

SMT1500/3



DEFINITION

Single stage centrifugal pumps.
It is manufactured at frequencies of 50 Hz. and 60 Hz.

USAGE AREAS

These type of pumps used in drip and flood irrigation, high flow water needed, discharge bilge water in the ships and puddles of few dirty water which suction from 6m and can maximum discharge up to 55 m.

MATERIAL PROPERTIES

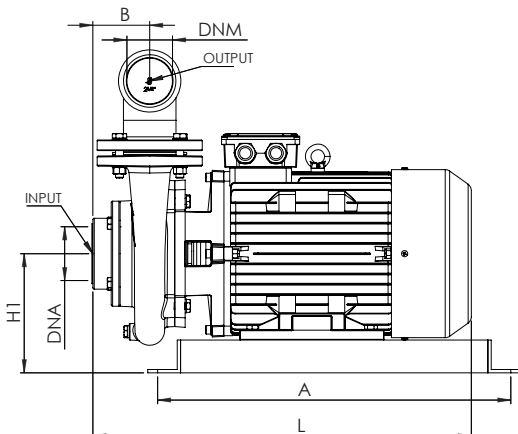
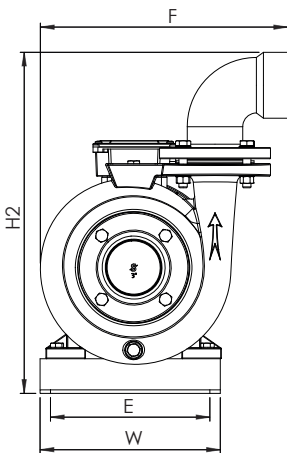
PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 304 INOX
FLOW RATE (max.)	65 m ³ /hour
TOTAL HEAD (max.)	55 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	8 bar

TECHNICAL SPECIFICATIONS

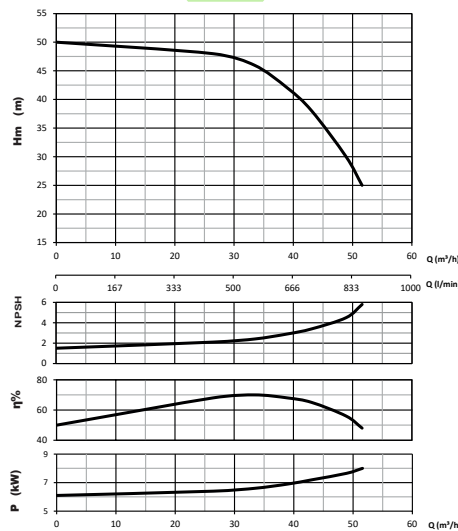
TYPE	MOTOR						PUMP										
	KW	HP	V		Hz	A	rpm	Suction m	Input Output	KG	m ³ /h	10	20	30	40	50	
* SMT1000/3	7.5	10	-	380	50	-	14.7	2900	6	3" 2 ^{1/2} "	75	mss	49	48	47	41	27
* SMT1500/3	11	15	-	380	50	-	22	2900	6	3" 2 ^{1/2} "	83.5		54	53	52	50	45

Type	DIMENSIONS									
	A	B	L	W	E	F	H1	H2	DNA	DNM
SMT1000/3	538	87	577	260	230	357	182	492	G 3"	G 2 ^{1/2} "
SMT1500/3	538	87	577	260	230	357	182	492	G 3"	G 2 ^{1/2} "

*Optionally, it can be used in hot water application up to 90°C.



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