SOM5

5" SUBMERSIBLE ELECTRIC PUMPS INTERNAL CAPACITOR



Multi-stage submersible electric pumps designed to solve all problems involving the conveyance of clean water at temperatures not exceeding 35°C. Particularly suitable for irrigation, pressurisation systems, emptying cisterns and flooded premises. Industrial and civil uses in general.
The design allows operation with a minimum water level. Made of stainless steel , subjected to rigorous electrical and hydraulic testing.
- Maximum sand content 60 g/cubic metre. Maximum number of starts per hour 40.

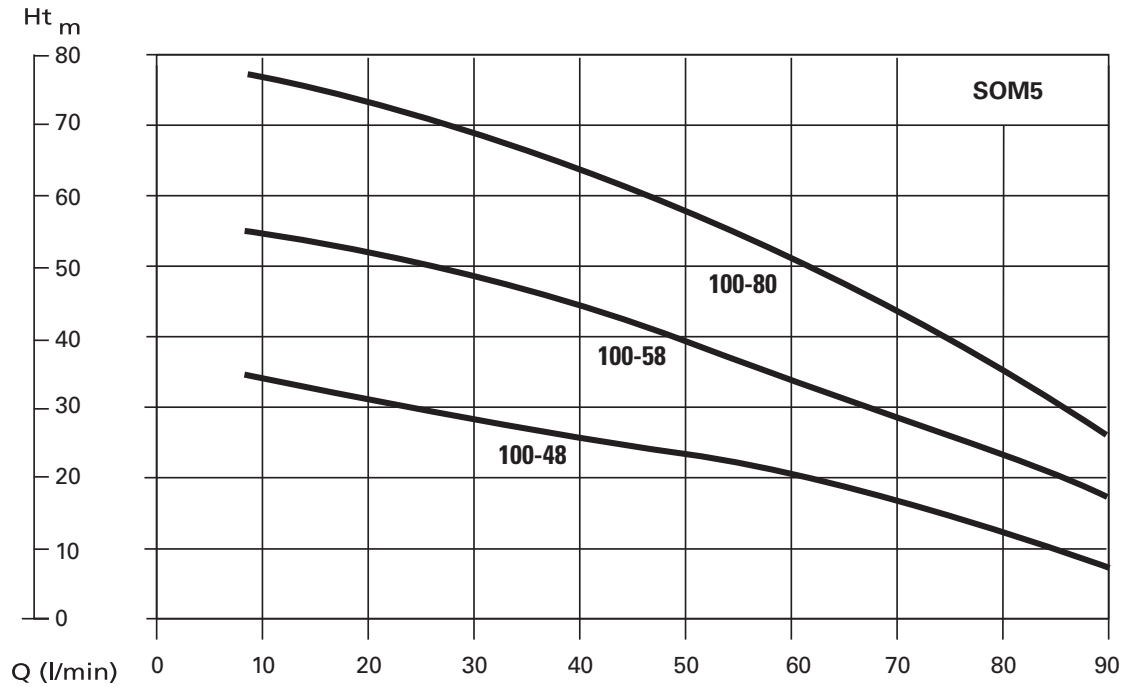
Materiali:
- Pump body, suction grille in AISI 304 stainless steel.
- Pressed brass motor supports.
- Impellers, diffusers and separators in PPO CV, stages with stainless steel wear rings.
- Motor shaft in AISI 4300 stainless steel.
- Oil-lubricated alumina graphite mechanical seal.
- Available in SILICON CARBIDE upon request.
- Special lip seal for sand protection.
- 20 m H07RNF cable

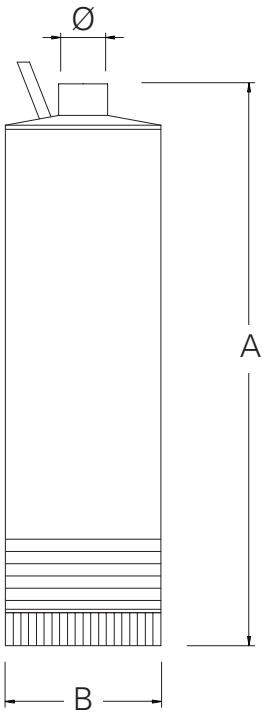
Motore:
- Single-phase asynchronous V.230 50HZ or three-phase V.400 50HZ.
- Insulation class F.
- Internal cooling with non-polluting mineral oil suitable for food use.
- External cooling via pumped liquid.
- Built-in thermal protection.

PERFORMANCE TABLE

Type	Hp	kW	1 ~ 50Hz Amp. 230 V	3 ~ 50Hz Amp. 3 x 380 V	Q (lt/m) Flow rate								
					10	20	30	40	50	60	70	80	90
					Total Hm in CA								
SOM5 100-48	1	0,8	5	-	44	40	37	32	29	23	18	14	10
SOM5 100-48AUT	1	0,8	5	-	44	40	37	32	29	23	18	14	10
SOM5 100-48T	1	0,8	-		44	40	37	32	29	23	18	14	10
SOM5 100-58	1,2	0,9	6	-	55	50	47	44	39	34	29	23	16
SOM5 100-58AUT	1,2	0,9	6	-	55	50	47	44	39	34	29	23	16
SOM5 100-58T	1,2	0,9	-		55	50	47	44	39	34	29	23	16
SOM5 100-80	1,6	1,2	8	-	78	74	69	64	57	50	44	35	26
SOM5 100-80AUT	1,6	1,2	8	-	78	74	69	64	57	50	44	35	26
SOM5 100-80T	1,6	1,2	-		78	74	69	64	57	50	44	35	26

HYDRAULIC PERFORMANCE





DIMENSIONS AND WEIGHTS TABLE

Type	Dimensions mm			Electrical cable metres	plug	Weigh Kg
	A	B	Ø DNM			
SOM5 100-48	450	127	1"¼	20	SI	16
SOM5 100-58	495	127	1"¼	20	SI	17
SOM5 100-80	560	127	1"¼	20	SI	19