SAM

Permanent Magnet Submersible Pump



Application

- This series of submersible pumps is suitable for well water extraction, farmland irrigation, garden sprinkler irrigation, fountain landscape, river water intake, aquaculture and other occasions that use clean water.

Pump

- Must be used with the controller
- Stainless steel shell & AISI 304 Shaft
- Multiple smart functions: Scheduled operation\ Constant power
- operation\ Water shortage protection\ Anti-block protection
- Max. immersion depth: 10 m
- Max. liquid temperature: +50°C

Motor

- Permanent magnet motor
- Variable frequency operation & Energy saving & High efficiency
- Built-in thermal protector for single phase motor
- Wide operating voltage range: Single-phase 140V-270V
  Three-phase 310V-450V
- Insulation class: F
- Protection class: IP68

Identification Codes

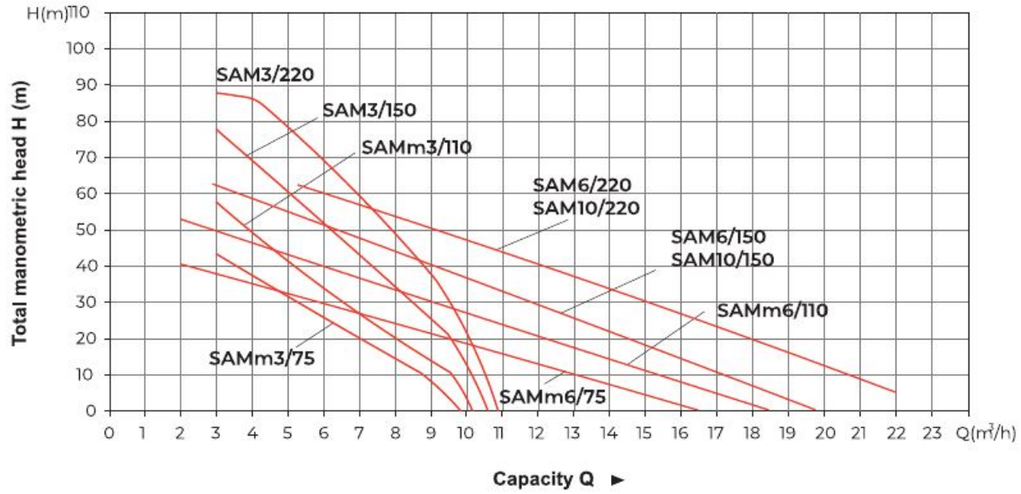
SAM (m) 3 - 75

- 75 — Power x100 (W)
- 3 — Rated.Flow (m^3/h)
- (m) — Single Phase Motor (Omitted for three-phase motor)
- SAM — Permanent Magnet Submersible Pump

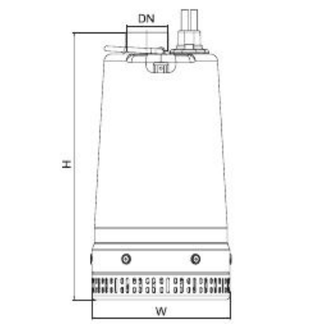
Technical Data

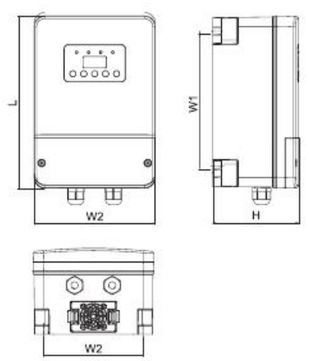
Model	Power		Q(m^3/h)	2	3	4	6	8	10	12	14	16	18	20	22
	kW	HP	Q(l/min)	33	50	66	100	133	167	200	233	267	300	333	366
SAMm3/75	0.75	1	H (m)	42	38	32	22	12	-	-	-	-	-	-	-
SAMm3/110	1.1	1.5		56	47	41	29	13	-	-	-	-	-	-	-
SAM3/150	1.5	2		75	67	60	45	30	10	-	-	-	-	-	-
SAM3/220	2.2	3		86	83	78	61	43	14	-	-	-	-	-	-
SAMm6/75	0.75	1		39	37	34	29	23	18	12	7	-	-	-	-
SAMm6/110	1.1	1.5		52	48	45	39	32	26	20	13	-	-	-	-
SAM6/150	1.5	2		-	61	57	50	43	36	28	21	13	6	12	4
SAM6/220	2.2	3		-	-	61	59	52	46	39	31	26	19	-	-
SAM10/150	1.5	2		-	61	57	50	43	36	28	21	13	6	-	-
SAM10/220	2.2	3		-	-	61	59	52	46	39	31	26	19	12	4

Hydraulic Performance Curves



Dimension





Model	DN	H1 (mm)	W (mm)	Weight (kg)
SAMm3/75	G1 1/2	320	165	6.5
SAMm3/110				
SAM3/150				
SAM3/220				
SAMm6/75				
SAMm6/110				
SAM6/150				
SAM6/220				
SAM10/150				
SAM10/220				

Model	L (mm)	H (mm)	W (mm)	W1 (mm)	W2 (mm)
BP100	229	114	161	180	132
BP200					
BP300					