

PUMPS & COUNTER CURRENT 02/08

VARIABLE SPEED PUMP 'VARIO 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.

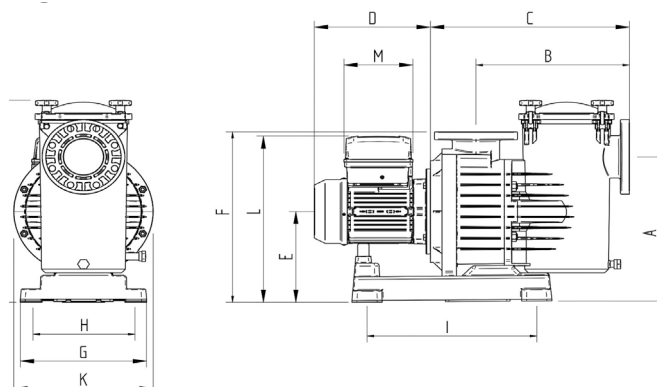


Technical features

- Very significant energy saving due to the pump can modify his working speed to the installation requirements.
- Different work speeds by different schedules.
- Communication between pumps.
- Alternate working by time.
- Extremely silent.
- Motor overload protection by consumption.
- Self learning system for constant search of the parameters that determine the dry running.



Dimensions



Models

CODE	A	B	C	D	E	F	G	H	I	J	K	L	M
VSD MAGNUS-4 250	423	405	527	310	267	500	335	300	450	596	368	489	183
VSD MAGNUS-4 300	423	405	527	310	267	500	335	300	450	596	368	489	183
VSD MAGNUS-4 400	423	405	527	310	267	500	335	300	450	596	368	489	183
VSD MAGNUS-4 550	423	405	527	310	267	500	335	300	450	596	368	489	183
VSD MAGNUS-4 750	423	405	527	310	267	500	335	300	450	596	368	525	183
VSD MAGNUS-4 1000	423	405	527	310	267	500	335	300	450	596	368	525	183
VSD MAGNUS-4 1250	423	405	527	310	267	500	335	300	450	596	368	525	183
VSD MAGNUS-4 1500	423	405	527	310	267	500	335	300	450	596	368	525	183



Hydraulic features

PUMP WORKING AT 50HZ

CODE	POWER		“A” III 400	R.P.M.	HEIGHT W.C.M.								
	HP	KW			6	8	10	12	14	16	18	20	22
					Flow m ³ /h								
VSD MAGNUS-4 250	2.5	1.8	4.9	1.450	53	43	32	18	-	-	-	-	-
VSD MAGNUS-4 300	3	2.2	5.3	1.450	62	54	43	26	10	-	-	-	-
VSD MAGNUS-4 400	4	3	6.9	1.450	74	66	56	42	29	14	-	-	-
VSD MAGNUS-4 550	5.5	4	8.8	1.450	123	104	84	57	30	-	-	-	-
VSD MAGNUS-4 750	7.5	5.5	12	1.450	143	127	107	85	57	12	-	-	-
VSD MAGNUS-4 1000	10	7.5	15.8	1.450	160	145	126	107	80	48	14	-	-
VSD MAGNUS-4 1250	12.5	9.2	18.5	2.850	-	167	152	136	118	99	80	47	-
VSD MAGNUS-4 1500	15	11	20.9	2.850	-	188	177	162	146	130	112	92	66

PUMP WORKING AT 40HZ

CODE	POWER		“A” III 400	R.P.M.	HEIGHT W.C.M.								
	HP	KW			4	5	6	7	8	10	12	14	16
					Flow m³/h								
VSD MAGNUS-4 250	1.06	0.78	2	1.160	42	35	28	21	12	-	-	-	-
VSD MAGNUS-4 300	1,38	1.01	2.4	1.160	50	43	37	30	22	4	-	-	-
VSD MAGNUS-4 400	1,79	1.32	3.1	1.160	57	52	47	41	34	19	-	-	-
VSD MAGNUS-4 550	2.58	1.9	4.1	1.160	88	78	65	52	36	-	-	-	-
VSD MAGNUS-4 750	3.48	2.56	5.6	1.160	108	98	86	74	61	28	-	-	-
VSD MAGNUS-4 1000	5	3.7	7.9	1.160	126	114	105	94	80	46	-	-	-
VSD MAGNUS-4 1250	6.2	4.6	9.2	2.320	139	131	124	116	106	85	56	-	-
VSD MAGNUS-4 1500	7.6	5.6	10.6	2.320	150	145	138	130	126	112	112	55	8

PUMP WORKING AT 30HZ

CODE	POWER		“A” III 400	R.P.M.	HEIGHT W.C.M.							
	HP	KW			2	3	4	5	6	7	8	9
					Flow m³/h							
VSD MAGNUS-4 250	0.45	0.33	0.8	870	33.5	25	15	2	-	-	-	-
VSD MAGNUS-4 300	0.58	0.43	1	870	39	31	22	11	-	-	-	-
VSD MAGNUS-4 400	0.76	0.56	1.3	870	44	37	30	21	10	-	-	-
VSD MAGNUS-4 550	1.07	0.79	1.7	870	70	55	38	12	-	-	-	-
VSD MAGNUS-4 750	1.47	1.08	2.3	870	84	70	46	36	10	-	-	-
VSD MAGNUS-4 1000	2.1	1.55	3.3	870	98	84	69	50	24	-	-	-
VSD MAGNUS-4 1250	2.6	1.9	3.8	1.740	108	96	87	72	56	34	-	-
VSD MAGNUS-4 1500	3.25	2.39	4.5	1.740	114	105	96	89	75	64	39	3



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