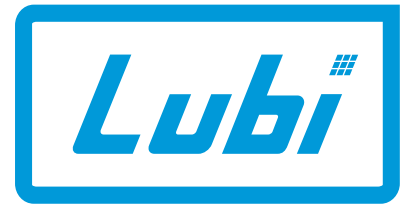


SMSJ SERIES

**Self Priming Pump
50 Hz**



PUMPS • MOTORS
ISO 9001 Company



Pumping Solution

FILTRA CONSULTANTS AND ENGINEERS LTD.

Gala No. 2 & 3, Ground Floor, Neminath Industrial Estate No. 2, Navghar, Vasai (East), Dist.: Palghar - 401 219
Tel.: +91 8691009127/26 Email: filtraw@gmail.com Website: www.ewaterreatmentindia.com



PERFORMANCE RANGE

Flow rate up to 90 l/min (5.4 m³/h)
Dynamic head up to 40 m.

APPLICATIONS

For clean liquids without abrasives, which are non-aggressive for the pump materials.
For water supply.
As pressure boosting pumps for central water systems.
For civil and industrial applications.
For watering gardens.
For irrigation.

SPECIAL FEATURES ON REQUEST

Other voltages.
Available in three phase.
Special mechanical seal.
Higher liquid or ambient temperatures.
Available in 60 Hz.

MOTOR

2-pole induction motor, 50 Hz (n = 2900 RPM)
Single phase 230V +5% - 15% with thermal protection.
Insulation class F.
Protection IP 44.
Constructed in accordance with IEC 34.

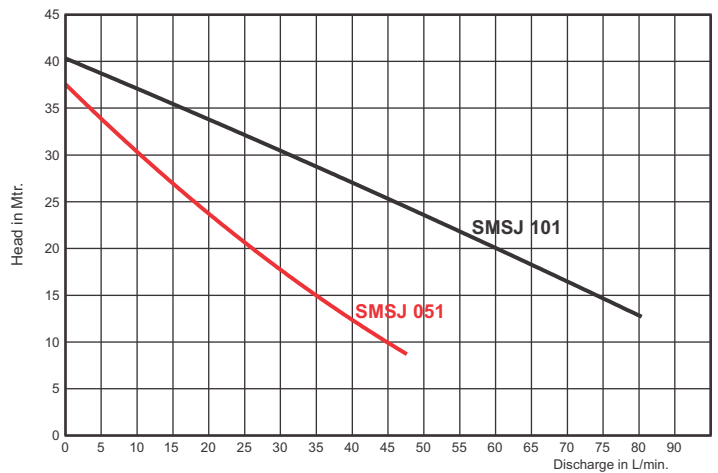
OPERATING CONDITIONS

Liquid temperature up to 90°C.
Ambient temperature up to 50°C.
Total suction lift up to 7.5 m.
Continuous duty.

MATERIAL

Component	Material
Pump casing & bracket	AISI304
Impeller	AISI304 / Noryl
Bracket and motor casing	Aluminum alloy / Cast Iron
Shaft	Steel
Mechanical Seal	NBR / Ceramic / Carbon

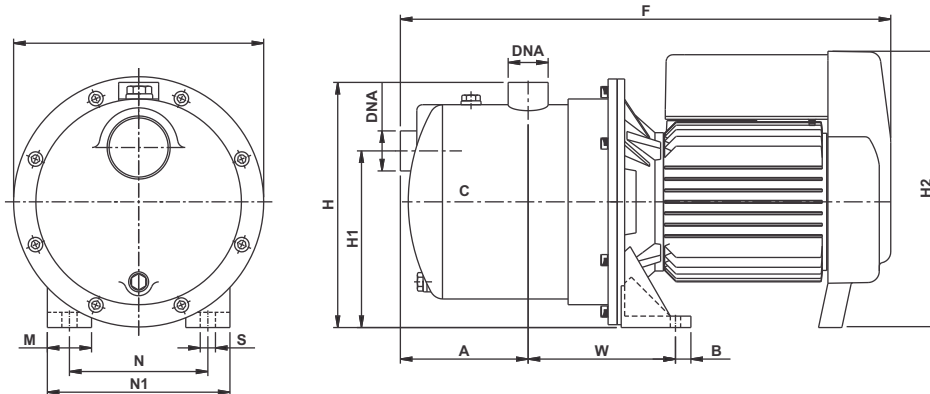
PERFORMANCE CURVE



PERFORMANCE DATA

Model	Motor Rating		Pipe Size	Discharge											
	KW	HP		Suc. x Del.	l/min.	0	10	20	30	40	50	60	70	80	90
			m ³ /h		0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	
SMSJ 051	0.37	0.5	25 x 25	Head in Meters											
SMSJ 101	0.75	1.0	32 x 25	H	35	25	23	18	15	12					
				m	40	36	33	29	28	25	22.5	21	19	17	

DIMENSIONS



All Dimensions in mm

Model	A	B	C	F	H	H1	H2	M	N	N1	S	W	DNA	DNM	NET WEIGHT	GROSS WEIGHT	VOLUME
SMSJ 051	90	10	170	390	174	128	239	30	100	130	7	107	1"	1"	9	10.5	0.031
SMSJ 101	100.5	13	213	435	212	158	239	39	120	158	9	142	1-1/4"	1"	11	12.5	0.031