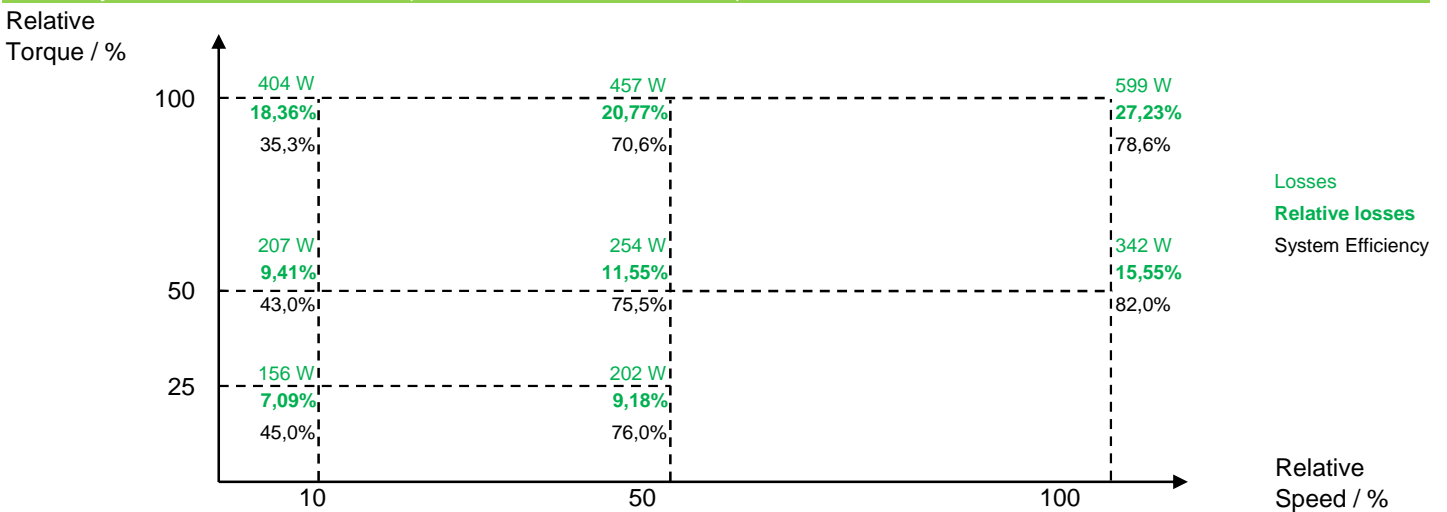


Efficiency data for the Drive

Standby losses : 14 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630U30M3**

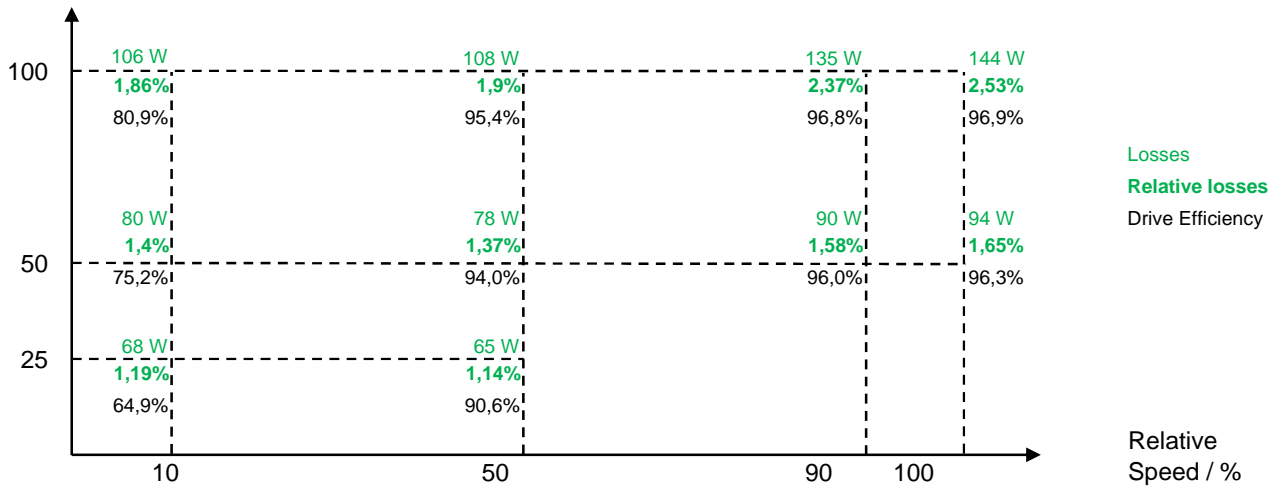


Series : Altivar Process ATV600
 Nominal voltage : 3x 240 VAC
 Nominal power : 3 kW / - HP
 Overload : Normal Duty
 Nominal current : 13,7 A
 Nominal apparent power : 5,7 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

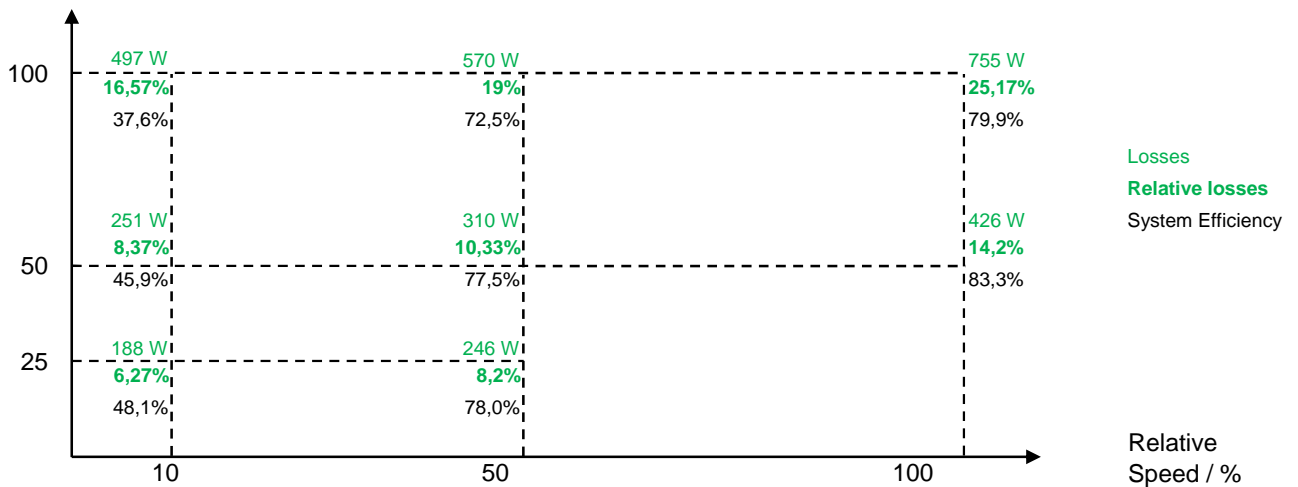
Standby losses : 14 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630U40M3**

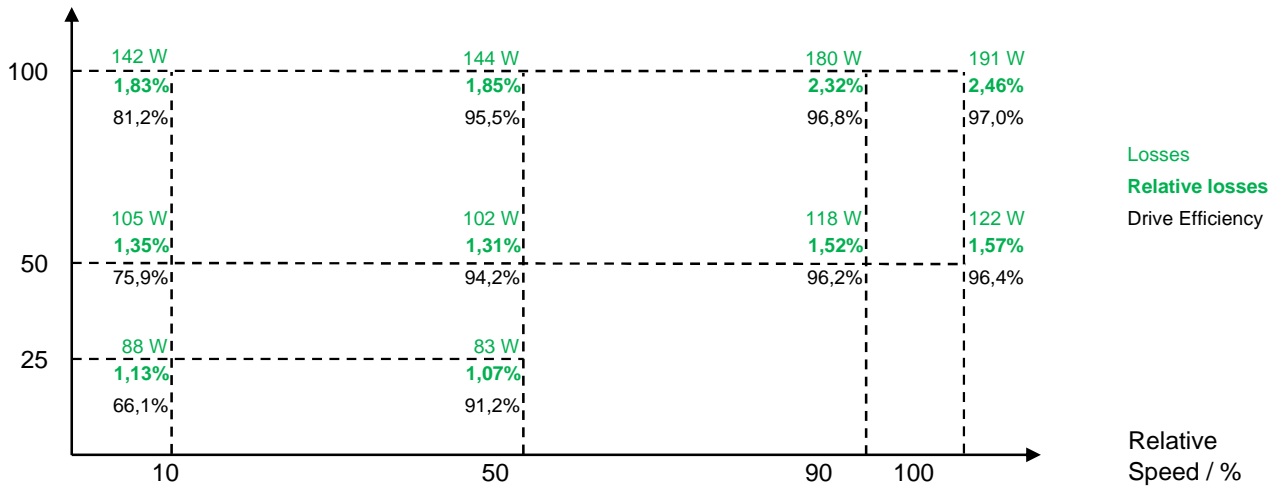
Series : Altivar Process ATV600
 Nominal voltage : 3x 240 VAC
 Nominal power : 4 kW / 5 HP
 Overload : Normal Duty
 Nominal current : 18,7 A
 Nominal apparent power : 7,8 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

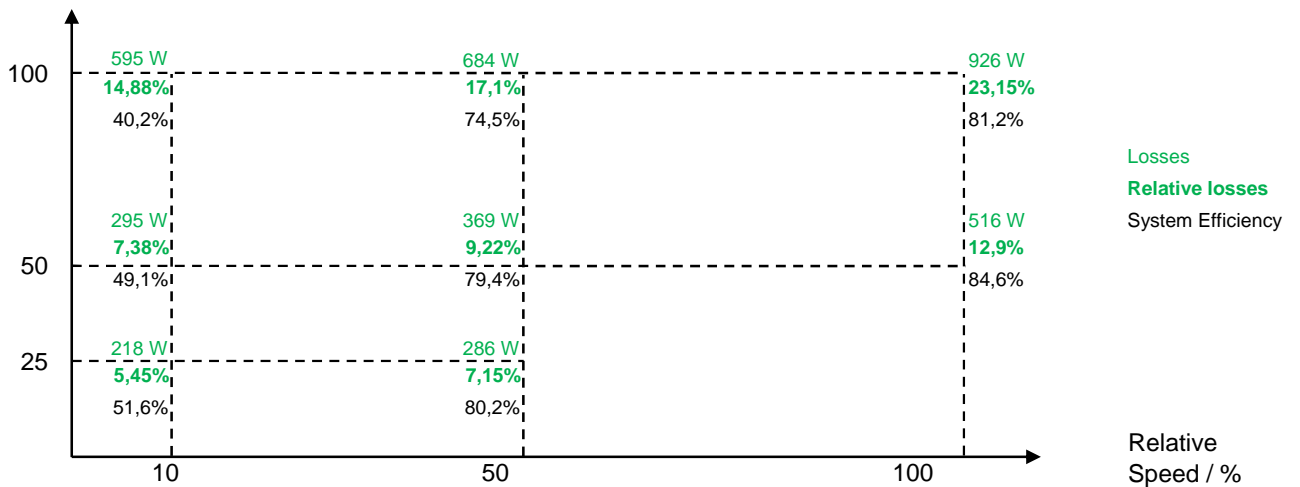
Standby losses : 14 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

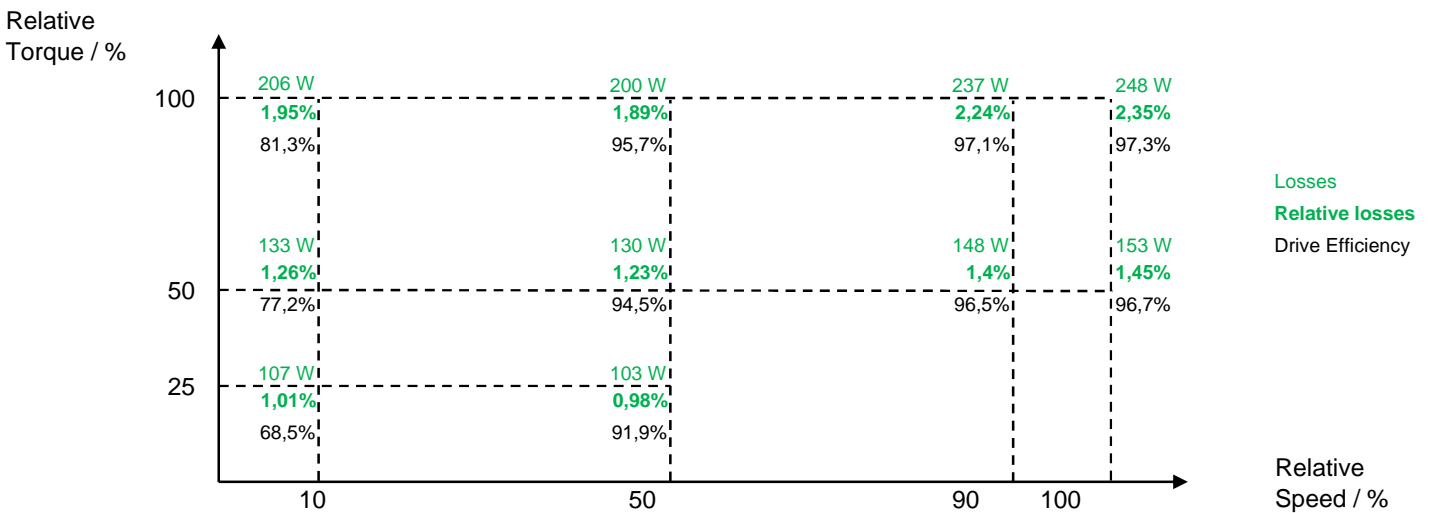
Reference : **ATV630U55M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 240 VAC
 Nominal power : 5,5 kW / 7,5 HP
 Overload : Normal Duty
 Nominal current : 25,4 A
 Nominal apparent power : 10,6 kVA
 Nominal frequency : 50 Hz

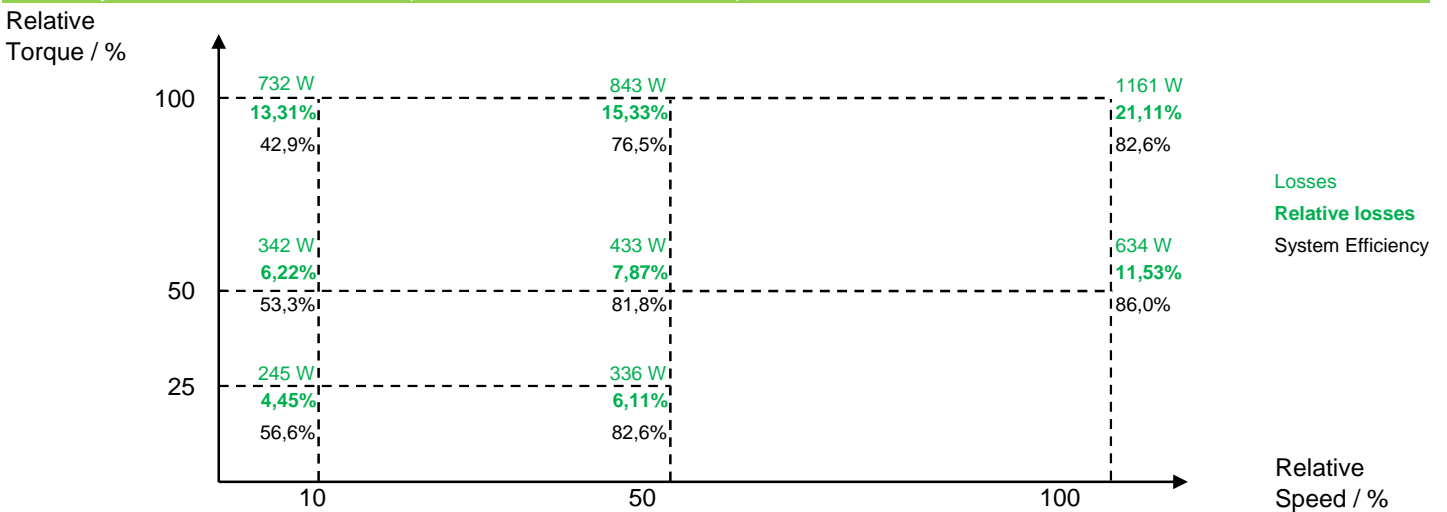


Efficiency data for the Drive

Standby losses : 17 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

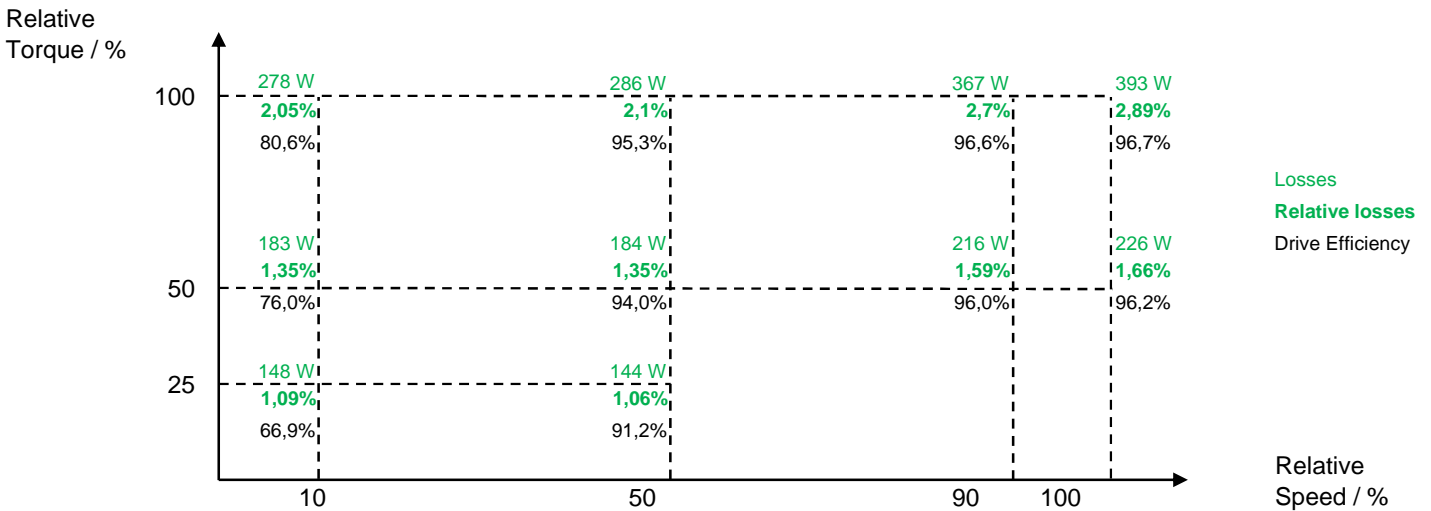
Reference : **ATV630U75M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 240 VAC
 Nominal power : 7,5 kW / 10 HP
 Overload : Normal Duty
 Nominal current : 32,7 A
 Nominal apparent power : 13,6 kVA
 Nominal frequency : 50 Hz

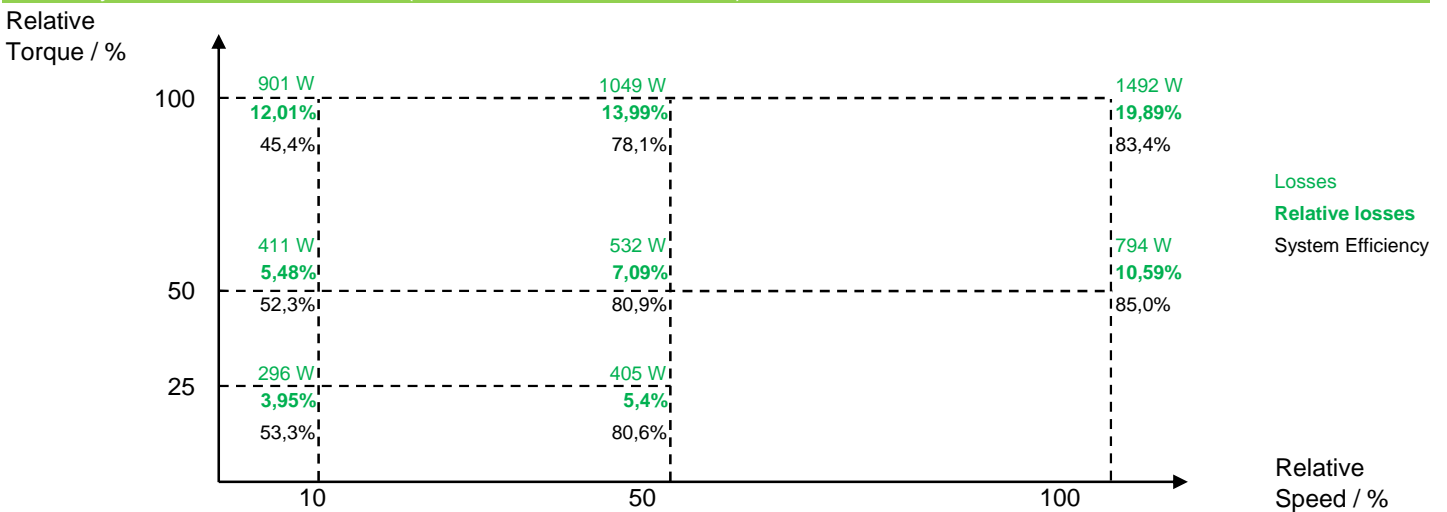


Efficiency data for the Drive

Standby losses : 22 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

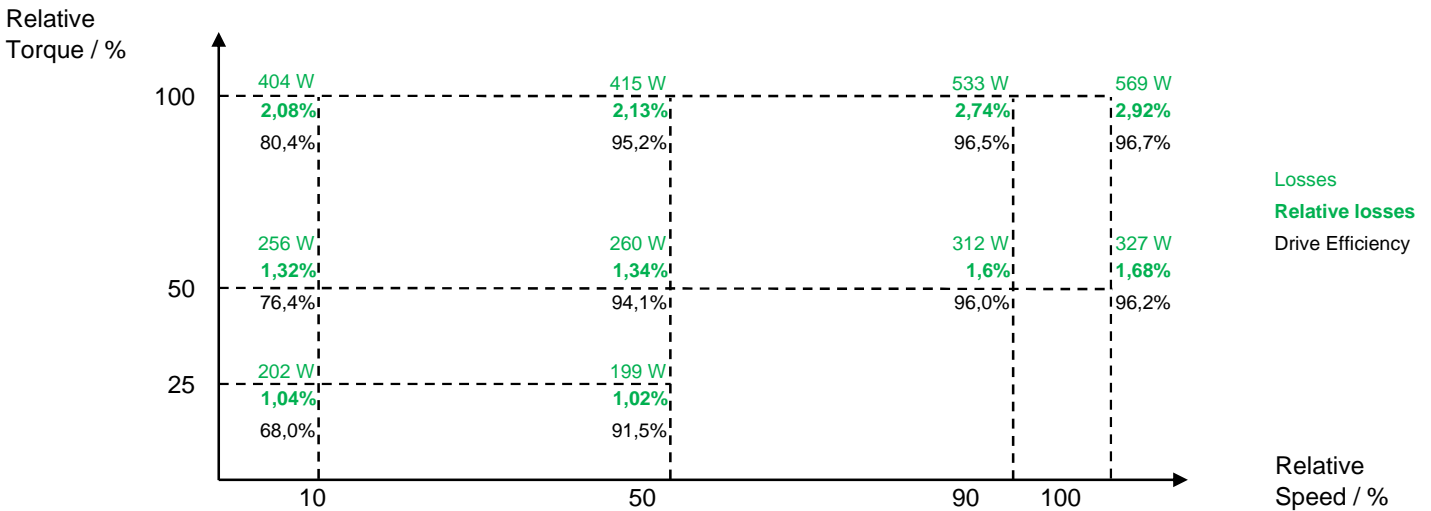
Reference : **ATV630D11M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 240 VAC
 Nominal power : 11 kW / 15 HP
 Overload : Normal Duty
 Nominal current : 46,8 A
 Nominal apparent power : 19,5 kVA
 Nominal frequency : 50 Hz

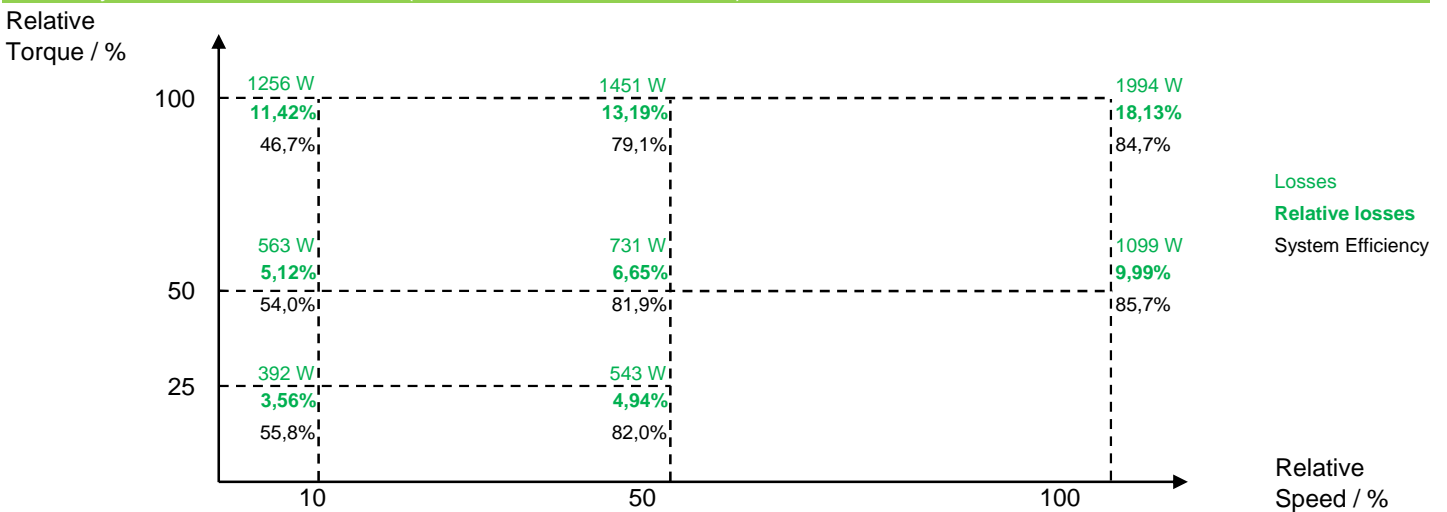


Efficiency data for the Drive

Standby losses : 22 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

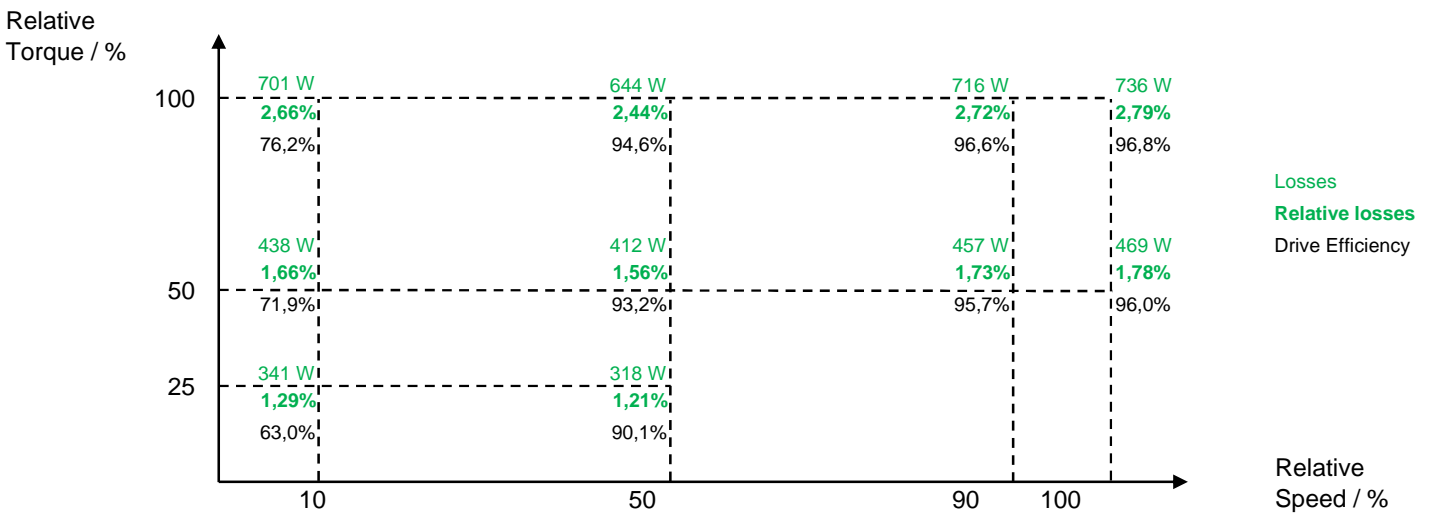
Reference : **ATV630D15M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 240 VAC
 Nominal power : 15 kW / 20 HP
 Overload : Normal Duty
 Nominal current : 63,4 A
 Nominal apparent power : 26,4 kVA
 Nominal frequency : 50 Hz

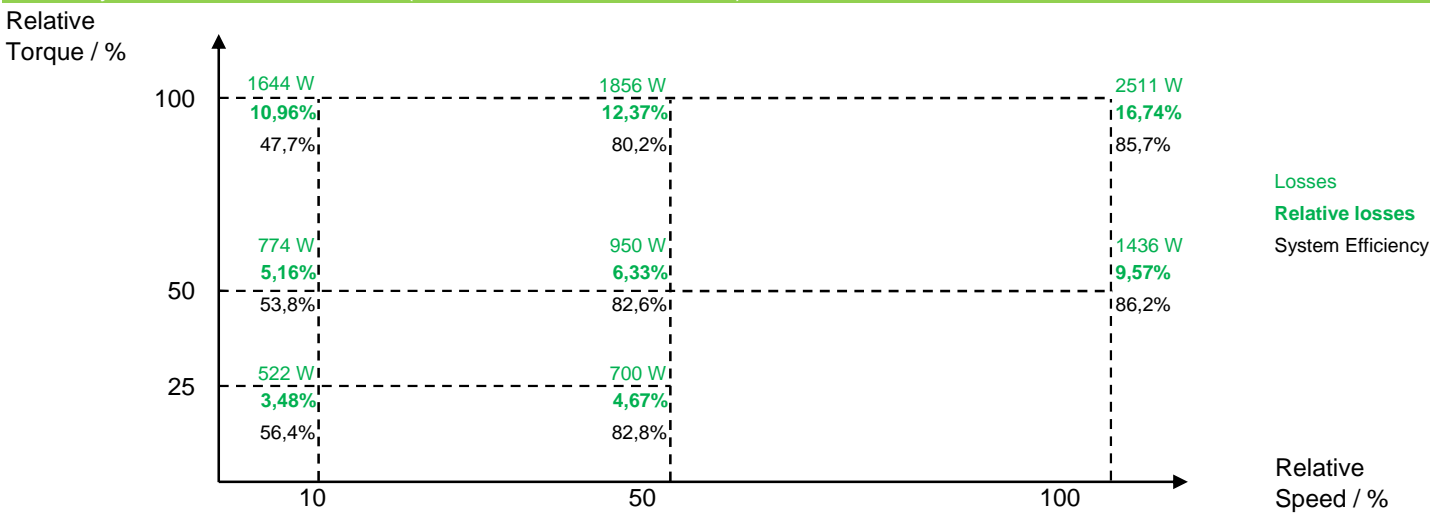


Efficiency data for the Drive

Standby losses : 30 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

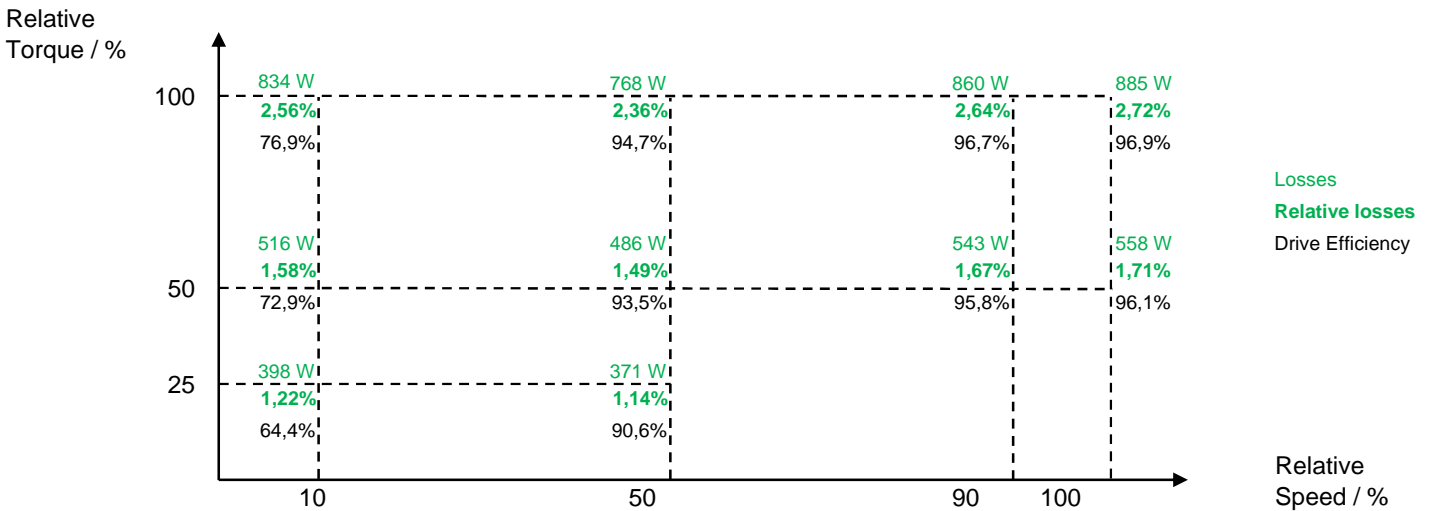
Reference : **ATV630D18M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 240 VAC
 Nominal power : 18,5 kW / 25 HP
 Overload : Normal Duty
 Nominal current : 78,4 A
 Nominal apparent power : 32,6 kVA
 Nominal frequency : 50 Hz

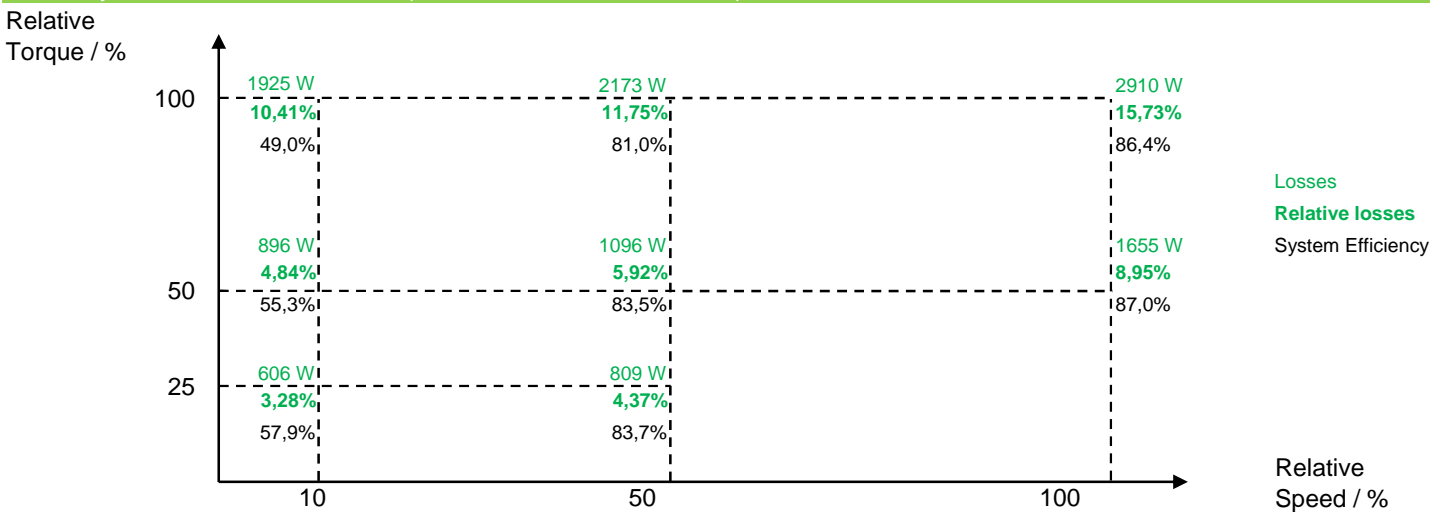


Efficiency data for the Drive

Standby losses : 30 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

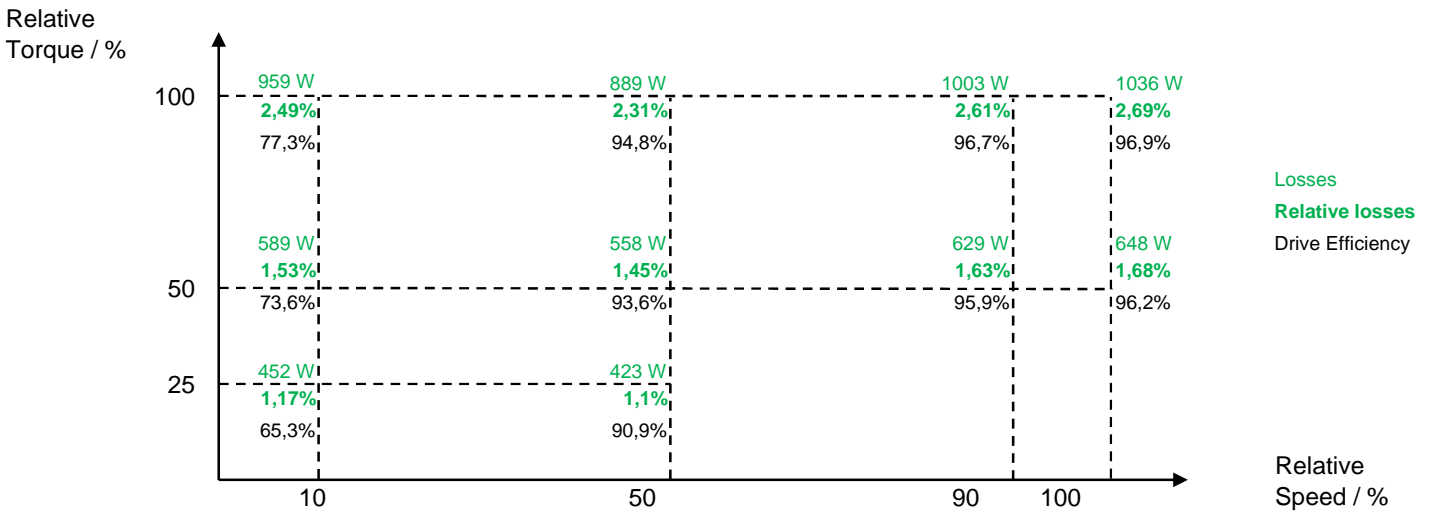
Reference : **ATV630D22M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 240 VAC
 Nominal power : 22 kW / 30 HP
 Overload : Normal Duty
 Nominal current : 92,6 A
 Nominal apparent power : 38,5 kVA
 Nominal frequency : 50 Hz

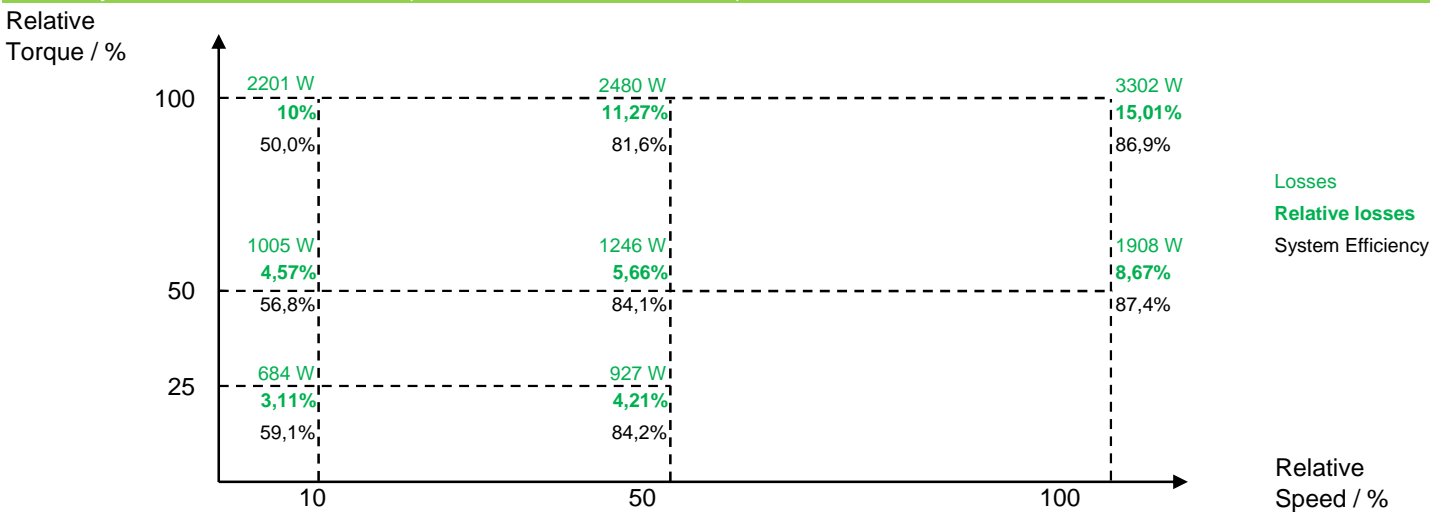


Efficiency data for the Drive

Standby losses : 30 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630D30M3**

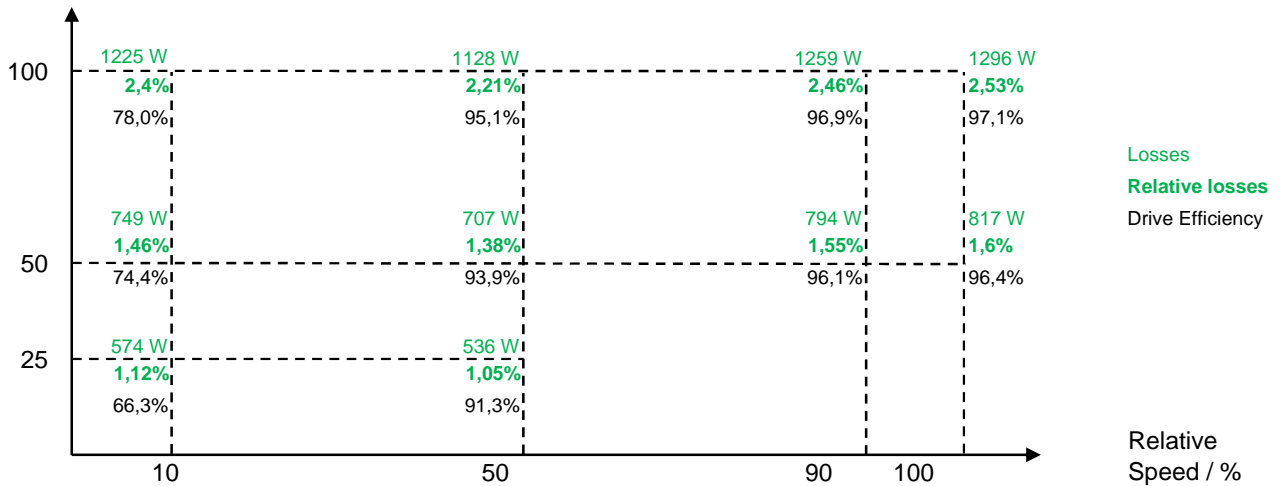
Series : Altivar Process ATV600
 Nominal voltage : 3x 240 VAC
 Nominal power : 30 kW / 40 HP
 Overload : Normal Duty
 Nominal current : 123 A
 Nominal apparent power : 51,1 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

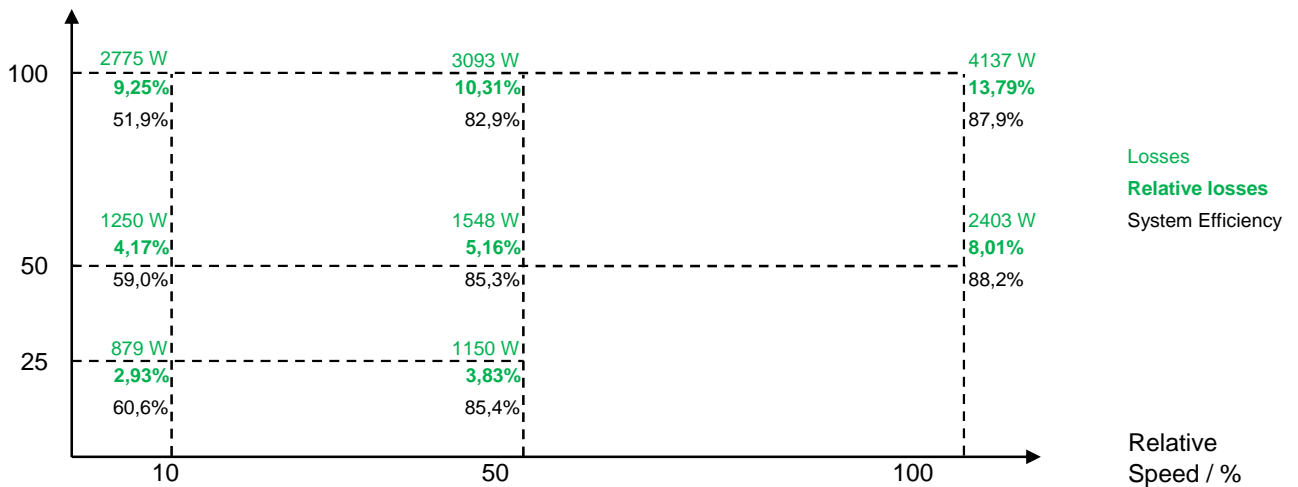
Standby losses : 34 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

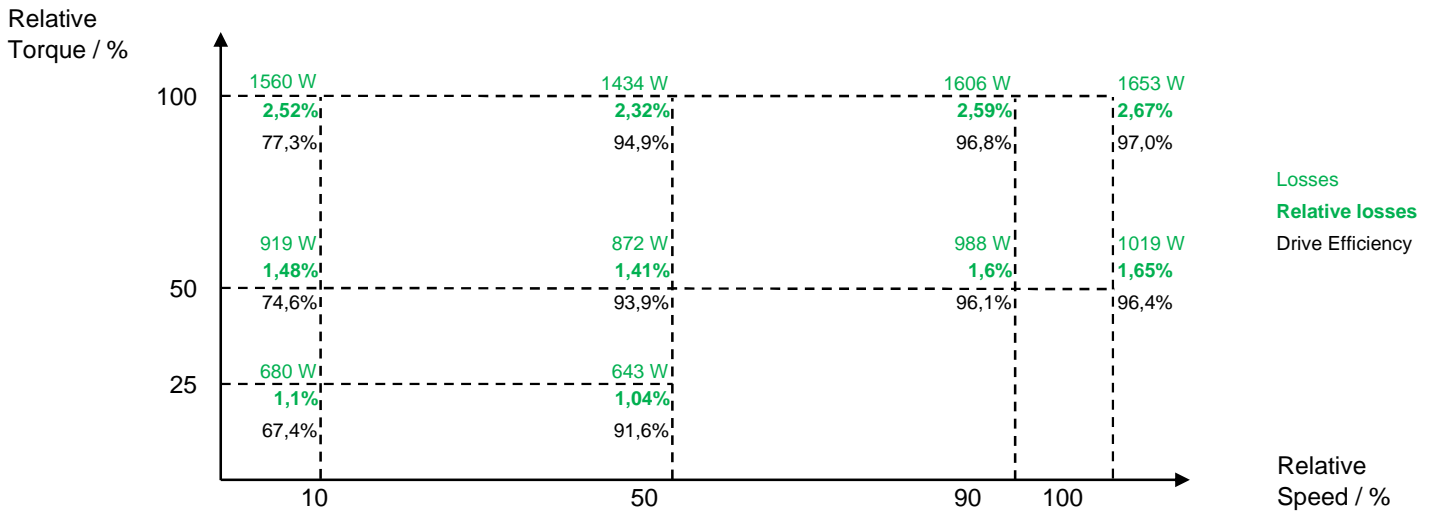
Reference : **ATV630D37M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 240 VAC
 Nominal power : 37 kW / 50 HP
 Overload : Normal Duty
 Nominal current : 149 A
 Nominal apparent power : 61,9 kVA
 Nominal frequency : 50 Hz

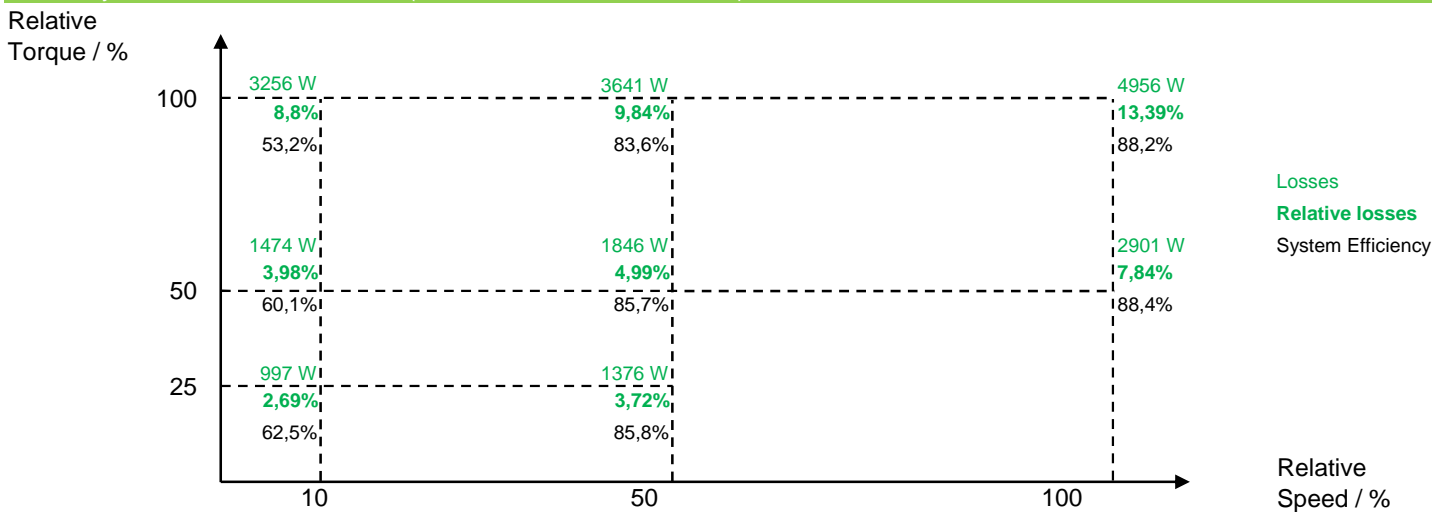


Efficiency data for the Drive

Standby losses : 34 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

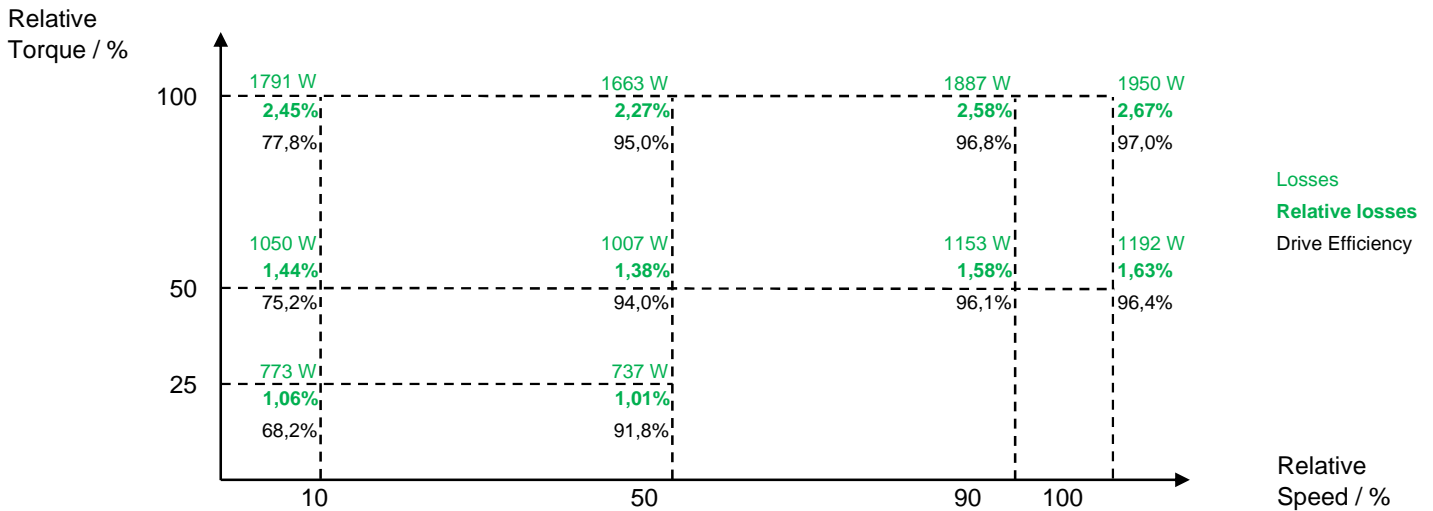
Reference : **ATV630D45M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 240 VAC
 Nominal power : 45 kW / 60 HP
 Overload : Normal Duty
 Nominal current : 176 A
 Nominal apparent power : 73,2 kVA
 Nominal frequency : 50 Hz

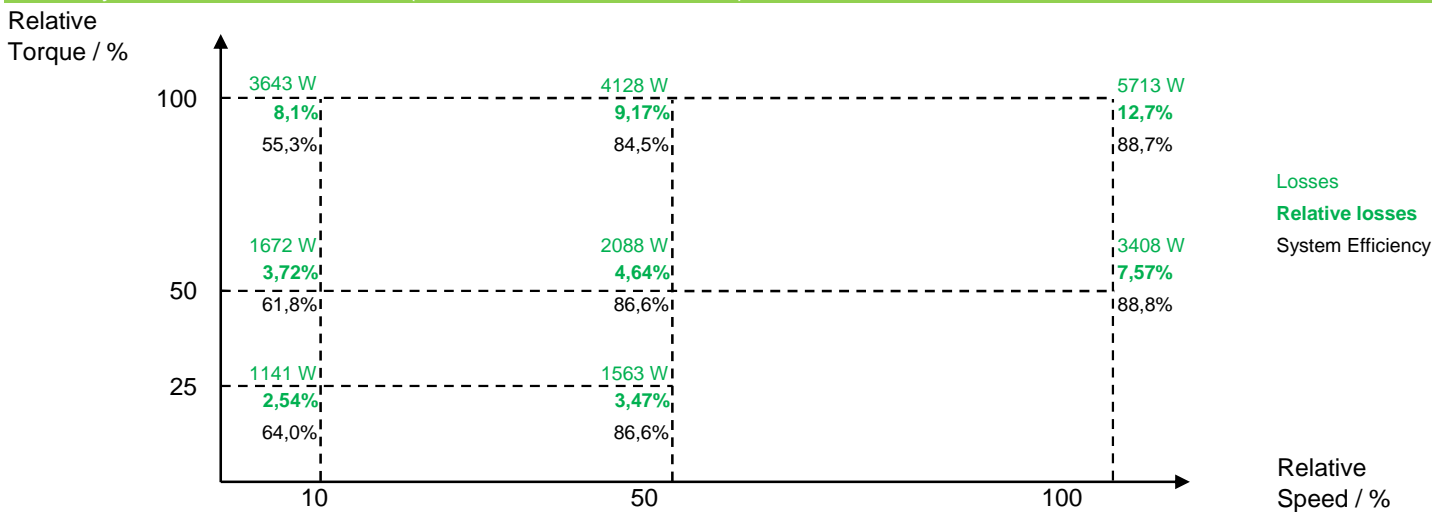


Efficiency data for the Drive

Standby losses : 34 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

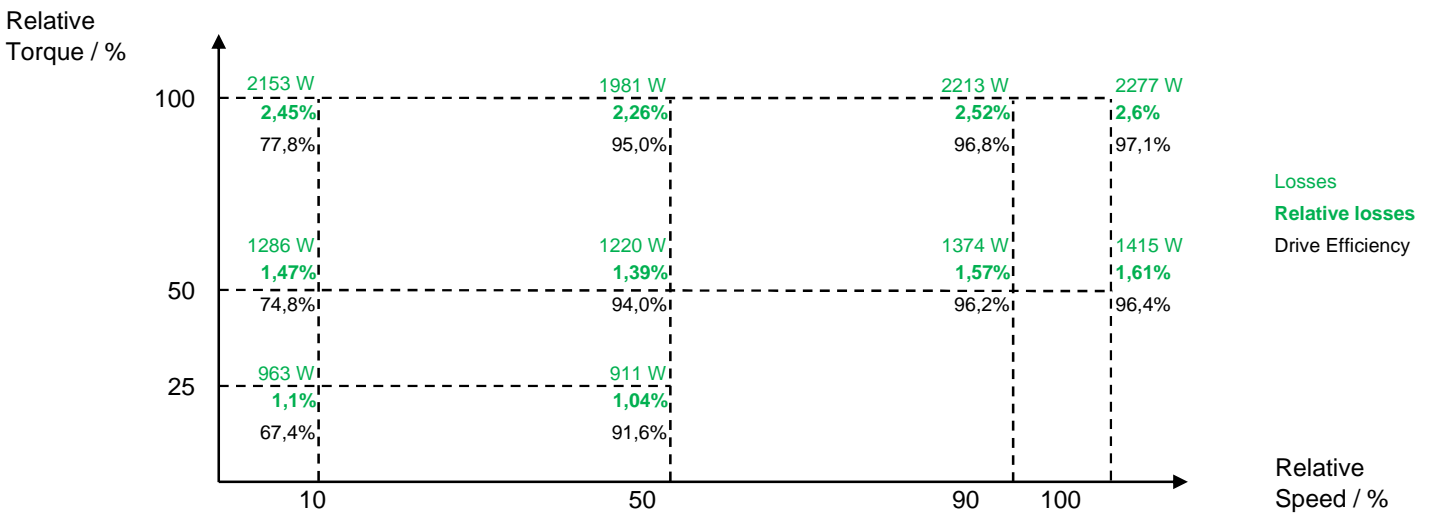
Reference : **ATV630D55M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 240 VAC
 Nominal power : 55 kW / 75 HP
 Overload : Normal Duty
 Nominal current : 211 A
 Nominal apparent power : 87,7 kVA
 Nominal frequency : 50 Hz

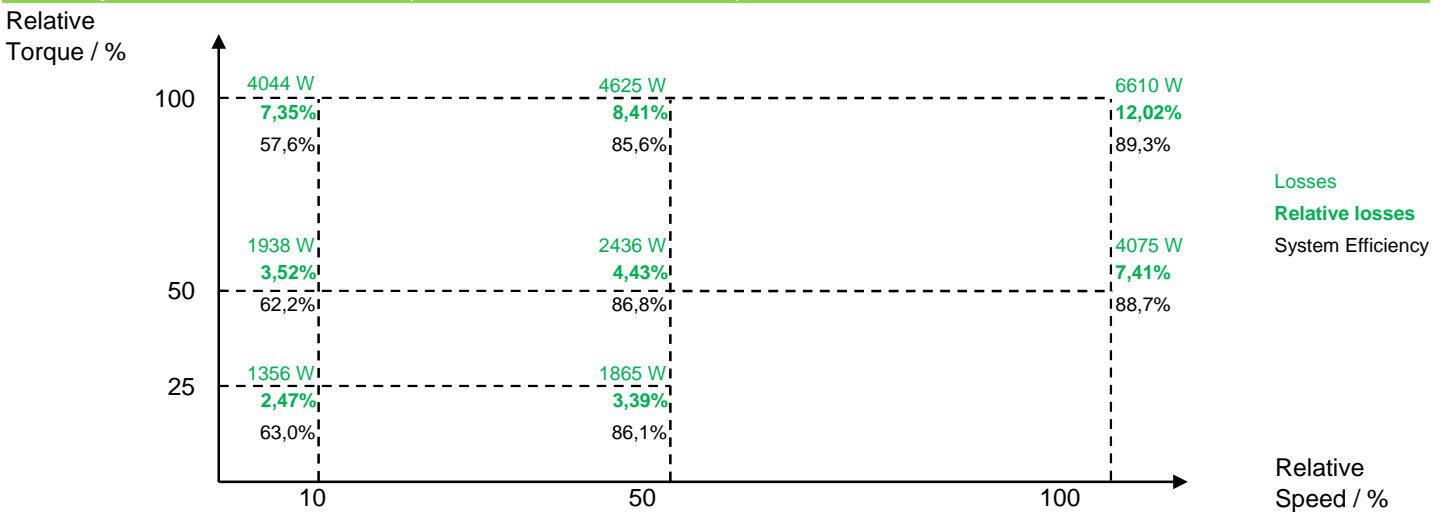


Efficiency data for the Drive

Standby losses : 59 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

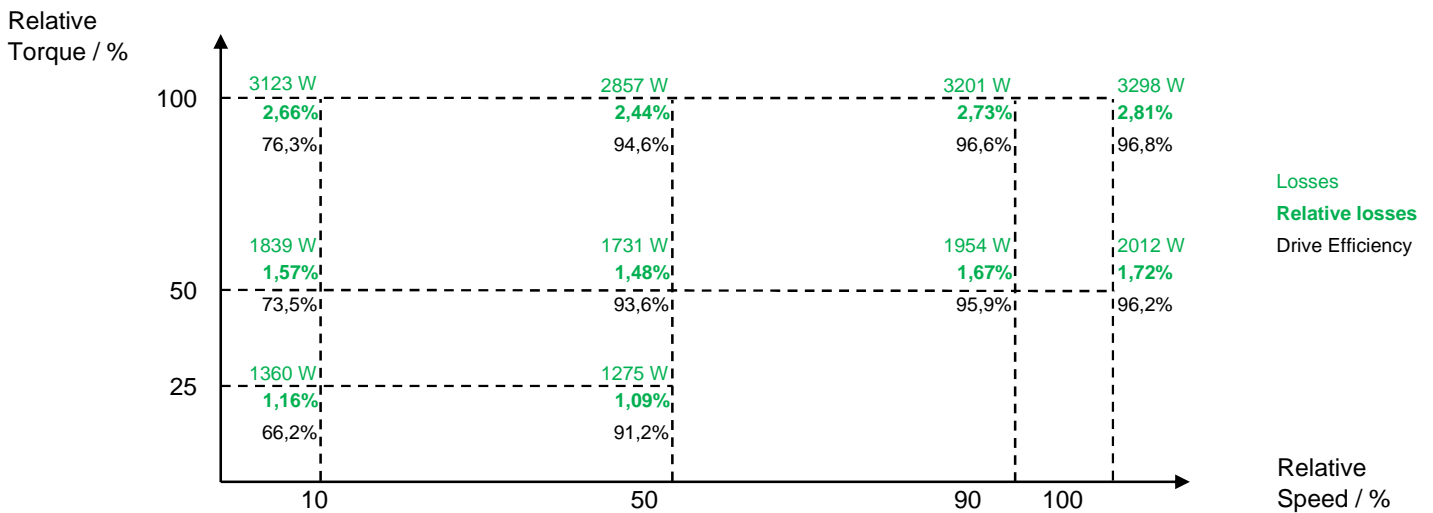
Reference : **ATV630D75M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 240 VAC
 Nominal power : 75 kW / 100 HP
 Overload : Normal Duty
 Nominal current : 282 A
 Nominal apparent power : 117,2 kVA
 Nominal frequency : 50 Hz

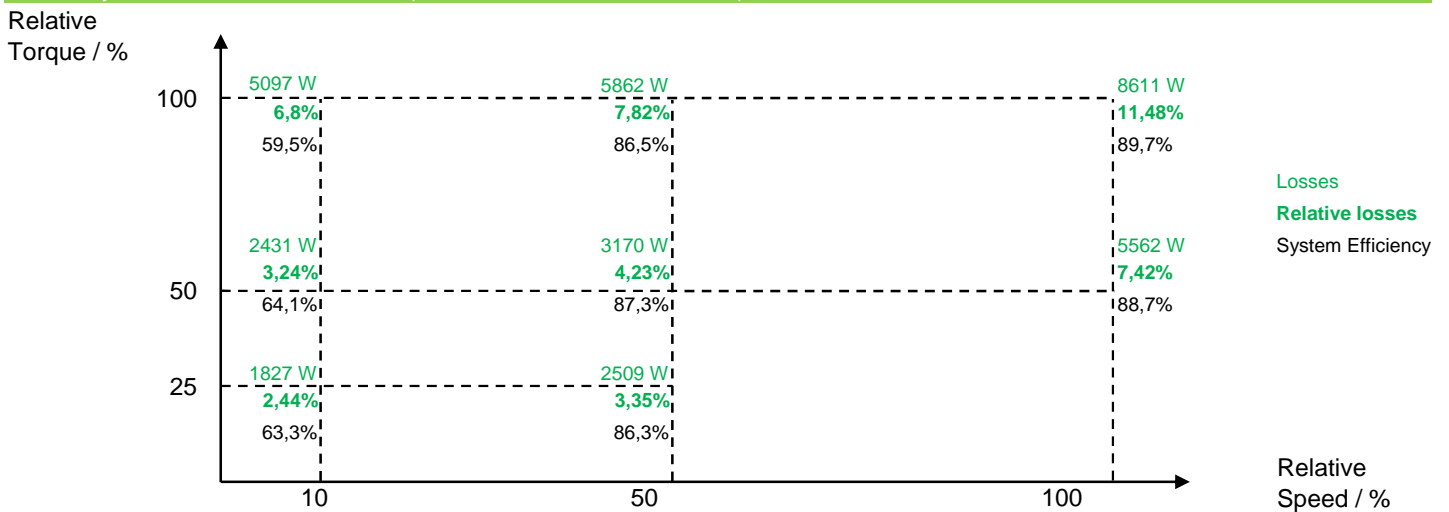


Efficiency data for the Drive

Standby losses : 59 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

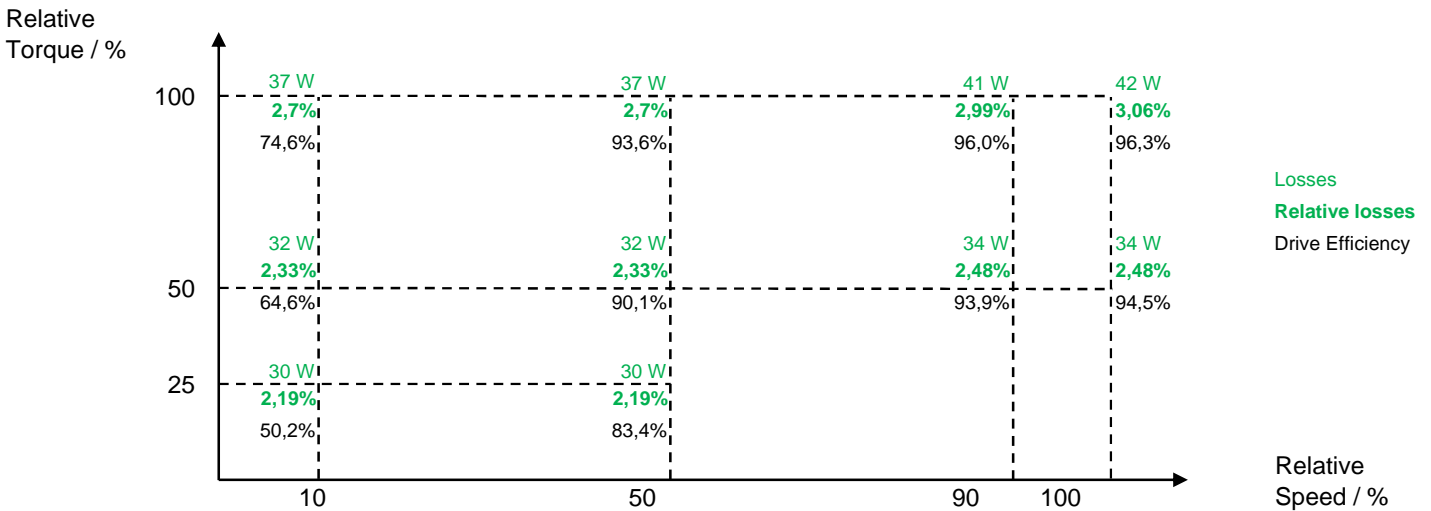
Reference : **ATV630U07M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 240 VAC
 Nominal power : 0,37 kW / 0,5 HP
 Overload : Heavy Duty
 Nominal current : 3,3 A
 Nominal apparent power : 1,4 kVA
 Nominal frequency : 50 Hz

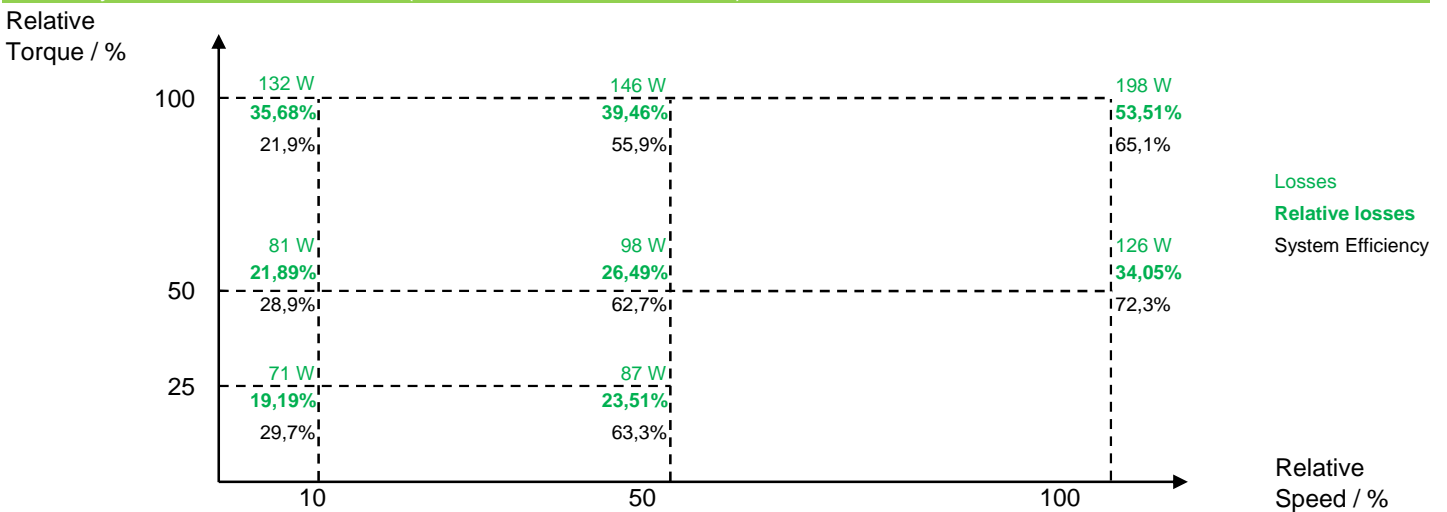


Efficiency data for the Drive

Standby losses : 14 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

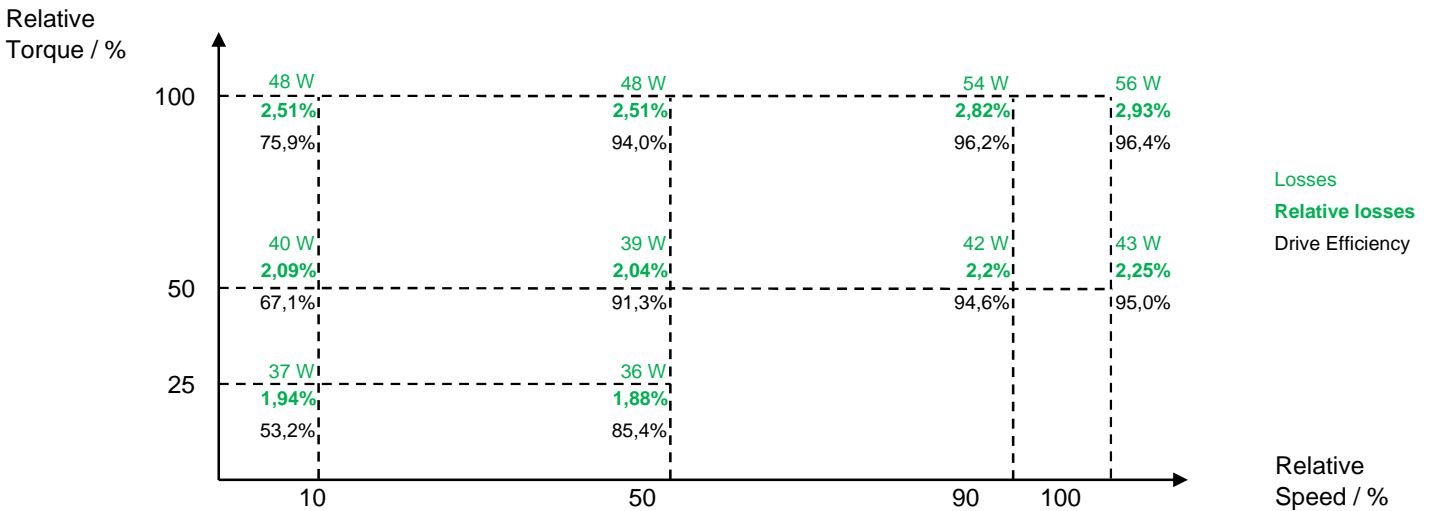
Reference : **ATV630U15M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 240 VAC
 Nominal power : 0,75 kW / 1 HP
 Overload : Heavy Duty
 Nominal current : 4,6 A
 Nominal apparent power : 1,9 kVA
 Nominal frequency : 50 Hz

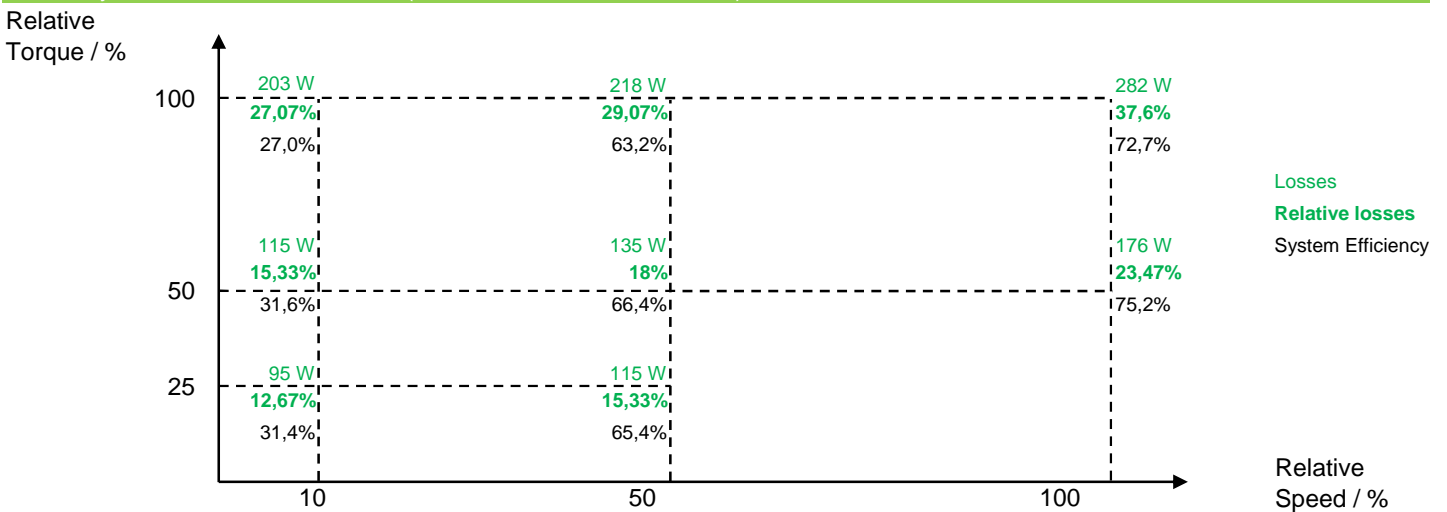


Efficiency data for the Drive

Standby losses : 14 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

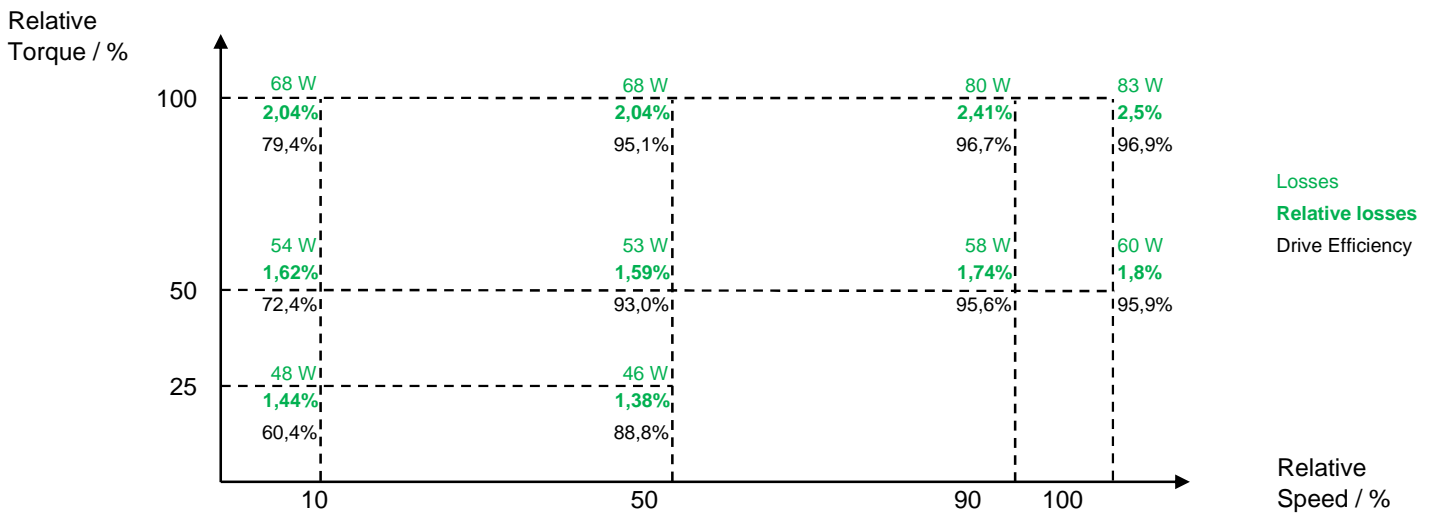
Reference : **ATV630U22M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 240 VAC
 Nominal power : 1,5 kW / 2 HP
 Overload : Heavy Duty
 Nominal current : 8 A
 Nominal apparent power : 3,3 kVA
 Nominal frequency : 50 Hz

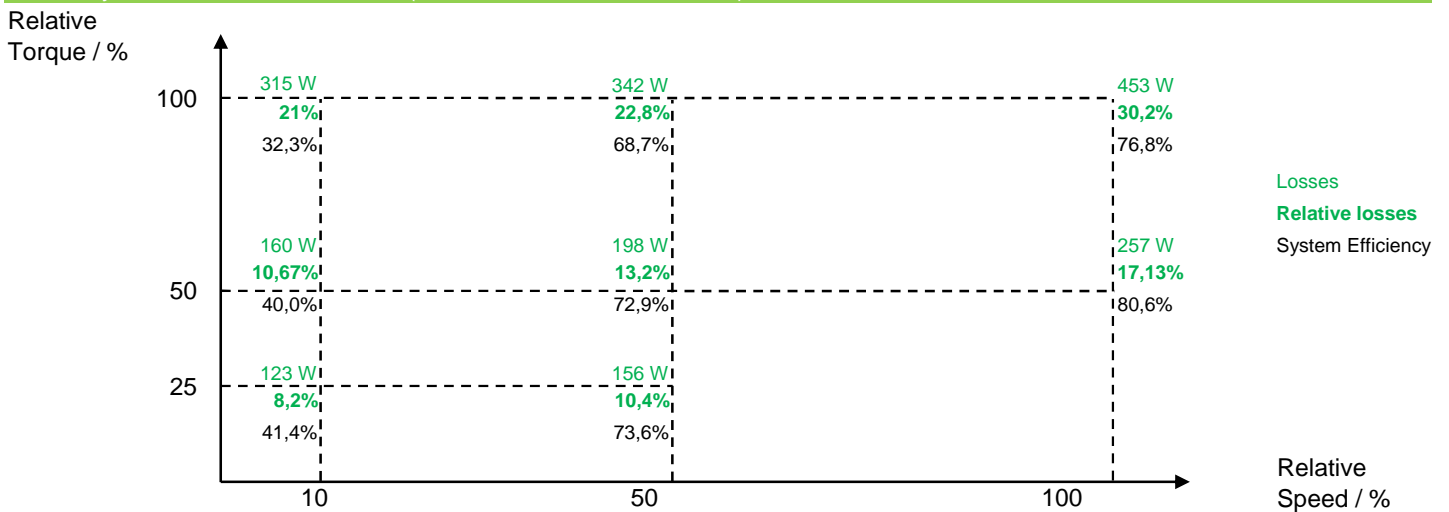


Efficiency data for the Drive

Standby losses : 14 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630U30M3**

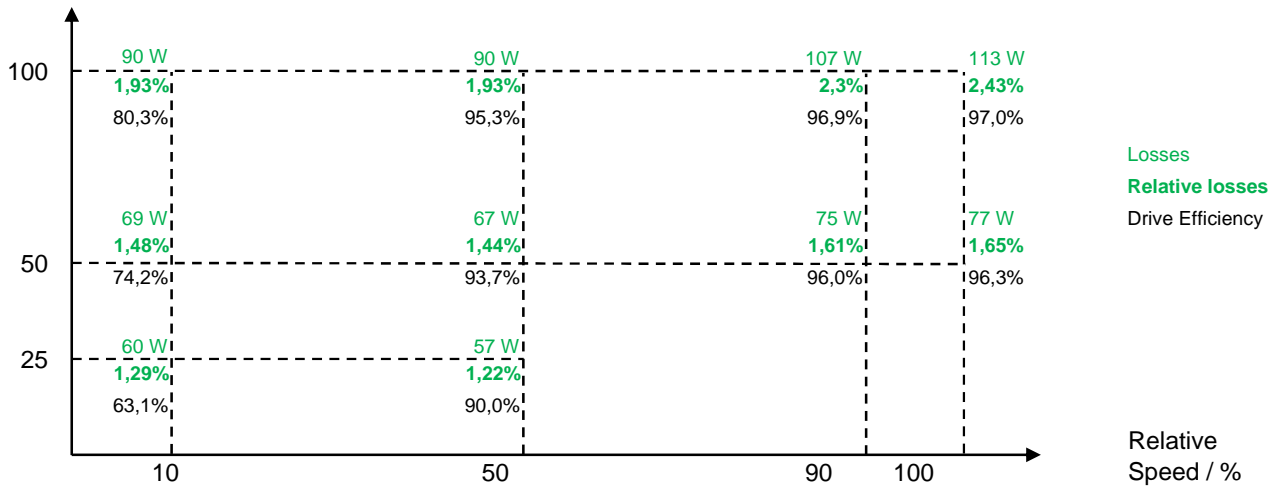
Series : Altivar Process ATV600
 Nominal voltage : 3x 240 VAC
 Nominal power : 2,2 kW / 3 HP
 Overload : Heavy Duty
 Nominal current : 11,2 A
 Nominal apparent power : 4,7 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

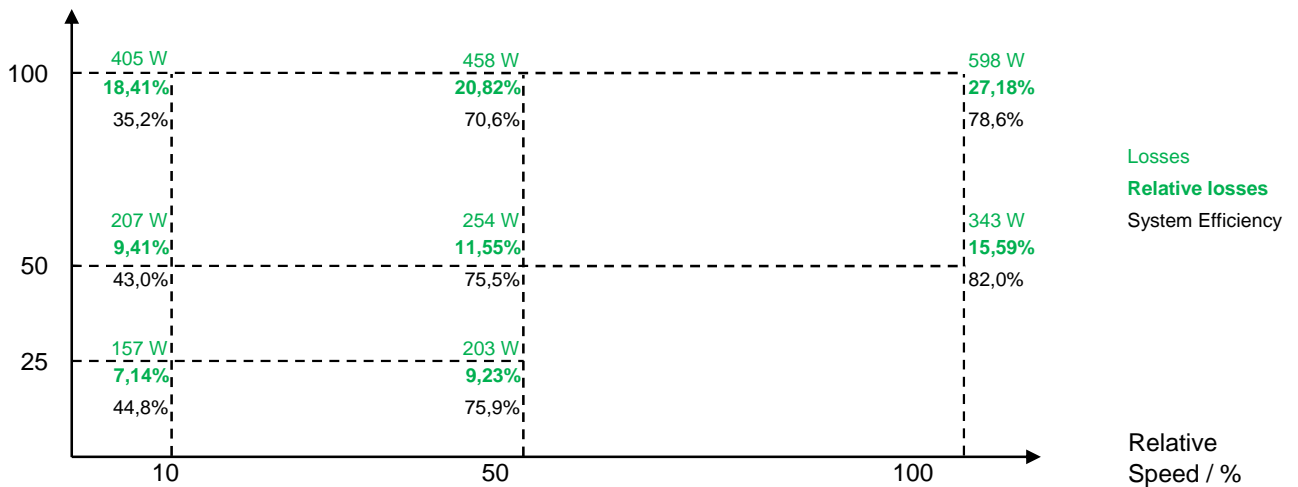
Standby losses : 14 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

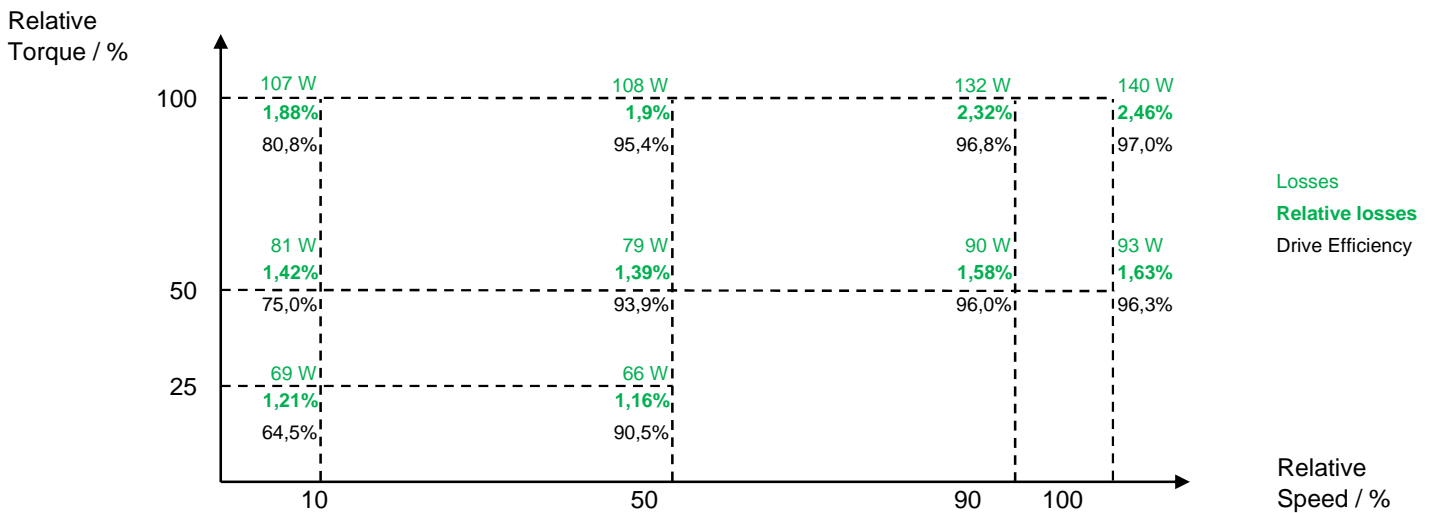
Reference : **ATV630U40M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 240 VAC
 Nominal power : 3 kW / - HP
 Overload : Heavy Duty
 Nominal current : 13,7 A
 Nominal apparent power : 5,7 kVA
 Nominal frequency : 50 Hz

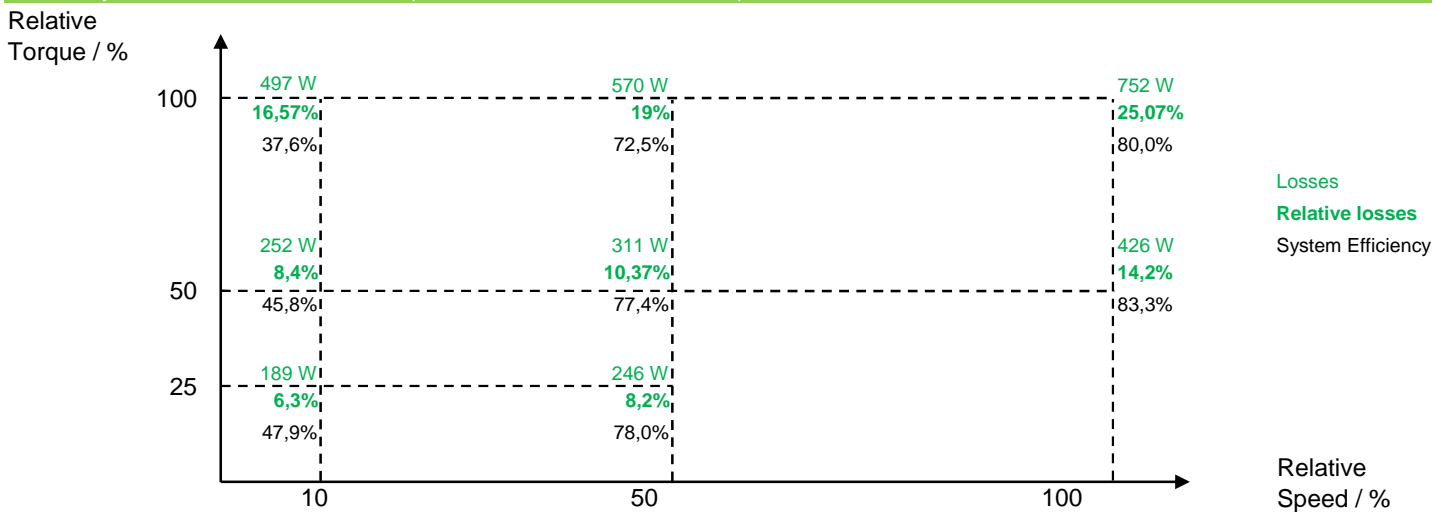


Efficiency data for the Drive

Standby losses : 14 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

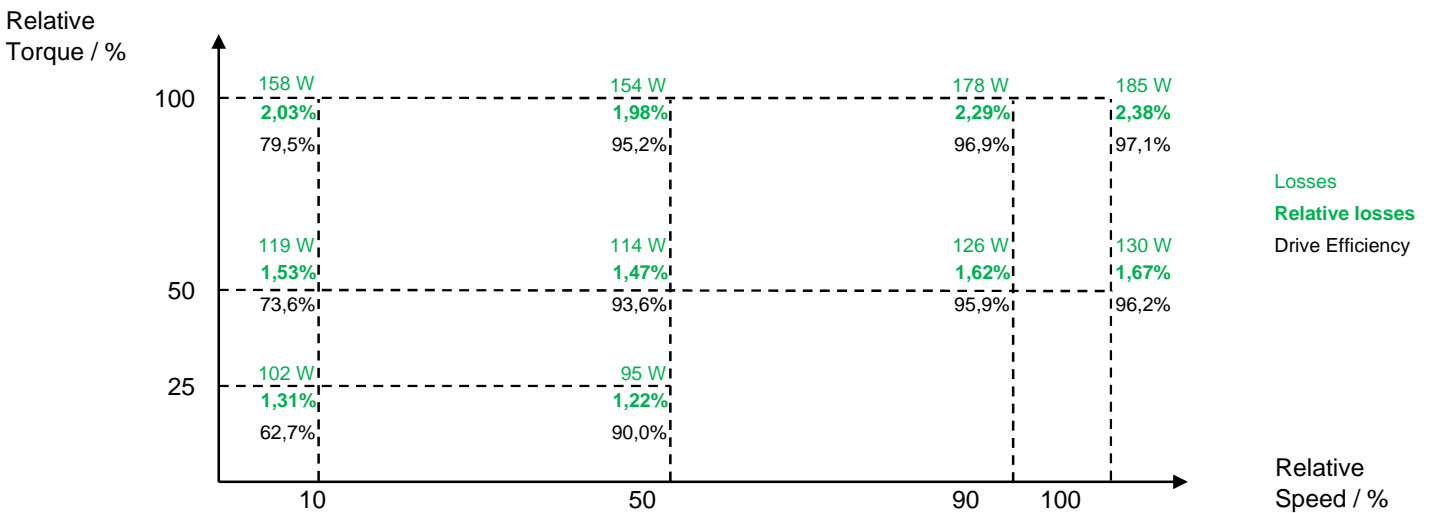
Reference : **ATV630U55M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 240 VAC
 Nominal power : 4 kW / 5 HP
 Overload : Heavy Duty
 Nominal current : 18,7 A
 Nominal apparent power : 7,8 kVA
 Nominal frequency : 50 Hz

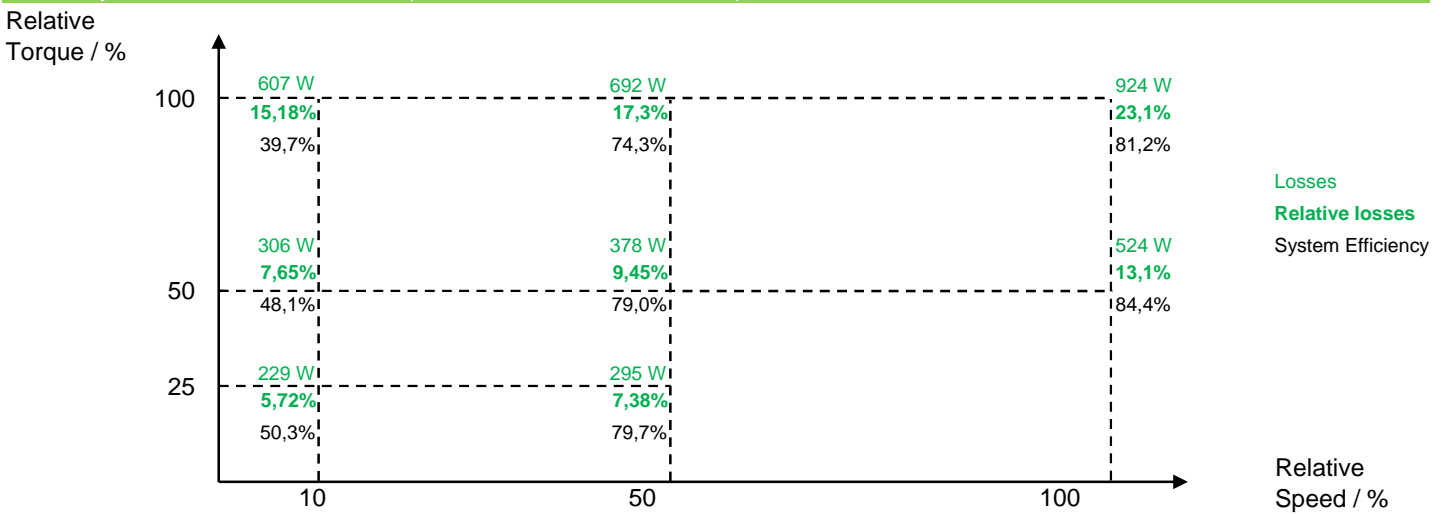


Efficiency data for the Drive

Standby losses : 17 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630U75M3**

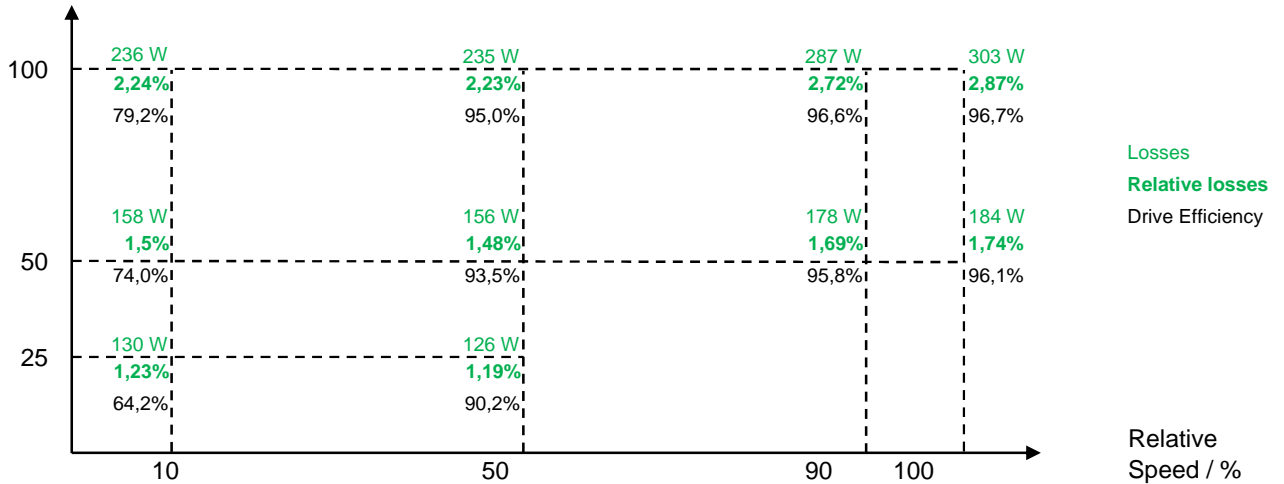
Series : Altivar Process ATV600
 Nominal voltage : 3x 240 VAC
 Nominal power : 5,5 kW / 7,5 HP
 Overload : Heavy Duty
 Nominal current : 25,4 A
 Nominal apparent power : 10,6 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

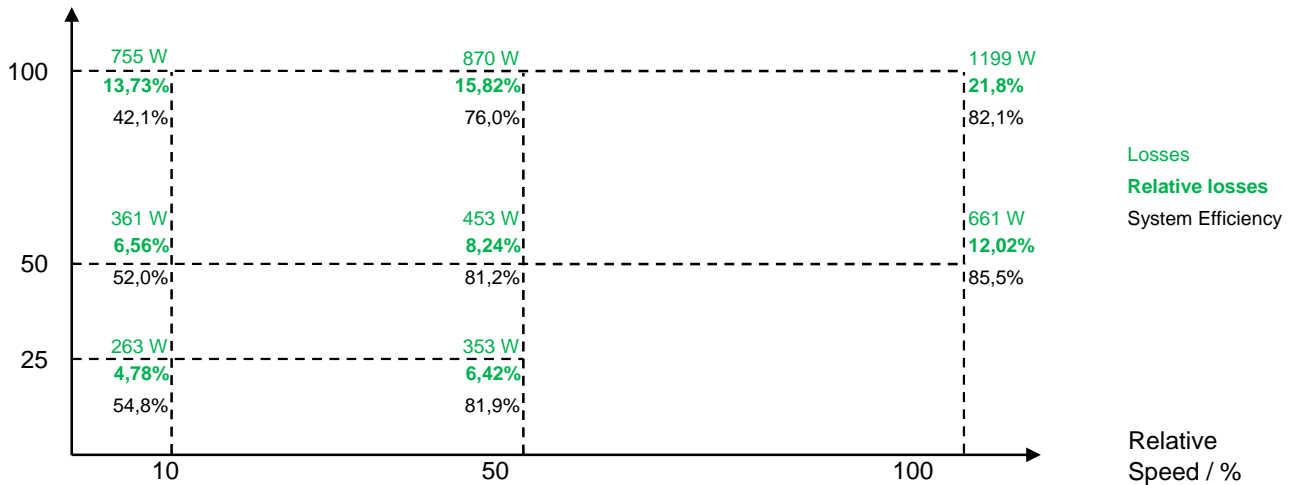
Standby losses : 22 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

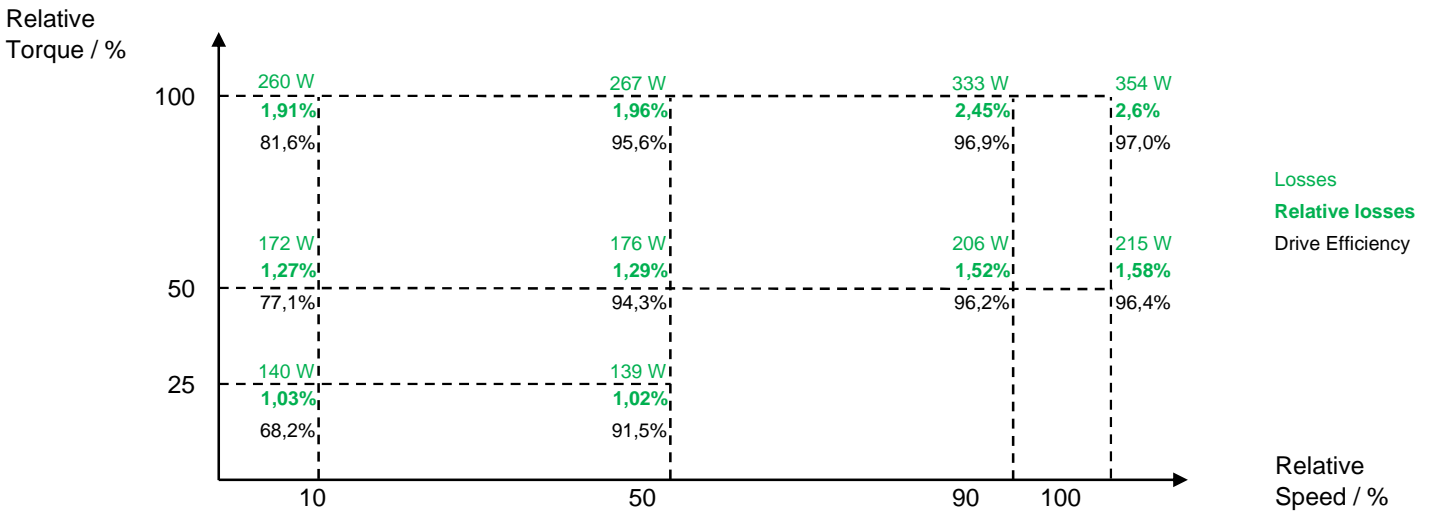
Reference : **ATV630D11M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 240 VAC
 Nominal power : 7,5 kW / 10 HP
 Overload : Heavy Duty
 Nominal current : 32,7 A
 Nominal apparent power : 13,6 kVA
 Nominal frequency : 50 Hz

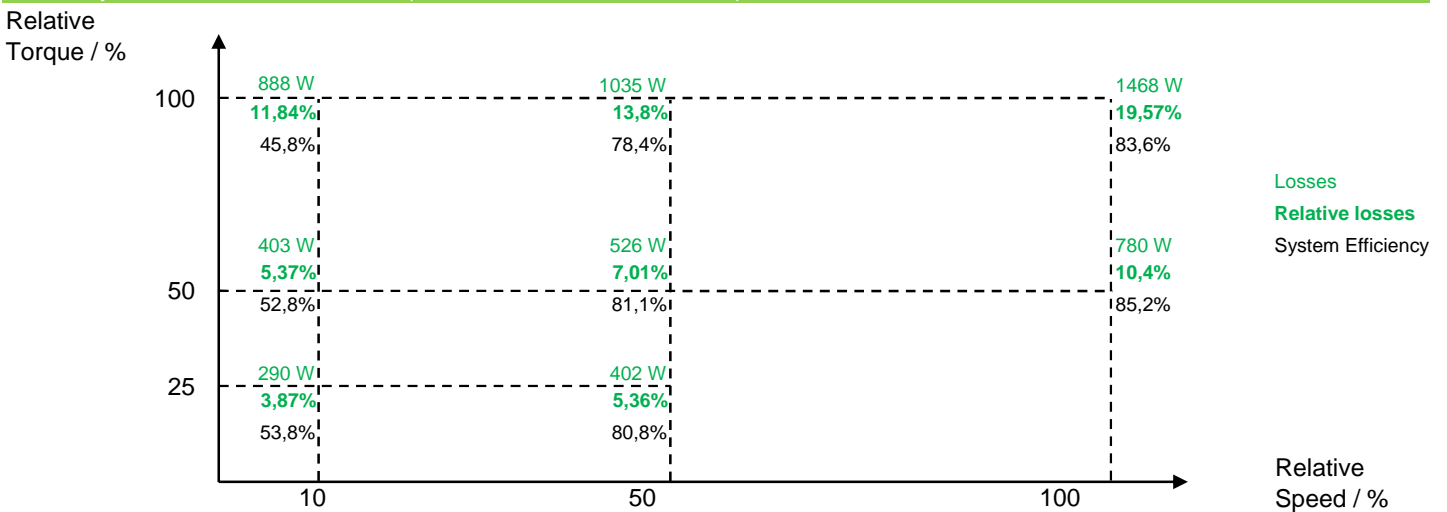


Efficiency data for the Drive

Standby losses : 22 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

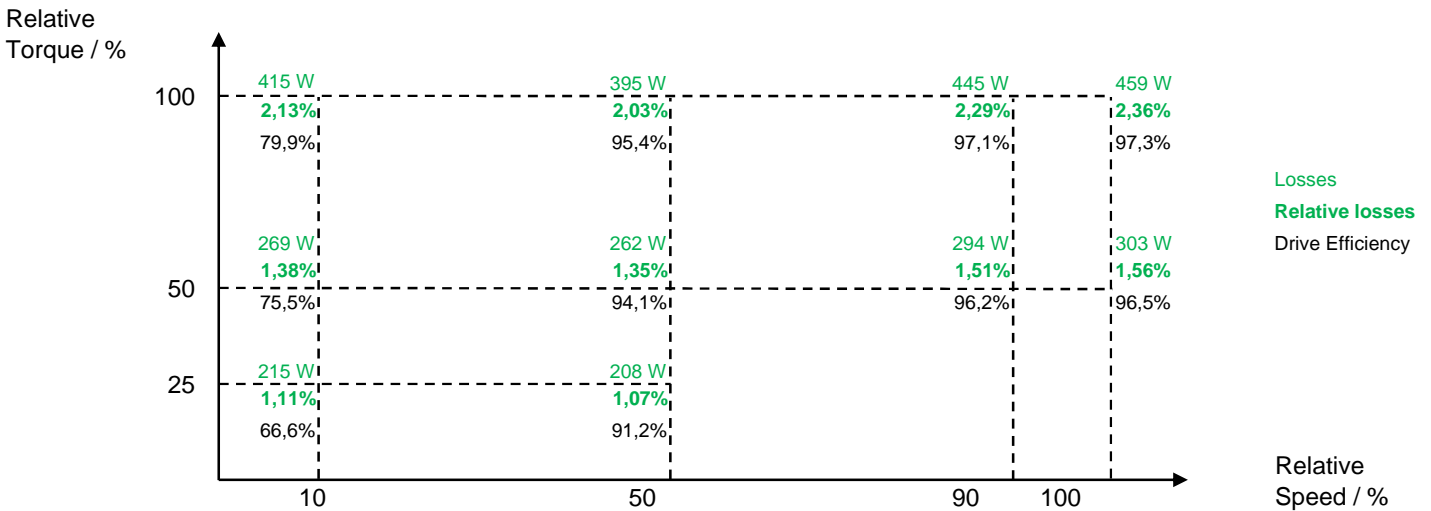
Reference : **ATV630D15M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 240 VAC
 Nominal power : 11 kW / 15 HP
 Overload : Heavy Duty
 Nominal current : 46,8 A
 Nominal apparent power : 19,5 kVA
 Nominal frequency : 50 Hz

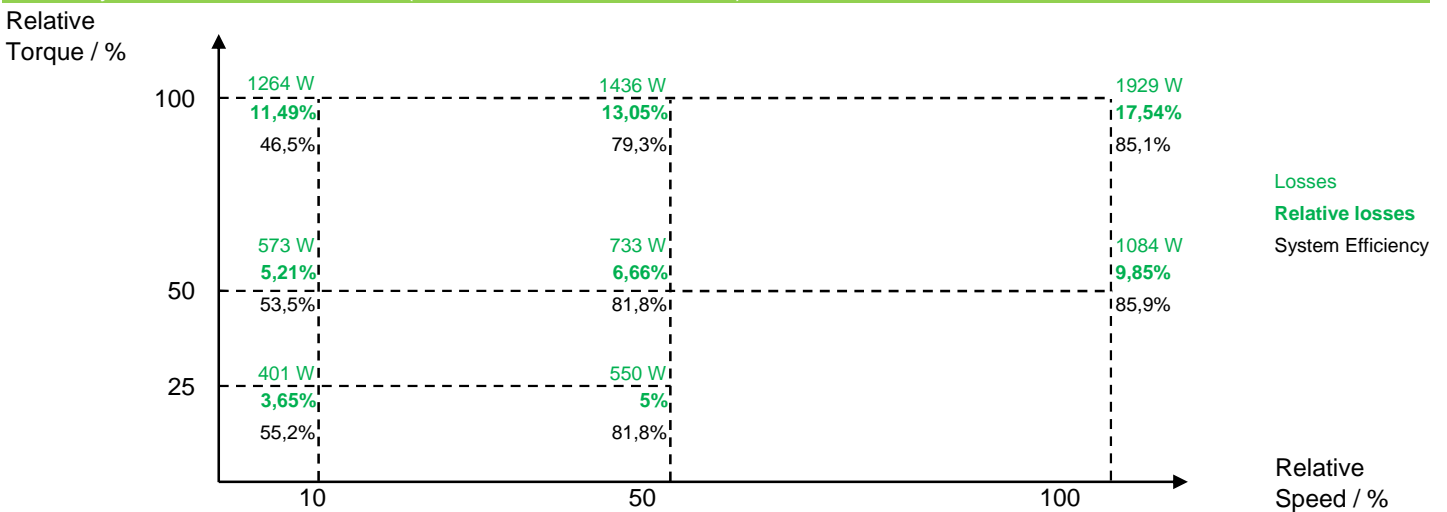


Efficiency data for the Drive

Standby losses : 30 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

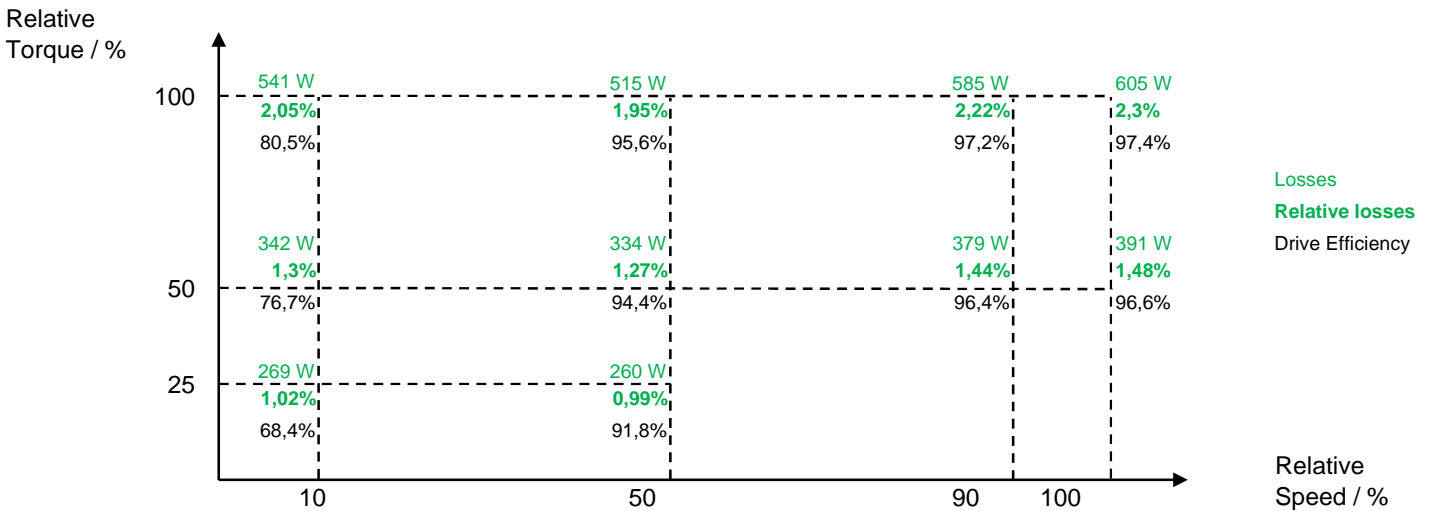
Reference : **ATV630D18M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 240 VAC
 Nominal power : 15 kW / 20 HP
 Overload : Heavy Duty
 Nominal current : 63,4 A
 Nominal apparent power : 26,4 kVA
 Nominal frequency : 50 Hz

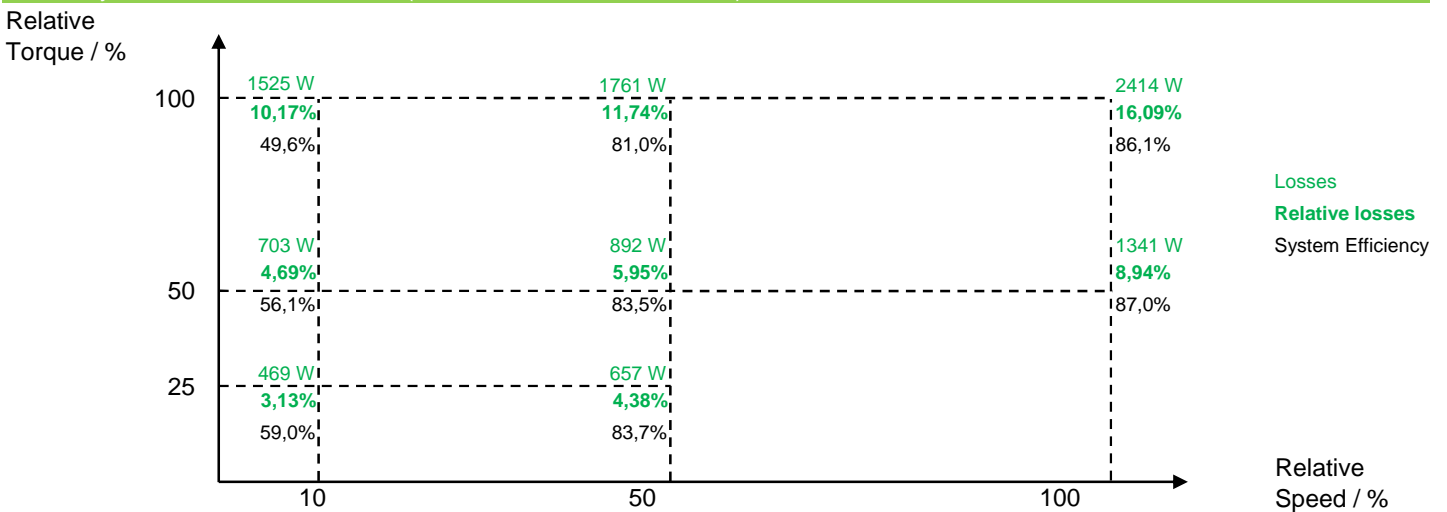


Efficiency data for the Drive

Standby losses : 30 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

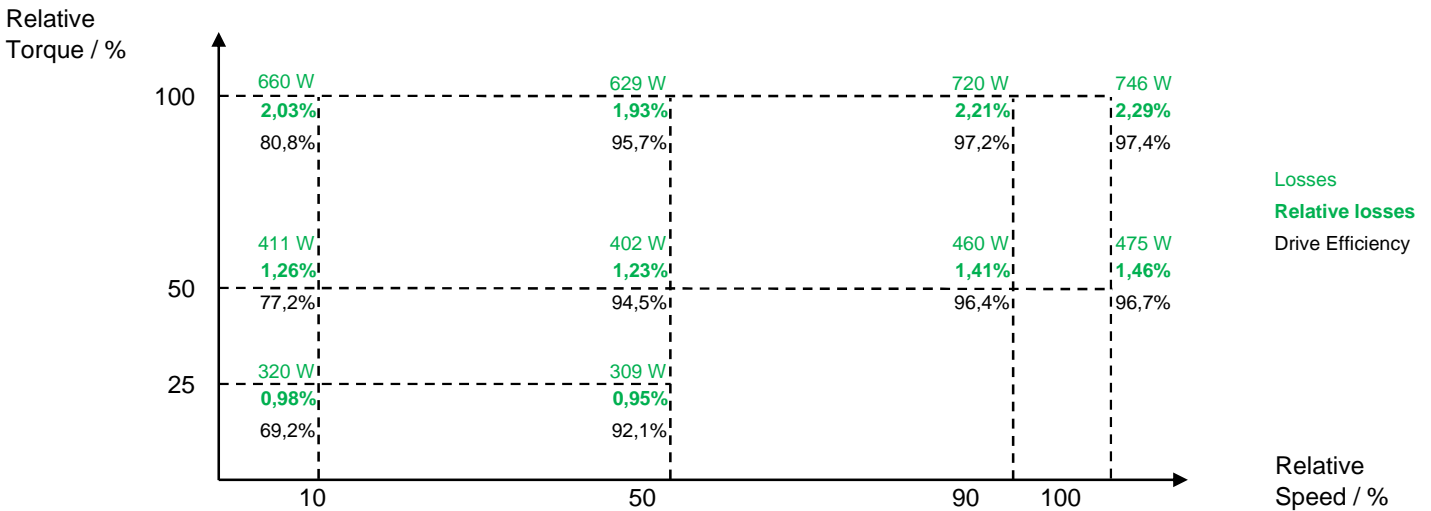
Reference : **ATV630D22M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 240 VAC
 Nominal power : 18,5 kW / 25 HP
 Overload : Heavy Duty
 Nominal current : 78,4 A
 Nominal apparent power : 32,6 kVA
 Nominal frequency : 50 Hz

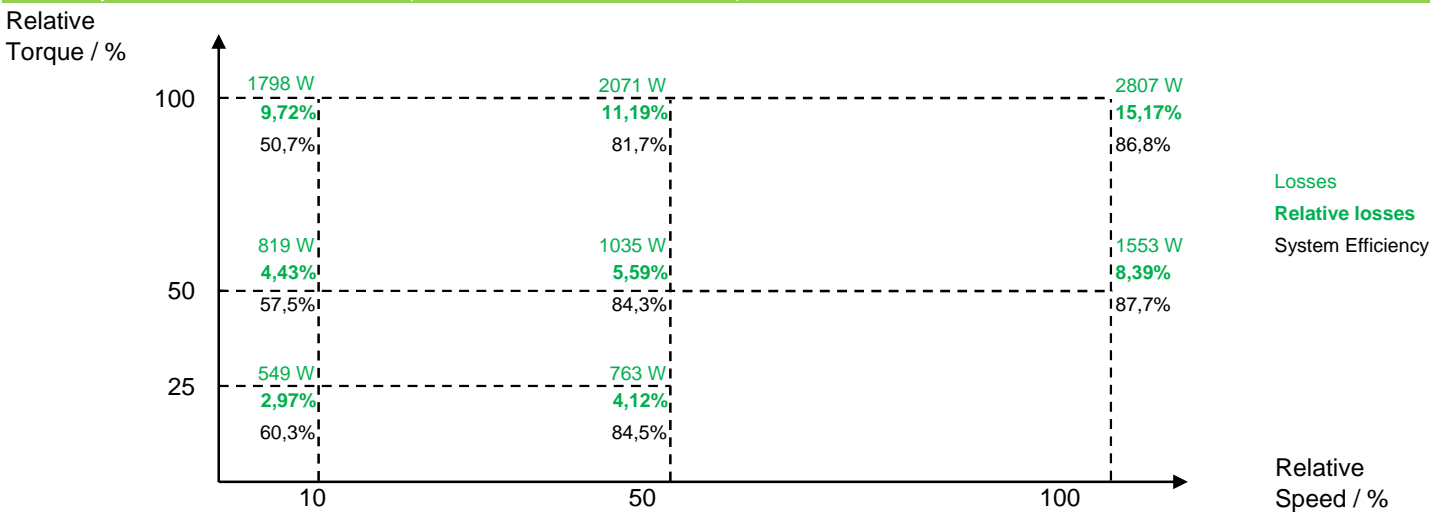


Efficiency data for the Drive

Standby losses : 30 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630D30M3**

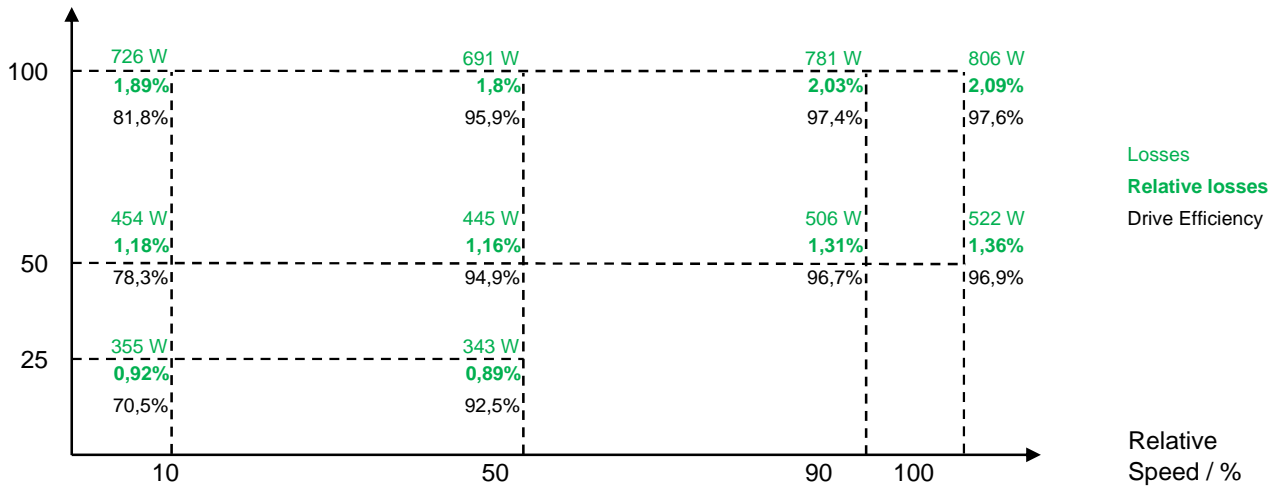


Series : Altivar Process ATV600
 Nominal voltage : 3x 240 VAC
 Nominal power : 22 kW / 30 HP
 Overload : Heavy Duty
 Nominal current : 92,6 A
 Nominal apparent power : 38,5 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

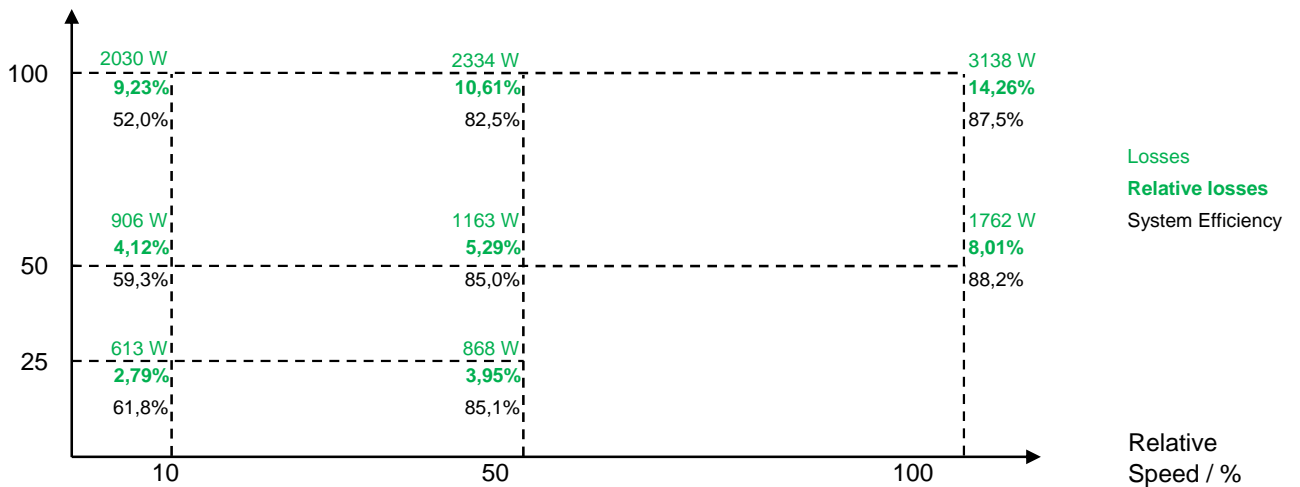
Standby losses : 34 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

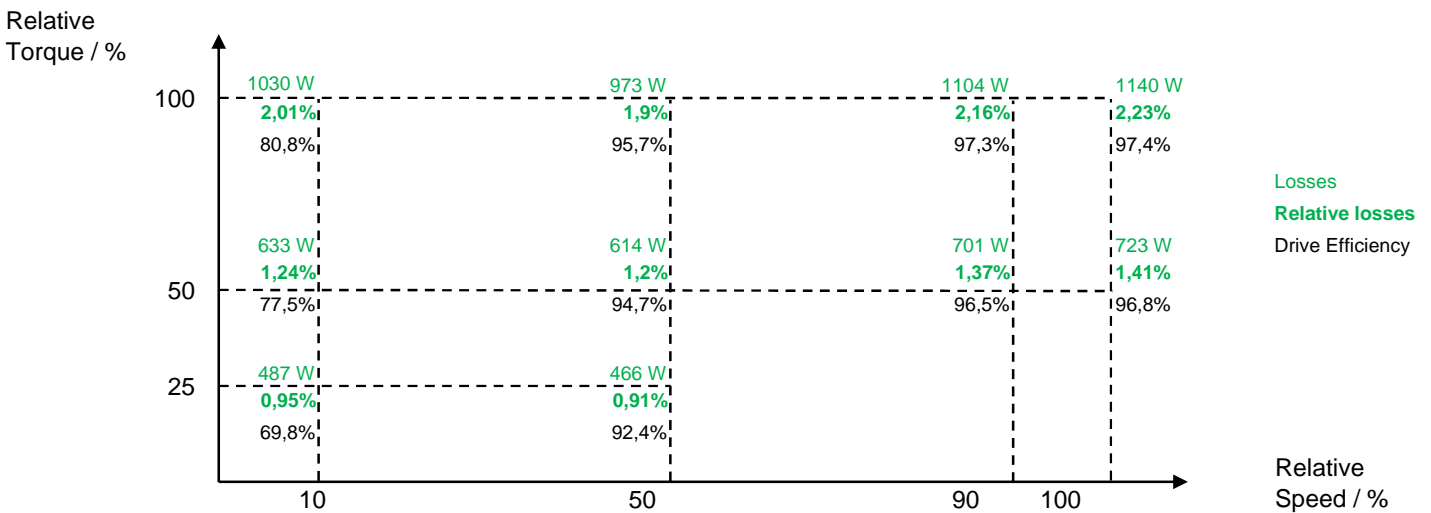
Reference : **ATV630D37M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 240 VAC
 Nominal power : 30 kW / 40 HP
 Overload : Heavy Duty
 Nominal current : 123 A
 Nominal apparent power : 51,1 kVA
 Nominal frequency : 50 Hz

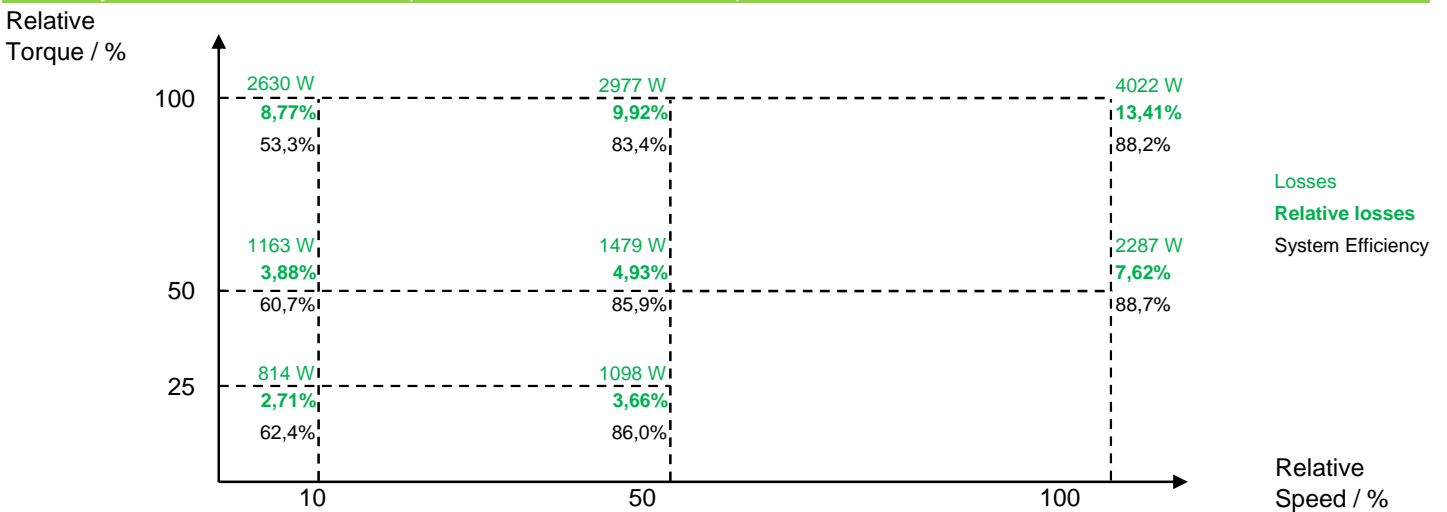


Efficiency data for the Drive

Standby losses : 34 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

Reference : **ATV630D45M3**

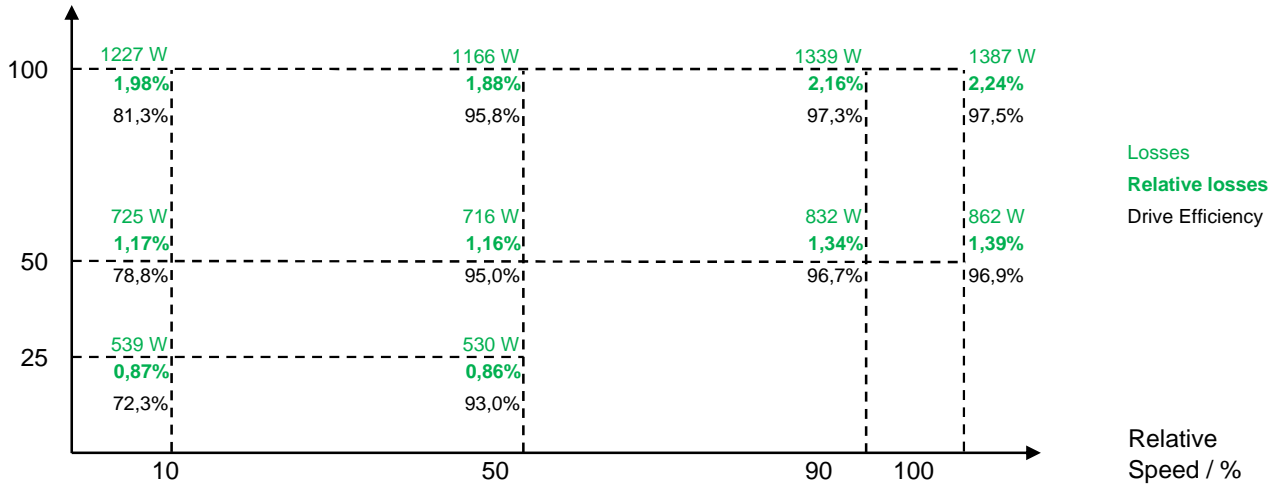


Series : Altivar Process ATV600
 Nominal voltage : 3x 240 VAC
 Nominal power : 37 kW / 50 HP
 Overload : Heavy Duty
 Nominal current : 149 A
 Nominal apparent power : 61,9 kVA
 Nominal frequency : 50 Hz

Efficiency data for the Drive

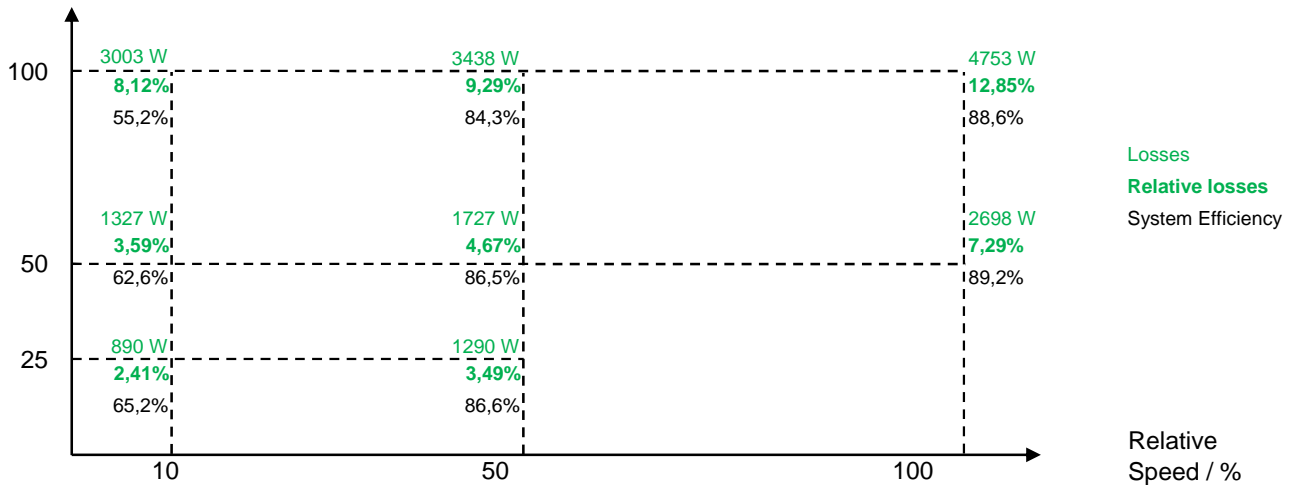
Standby losses : 34 W

Relative Torque / %



Efficiency data for the Drive + motor (standard IE2 reference motor)

Relative Torque / %



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

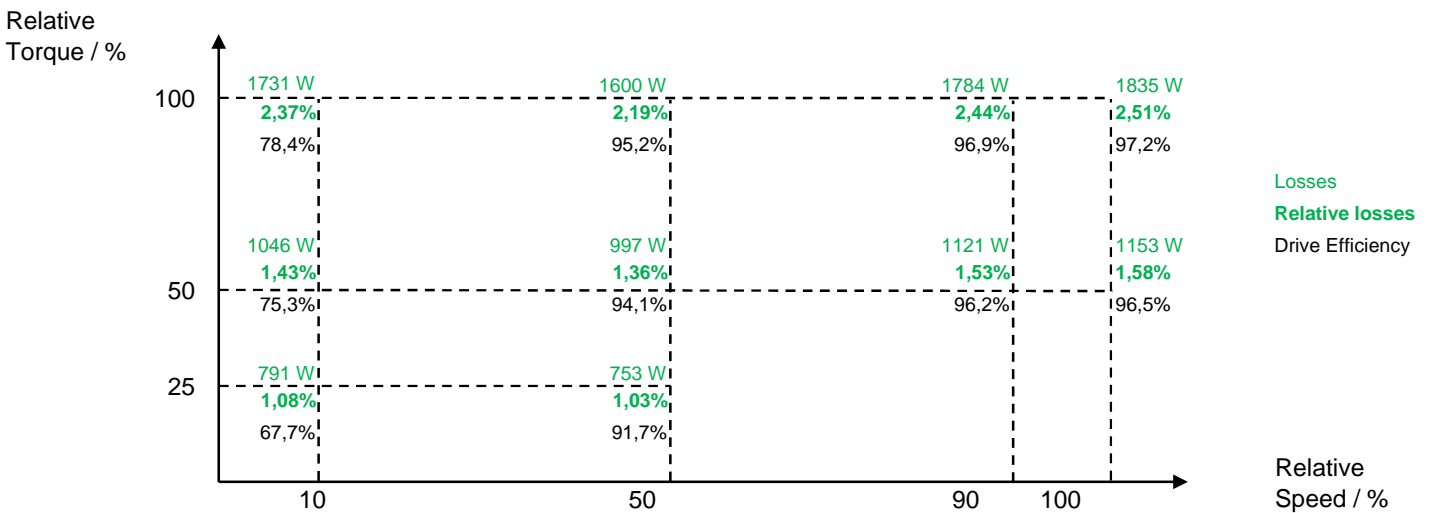
Reference : **ATV630D55M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 240 VAC
 Nominal power : 45 kW / 60 HP
 Overload : Heavy Duty
 Nominal current : 176 A
 Nominal apparent power : 73,2 kVA
 Nominal frequency : 50 Hz

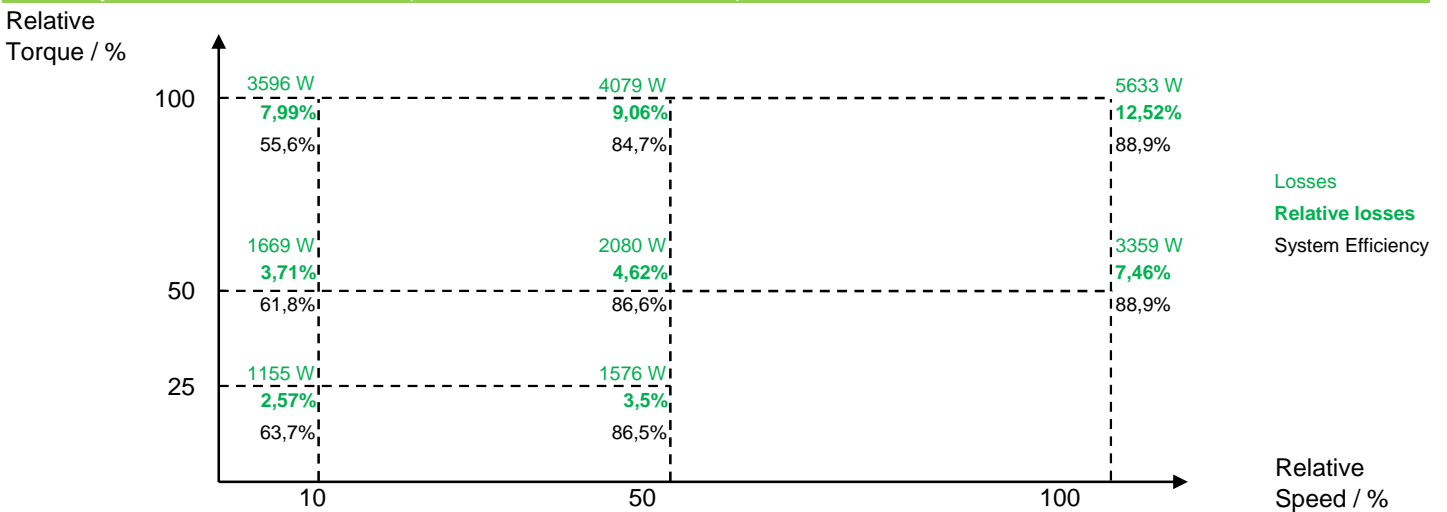


Efficiency data for the Drive

Standby losses : 59 W



Efficiency data for the Drive + motor (standard IE2 reference motor)



Energy Efficiency Certificate



Drive efficiency according to EN 50598-2

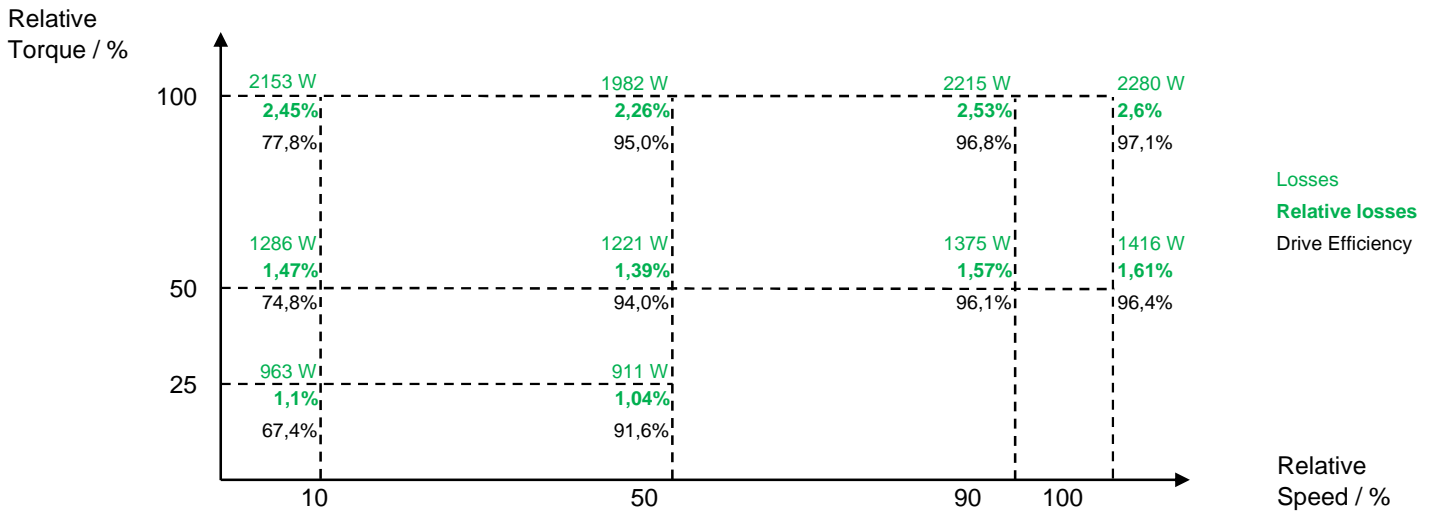
Reference : **ATV630D75M3**

Series : Altivar Process ATV600
 Nominal voltage : 3x 240 VAC
 Nominal power : 55 kW / 75 HP
 Overload : Heavy Duty
 Nominal current : 211 A
 Nominal apparent power : 87,7 kVA
 Nominal frequency : 50 Hz



Efficiency data for the Drive

Standby losses : 59 W



Efficiency data for the Drive + motor (standard IE2 reference motor)

