PUMPS & COUNTER CURRENT 02/07

SELF PRIMING PUMP 'MAGNUS'

A high flow, self-priming pump with a large pre-filter, which together with an excellent hydraulic performance, delivers a very large filtration system. The 'Magnus' swimming pool pump is extremely quiet and is available with 2 and 4 pole motors with speeds of up to 2,850 RPM.

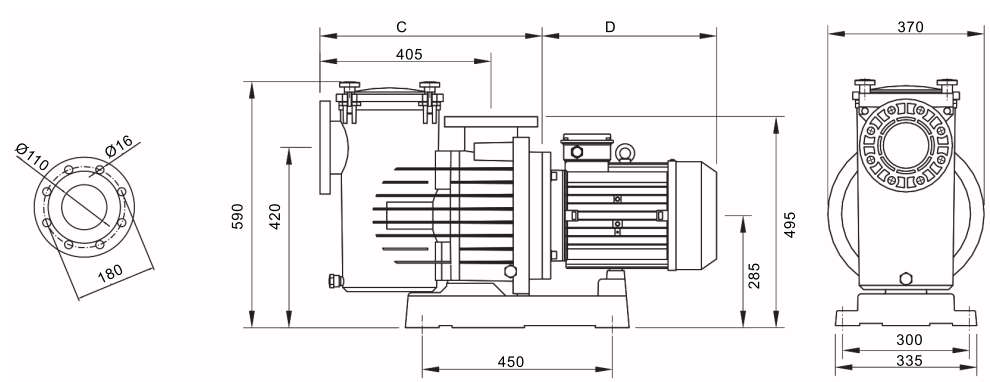
Technical features

- Clear polycarbonate lid with four-pin locking system for easy access and viewing of the pre-filter basket
- Flanged connections and a broad base makes this system very robust. (Counter flanges are not supplied as standard but available on request)
- Turbine available in noryl or marine bronze – Available on request
- Pump and pre-filter bodies, volute, counter volute and cover in polypropylene reinforced with fibreglass
- Excellent chemical resistance
- Large polythene pre-filter to prevent debris from damaging the pump
- Noryl impeller (Bronze impeller on 2 pole models)
- Mechanical seal in ceramic carbon and AISI 316 stainless steel (Sea water compatible)
- AISI 316 Stainless steel shaft and screws
- Enclosed IE3 asynchronous motor with external ventilation
- Motor bearings greased to ensure long life and silent operation
- Working frequency: 50Hz and 60Hz on demand
- Maximum water temperature: 40° C
- Maximum ambient temperature: +40° C
- Motor: 1450 RPM @ 50Hz (Models 250 to 1000), 2850 RPM @60Hz (Models 1250 and 1500) 1750/3400 RPM
- Maximum operating pressure: 3 bar
- Protection rating: IP55
- Insulation rating: Class F

4 poles motor for power ratings between 3 and 10hp.

2 poles motor for 12.5 and 15hp. With all models impeller available in noryl or bronze.

Dimensions



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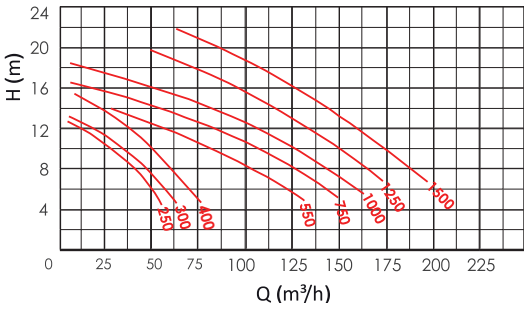
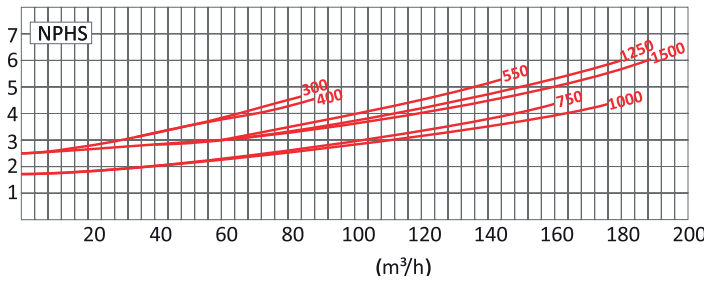
Models

CODE	CONNECTIONS (DNA - DNI)	INTENSITY A		C	D	PACKING	WEIGHT	VOLUME
	mm	230 III	400 III	mm	mm		kg	m^3
MAGNUS-4 250	110	8.5	4.9	530	310	1	42	0.19
MAG-4-250-BRIM	110	8.5	4.9	530	310	1	42	0.19
MAGNUS-4 300	110	9.4	5.3	530	310	1	42.5	0.19
MAG-4-300-BRIM	110	9.4	5.3	530	310	1	42.5	0.19
MAGNUS-4 400	110	12.5	6.9	530	310	1	44.5	0.19
MAG-4-400-BRIM	110	12.5	6.9	530	310	1	44.5	0.19
MAGNUS-4 550	110	15.3	8.8	530	335	1	53.4	0.32
MAG-4-550-BRIM	110	15.3	8.8	530	335	1	53.4	0.32
MAGNUS-4 750	110	-	12	508	380	1	66	0.32
MAG-4-750-BRIM	110	-	12	508	380	1	66	0.32
MAGNUS-4 1000	110	-	15.8	508	380	1	76	0.32
MAG-4-1000-BRIM	110	-	15.8	508	380	1	76	0.32
MAGNUS-2-1250-BRIM	110	-	18.5	508	380	1	84.5	0.32
MAGNUS-2-1500-BRIM	110	-	20.9	508	380	1	85.5	0.32

Hydraulic features

PUMP MODEL		HEIGHT (m)	6	8	10	12	14	16	18	20	22
MAGNUS-4 250	MAG-250-BRIM	FLOW (m^3/h)	50	39	31	12.5	-	-	-	-	-
MAGNUS-4 300	MAG-300-BRIM		58	49	37	18	-	-	-	-	-
MAGNUS-4 400	MAG-400-BRIM		70	62.5	51	38	25	-	-	-	-
MAGNUS-4 550	MAG-550-BRIM		123	104	84	57	30	-	-	-	-
MAGNUS-4 750	MAG-750-BRIM		143	127	107	85	57	18	-	-	-
MAGNUS-4 1000	MAG-1000-BRIM		160	145	126	107	80	48	14	-	-
-	MAG-1250-BRIM		-	167	150	136	118	99	75	50	-
-	MAG-1500-BRIM		-	188	175	160	146	127	110	87.5	62.5





Electric features

PUMP MODELS		INPUT POWER P1	OUTPUT POWER P2		NOISE LEVEL
HZ 50		kW	kW	HP	MAX db A
MAGNUS-4 250	MAG-250-BRIM	2.43	1.8	2.5	59
MAGNUS-4 300	MAG-300-BRIM	2.97	2.2	3	60
MAGNUS-4 400	MAG-400-BRIM	3.83	3	4	61
MAGNUS-4 550	MAG-550-BRIM	5.54	4	5.5	63
MAGNUS-4 750	MAG-750-BRIM	6.85	5.5	7.5	65
MAGNUS-4 1000	MAG-1000-BRIM	8.26	7.5	10	66
-	MAG-1250-BRIM	13.7	9.2	12.5	67
-	MAG-1500-BRIM	15.7	11	15	68

AQUA ME - DATA SHEET 02/07 - SELF PRIMING PUMP MAGNUS V02_21.07.26

Your global partner since 1974. Trusted for superior quality and exceptional innovations.

PUMPS & COUNTER JET

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