

PF107483



ATV 61HU22N4

PF107575



ATV 61HU40N4Z

PF107481



ATV 61HC31N4

UL Type 1/IP20 drives

Motor		Line supply				Altivar 61			Reference	Weight
Power indicated on plate (1)	Line current (2)	Apparent power		Max. prospective line Isc	Maximum continuous current (1)	Max. transient current for 60 s				
		380 V	480 V			380 V	380 V	460 V		
kW	HP	A	A	kVA	kA	A	A	A	kg	
Three-phase supply voltage: 380...480 V 50/60 Hz										
0.75	1	3.7	3	2.4	5	2.3	2.1	2.7	ATV 61H075N4	3.000
1.5	2	5.8	5.3	3.8	5	4.1	3.4	4.9	ATV 61HU15N4	3.000
2.2	3	8.2	7.1	5.4	5	5.8	4.8	6.9	ATV 61HU22N4	3.000
3	–	10.7	9	7	5	7.8	6.2	9.3	ATV 61HU30N4	4.000
4	5	14.1	11.5	9.3	5	10.5	7.6	12.6	ATV 61HU40N4	4.000
5.5	7.5	20.3	17	13.4	22	14.3	11	17.1	ATV 61HU55N4	5.500
7.5	10	27	22.2	17.8	22	17.6	14	21.1	ATV 61HU75N4	5.500
11	15	36.6	30	24.1	22	27.7	21	33.2	ATV 61HD11N4	7.000
15	20	48	39	31.6	22	33	27	39.6	ATV 61HD15N4	22.000
18.5	25	45.5	37.5	29.9	22	41	34	49.2	ATV 61HD18N4	22.000
22	30	50	42	32.9	22	48	40	57.6	ATV 61HD22N4	30.000
30	40	66	56	43.4	22	66	52	79.2	ATV 61HD30N4	37.000
37	50	84	69	55.3	22	79	65	94.8	ATV 61HD37N4	37.000
45	60	104	85	68.5	22	94	77	112.8	ATV 61HD45N4	44.000
55	75	120	101	79	22	116	96	139.2	ATV 61HD55N4	44.000
75	100	167	137	109.9	22	160	124	192	ATV 61HD75N4	44.000
90	125	166	143	109.3	35	179	179	214.8	ATV 61HD90N4	60.000
110	150	202	168	133	35	215	215	258	ATV 61HC11N4	68.000
132	200	239	224	157.3	35	259	259	310.8	ATV 61HC13N4	74.000
160	250	289	275	190.2	50	314	314	376.8	ATV 61HC16N4	80.000
200	300	357	331	235	50	427	427	512.4	ATV 61HC22N4	110.000
220	350	396	383	260.6	50					
250	400	444	435	292.2	50	481	481	577.2	ATV 61HC25N4	140.000
280	450	494	494	325.1	50	616	616	739.2	ATV 61HC31N4	140.000
315	500	555	544	365.3	50					
355	–	637	597	419.3	50	759	759	910.8	ATV 61HC40N4	215.000
400	600	709	644	466.6	50					
500	700	876	760	576.6	50	941	941	1129.2	ATV 61HC50N4	225.000
560	800	978	858	643.6	50	1188	1188	1425.6	ATV 61HC63N4	300.000
630	900	1091	964	718	50					

(1) These values are given for a nominal switching frequency of 12 kHz up to ATV 61HD75N4, 4 kHz for ATV 61HD90N4 or 2.5 kHz for ATV 61HC11N4...HC63N4, for use in continuous operation.

The switching frequency is adjustable from 1...16 kHz up to ATV 61HD75N4 and 2...8 kHz for ATV 61HD90N4...ATV 61HC63N4.

Above 2.5, 4 or 12 kHz depending on the rating, the drive will reduce the switching frequency automatically in the event of an excessive temperature rise. For continuous operation above the nominal switching frequency, derate the nominal drive current (see derating curves on pages 240, 241, 243 to 246).

(2) Typical value for the indicated motor power and for the maximum prospective line Isc.

Note: Consult the summary tables of possible drive, option and accessory combinations, see pages 172, 173, 178 and 179.