



ATV320U02M2B...U07M2B
ATV320U04N4B...U15N4B



ATV320U11M2B...U22M2B
ATV320U22N4B...U40N4B



ATV320U55N4B



ATV320D15N4B

Drives with book control block

Motor		Line supply				Altivar Machine ATV320				Reference (1)	Weight
Power indicated on rating plate (1)		Max. line current (2),(3)		Apparent power	Max. prospective line Isc (4)	Max. continuous output current (In) (1)	Max. transient current for 60s	Power dissipated at maximum output current (In) (1)			
		at U1	at U2						at U2		
kW	HP	A	A	kVA	kA	A	A				kg/ lb
Single-phase supply voltage: 200...240 V 50/60 Hz, with integrated EMC filter (3) (5) (6)											
0.18	0.25	3.4	2.8	0.7	1	1.5	2.3	25		ATV320U02M2B	2.400/ 5.291
0.37	0.5	6	5	1.2	1	3.3	5	38		ATV320U04M2B	2.500/ 5.511
0.55	0.75	7.9	6.7	1.6	1	3.7	5.6	42		ATV320U06M2B	
0.75	1	10.1	8.5	2	1	4.8	7.2	51		ATV320U07M2B	2.400/ 5.291
1.1	1.5	13.6	11.5	2.8	1	6.9	10.4	64		ATV320U11M2B	2.900/ 6.393
1.5	2	17.6	14.8	3.6	1	8	12	81		ATV320U15M2B	
2.2	3	23.9	20.1	4.8	1	11	16.5	102		ATV320U22M2B	
ThrSee-phase supply voltage: 380...500 V 50/60 Hz, with integrated EMC filter (3) (5) (6)											
0.37	0.5	2.1	1.6	1.4	5	1.5	2.3	27		ATV320U04N4B	2.500/ 5.511
0.55	0.75	2.8	2.2	1.9	5	1.9	2.9	31		ATV320U06N4B	2.600/ 5.732
0.75	1	3.6	2.7	2.3	5	2.3	3.5	37		ATV320U07N4B	
1.1	1.5	5	3.8	3.3	5	3	4.5	50		ATV320U11N4B	2.500/ 5.511
1.5	2	6.5	4.9	4.2	5	4.1	6.2	63		ATV320U15N4B	
2.2	3	8.7	6.6	5.7	5	5.5	8.3	78		ATV320U22N4B	3.000/ 6.614
3	4	11.1	8.4	7.3	5	7.1	10.7	100		ATV320U30N4B	
4	5	13.7	10.5	9.1	5	9.5	14.3	125		ATV320U40N4B	
5.5	7.5	20.7	14.5	12.6	22	14.3	21.5	233		ATV320U55N4B	7.500/ 16.534
7.5	10	26.5	18.7	16.2	22	17	25.5	263		ATV320U75N4B	
11	15	36.6	25.6	22.2	22	27.7	41.6	403		ATV320D11N4B	8.700/ 19.180
15	20	47.3	33.3	28.8	22	33	49.5	480		ATV320D15N4B	8.800/ 19.401

(1) These values are given for a nominal switching frequency of 4 kHz, for use in continuous operation. The switching frequency is adjustable from 2 to 16 kHz. Above 4 kHz, derate the nominal drive current. The nominal motor current should not exceed this value (see derating curves).

(2) Typical value for a 4-pole motor and a maximum switching frequency of 4 kHz, with no line choke for max. prospective line Isc (4).

(3) Nominal supply voltage, min. U1, max. U2: 200 (U1)...240 V (U2), 380 (U1)...500 V (U2), 525 (U1)...600 V (U2).

(4) If line Isc is greater than the values in the table, add line chokes.

(5) Drives supplied with category C2 integrated EMC filter. This filter can be disconnected.

(6) Connection in compliance with EMC standards:

- ATV320●●●M2B, ATV320U04N4B...ATV320U40N4B drives are supplied with an EMC plate. This is integral part of the power terminal; these 2 components cannot be separated.

- ATV320U55N4B...D15N4B drives are supplied with an EMC plate, for assembly by the customer.