

Lowara Distribution Ireland

Hydrovar HVL

Model Types 2.015 - 4.220

Pump Controller

Technical Specifications

SPECIFICATIONS

Electrical Data	Model Type 2,015	Model Type 2,022	Model Type 2,030	Model Type 2,040	Model Type 3,015	Model Type 3,022
Rated output	1.5 kW	2.2 kW	3 kW	4 kW	1.5 kW	2.2 kW
Nominal input voltage	208-240±10% (Single phase)	208-240±10% (Single phase)	208-240±10% (Single phase)	208-240±10% (Single phase)	208-240±10% (Three phase)	208-240±10% (Three phase)
Model size	A	A	B	B	A	A
Max input current (A)	11.6 A	15.1 A	22.3 A	27.6 A	7 A	9.1 A
Efficiency Rated (%) typical	94%	93.5%	93.5%	93.5%	96%	96%
Output voltage (V)	0-240 (Three phase)	0-240 (Three phase)	0-240 (Three phase)	0-240 (Three phase)	0-100% of supply voltage	0-100% of supply voltage
Max output current (A)	7.5 A	10 A	14.3 A	16.7 A	7.5 A	10 A
Output frequency (Hz)	15-70 (Hz)	15-70 (Hz)	15-70 (Hz)	15-70 (Hz)	15-70 (Hz)	15-70 (Hz)

SPECIFICATIONS

Electrical Data	Model Type 3,030	Model Type 3,040	Model Type 3,055	Model Type 3,075	Model Type 3,110	Model Type 4,015
Rated output	3 kW	4 kW	5.5 kW	7.5 kW	11 kW	1.5 kW
Nominal input voltage	208-240±10% (Three phase)	380-460±15% (Three phase)				
Model size	B	B	B	C	C	A
Max input current (A)	13.3 A	16.5 A	23.5 A	29.6 A	43.9 A	3.9 A
Efficiency Rated (%) typical	96%	96%	96%	96%	96%	96%
Output voltage (V)	0-100% of supply voltage					
Max output current (A)	14.3 A	16.7 A	24.2 A	31 A	44 A	4.1 A
Output frequency (Hz)	15-70 (Hz)	15-70 (Hz)	15-70 (Hz)	15-70 (Hz)	15-70 (Hz)	15-70 (Hz)

SPECIFICATIONS

Electrical Data	Model Type 4,022	Model Type 4,030	Model Type 4,040	Model Type 4,055	Model Type 4,075	Model Type 4,110
Rated output	2.2 kW	3 kW	4 kW	5.5 kW	7.5 kW	11 kW
Nominal input voltage	380-460±15% (Three phase)					
Model size	A	A	A	B	B	B
Max input current (A)	5.3 A	7.2 A	10.1 A	12.8 A	16.9 A	24.2 A
Efficiency Rated (%) typical	96.5%	96.5%	96.5%	97%	97%	97%
Output voltage (V)	0-100% of supply voltage					
Max output current (A)	5.7 A	7.3 A	10 A	13.5 A	17 A	24 A
Output frequency (Hz)	15-70 (Hz)	15-70 (Hz)	15-70 (Hz)	15-70 (Hz)	15-70 (Hz)	15-70 (Hz)

SPECIFICATIONS

Electrical Data	Model Type 4,150	Model Type 4,185	Model Type 4,220
Rated output	15 kW	18.5 kW	22 kW
Nominal input voltage	380-460±15% (Three phase)	380-460±15% (Three phase)	380-460±15% (Three phase)
Model size	C	C	C
Max input current (A)	33.3 A	38.1 A	44.7 A
Efficiency Rated (%) typical	97%	97%	97%
Output voltage (V)	0-100% of supply voltage	0-100% of supply voltage	0-100% of supply voltage
Max output current (A)	32 A	38 A	44 A
Output frequency (Hz)	15-70 (Hz)	15-70 (Hz)	15-70 (Hz)