

PUMPS & COUNTER CURRENT 02/08

VARIABLE SPEED PUMP

'VSD MAGNUS'

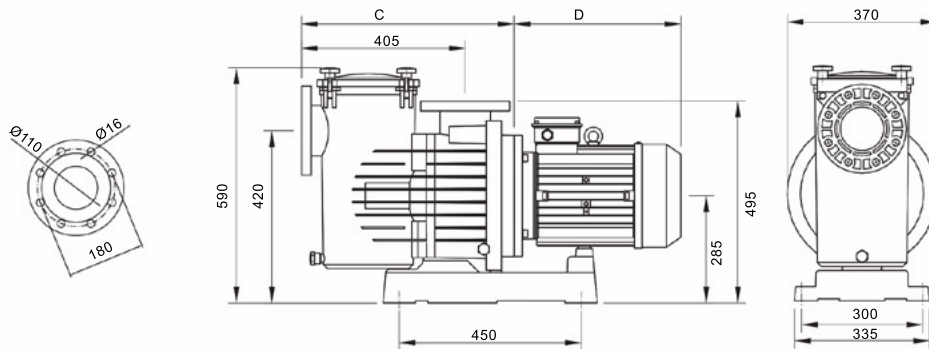
The VSD Magnus pump is an extremely quiet, new generation system, integrating a new frequency inverter that is highly efficient and reduces energy consumption. The 'VSD Magnus' is the perfect solution for large filtration systems in commercial swimming pools.



✓ Technical features

- Large capacity pre-filter basket
- Variable speed to optimise energy consumption
- Large multi-lingual display
- Communicates with up to 8 VSD Magnus pumps in a parallel network
- Alternate operation by time and schedule
- Self learning system that constantly searches the parameters that determines the dry running
- Protection against motor overloading by consumption
- Sea and saltwater compatible
- Power supply: 3-phase 400V 50Hz and 60Hz on demand
- Efficiency class: IE3+ inverter
- Maximum water temperature: 50°C
- Maximum ambient temperature: +40°C
- Motor: 1450 RPM
- Maximum operating pressure: 3 bar
- Protection rating: IP55
- Insulation rating: Class F

📏 Dimensions



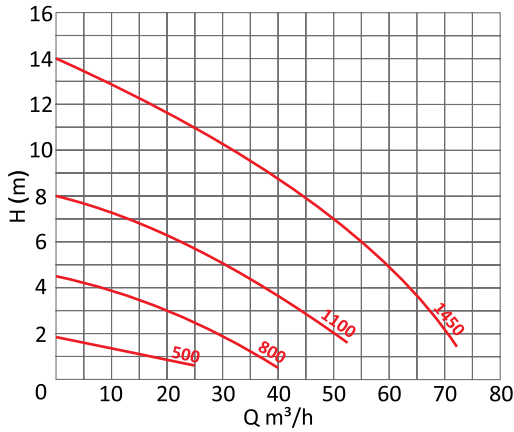
🔍 Models

PRODUCT CODE	CONNECTIONS (DNA - DNI) mm	INTENSITY A III 400	C mm	D mm	PACKING	WEIGHT kg	VOLUME m ³
VSD MAGNUS-4 250	110	4.8	530	310	1	42	0.19
VSD MAGNUS-4 300	110	5.3	530	310	1	42.5	0.19
VSD MAGNUS-4 400	110	6.9	530	310	1	44.5	0.19
VSD MAGNUS-4 550	110	8.8	530	335	1	53.4	0.32

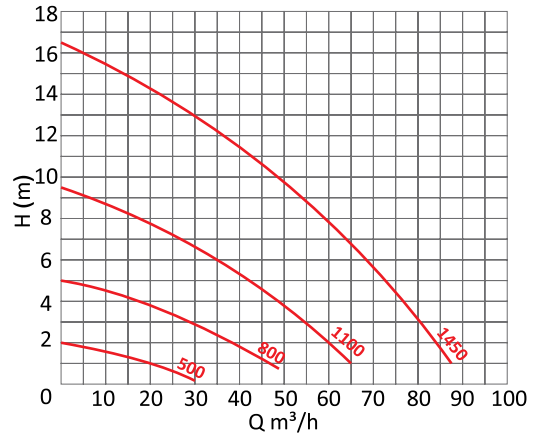


Hydraulic features

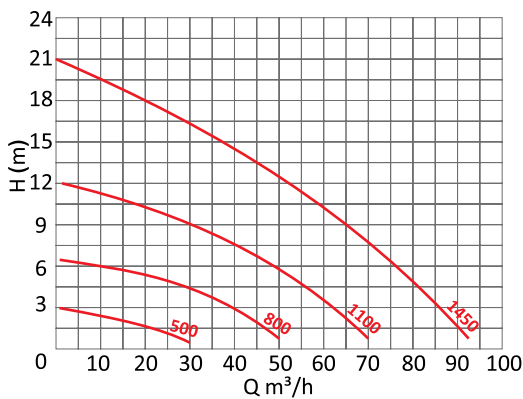
PUMP MODEL	HEIGHT m	RPM 500				RPM 800				RPM 1100				RPM 1450									
		2	4	6	8	2	4	6	8	2	4	6	8	2	4	6	8	10	12	14	16	18	20
VSD, MAGNUS-4 250	FLOW (m ³ /h)	-	-	-	-	30	10	-	-	52	40	25	-	70	63	55	45	33	20	3	-	-	-
VSD, MAGNUS-4 300		-	-	-	-	40	20	-	-	60	50	37	18	85	77	68	60	48	35	20	3	-	-
VSD, MAGNUS-4 400		10	-	-	-	42	35	15	-	63	57	48	40	92	85	78	73	65	55	45	35	27	18
VSD, MAGNUS-4 550		-	-	-	-	70	20	-	-	108	90	65	25	-	145	130	115	100	75	48	-	-	-



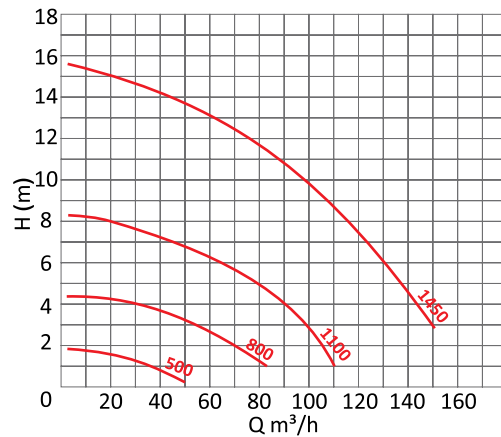
VSD MAGNUS-4 250



VSD MAGNUS-4 300



VSD MAGNUS-4 400



VSD MAGNUS-4 550



Electric features

SINGLE PHASE MODELS 50 HZ	RPM 500			RPM 800			RPM 1100			RPM 1450			NOISE LEVEL MAX db A
	INPUT POWER P1 kW	OUTPUT POWER P2		INPUT POWER P1 kW	OUTPUT POWER P2		INPUT POWER P1 kW	OUTPUT POWER P2		INPUT POWER P1 kW	OUTPUT POWER P2		
		kW	HP		kW	HP		kW	HP		kW	HP	
VSD MAGNUS-4 250	0.124	0.092	0.12	0.486	0.36	0.48	1.32	0.98	1.31	2.43	1.8	2.5	59
VSD MAGNUS-4 300	0.162	0.12	0.16	0.65	0.48	0.64	1.69	1.25	1.67	2.97	2.2	3	60
VSD MAGNUS-4 400	0.194	0.152	0.20	0.80	0.63	0.84	2.08	1.63	2.18	3.83	3	4	61
VSD MAGNUS-4 550	0.29	0.21	0.28	1.16	0.84	1.12	3.03	2.19	2.93	5.54	4	5.5	63



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