

SM300/4 - SMT400/4



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 20 m.

MATERIAL PROPERTIES

PUMP BODY	GG25 CAST IRON
IMPELLER	GG25 CAST IRON
SHAFT	AISI 304 INOX
FLOW RATE (max.)	115 m³/hour
TOTAL HEAD (max.)	20 m
LIQUID PUMPING TEMPERATURE	0-45°C
PROTECTION CLASS	IP 54
INSULATION CLASS	F
SEAL	Ceramic / Carbon
PUMP DURABILITY PRESSURE (Pmax)	4 bar

TECHNICAL SPECIFICATIONS

MOTOR										PUMP									
TYPE	KW	HP	V		Hz	A		rpm	CAPACITOR		Suction m	Input Output	KG	m ³ /h	15	30	50	80	115
			SINGLE	THREE		SINGLE	THREE		UF	VC									
* SM300/4	2.2	3	220	380	50	13.3	4.8	2900	50	450	6	4"	34.5	mss	13.5	13	11.5	6	-
* SMT400/4	3	4	-	380	50	-	6.3	2900	-	-	6	4"	37.5		17.5	16	14	8	-
* SMT550/4	4	5.5	-	380	50	-	9.8	2900	-	-	6	4"	51		19.5	19	18	14	8

DIMENSIONS										
Type	A	B	L	W	E	F	H1	H2	DNA	DNM
SM300/4	179	75	453	204	141	232	117	298	G 4"	G 4"
SMT400/4	202	75	470	204	141	232	116	292	G 4"	G 4"
SMT550/4	468	76	531	250	220	259	162	365	G 4"	G 4"

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

