



FREQUENCY VARIABLE DRIVE

Model Number	Type	HP	Amps	Input voltage	Input phase	Output Voltage	Output phase	Weight (Lbs)	HxWxD
D15011	S100	1.5	6	100	1	200	3	2.01	6.14x2.7x5.12
D30020	S100	3	10.6	200	1&3	200	3	2.04	6.14x2.7x5.12
D50023	C200	5	17.6	200	3	200	3	6.9	10.9x4.5x6.9
D100023	C200	10	30	200	3	200	3	16.3	15.4x5.6x7.9
D30043	S100	3	7.2	400	3	400	3	2.04	6.14x2.7x5.12
D50043	S100	5	8.8	400	3	400	3	2.04	6.14x2.7x5.12
D75043	C200	7.5	13.5	400	3	400	3	6.9	10.9x4.5x6.9
D100043	C200	10	17	400	3	400	3	6.9	10.9x4.5x6.9
D30053	C200	3	3.9	575	3	575	3	16.3	15.4x5.6x7.9
D50053	C200	5	6.1	575	3	575	3	16.3	15.4x5.6x7.9
D75053	C200	7.5	10	575	3	575	3	16.3	15.4x5.6x7.9
D100053	C200	10	12	575	3	575	3	30.9	14.4x8.3x9



S100/C200	
ENVIRONMENT	
Ambient Operating Temperature	-20°C to 40°C (-4°F to 104°F) @ 3 kHz switching freq. Operation to 60°C (140°F) with de-rating
Storage Temperature	-40°C to 60°C (-40°F to 140°F)
Cooling Method	Forced convection (cooling fan)
Humidity	95 % non-condensing at 40°C / 104°F - EN61800-2(3k3)
Altitude	≤3000m (1000 m to 3000 m derate 1 % over 100 m)
Vibration	Tested to IEC 60068-2-6
Enclosure Rating	IP20, NEMA 1
Electromagnetic compatibility	EN 61000-6-4: Generic emission standard for industrial environments
Maximum Motor Cable Length	50 m (164ft)
AC SUPPLY REQUIREMENTS	
Voltage	100 V models: 100 to 120 Vac ±10% 200 V models: 200 to 240 Vac ±10% 400 V models: 380 to 480 Vac ±10% 575 V models: 500 to 575 Vac ±10%
Maximum supply imbalance	2% negative phase sequence, 3% voltage imbalance between phase
Input Frequency	45 to 66 Hz
Output Frequency	0 to 300Hz
Switching Frequency	4, 6, 8 12 kHz 0.667, 1, 2, 3, 4, 6, 8 12 & 16kHz
APPROVALS & LISTINGS	
CE, UKCA, cUL, C-Tick, EAC, KC	

Project Name	
Date	
Engineer / Sales Rep	
Client	
Contractor	

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