

1st Floor, Above Bhairavnath Post Office,
Opp Pragati Society, Nr. Meera Cross Roads
Maninagar, Ahmedabad - 380028
Tele Fax : + 91-079-25431453, 8140179903

Website :- www.sspumpsindia.com, E-mail :- info@sspumpsindia.com.

NEW INTERNAL LOBE PUMP "SIG" SERIES

The SIG pumps are based on the proven rotary trochoidal design – gerotor principle.
The pumps are designed to meet specific demands of OEM's
The reliable performance of the SIG series makes them an ideal choice for various industrial applications.

SPECIAL EXECUTIONS:-

- Specially coated internals for pumping of non –lubricating liquids.
- Engineering plastics rotor set for chemicals & low viscosity fluids
- Specially designed pumps for vacuum duty applications
- Uni-directional

ADVANTAGES OF SIG PUMPS

- Single shaft – well supported at both ends
- High suction lift and low noise level as well as vibrations
- High volumetric and overall efficiency
- Continuous, pulsation free flow due to axial entry in pumping element
- Compact and light – weight design
- Ease of assembling and dismantling without disturbing the pipeline.
- Choice of oil seal / Mechanical seal / gland pack.
- Parts / Pumps interchangeable with well known brands.

TYPICAL APPLICATION

- Transfer from tank to tank
- Emptying of barrels
- Lubricating and cooling of bearings ,gears, mechanical seals and machine tools
- Fuel oil booster

LIQUIDS HANDLED

- Fuel oil
- Lube Oil
- Neutral liquids with lubricating properties



PERFORMANCE TABLE

MODEL	PIPE SIZE IN MM SUC X DEL.	DISCHARGE		PRESSURE IN KG /CM ²						NET WEIGHT KGS.
				0	2	4	6	8	10	
		LPM	M3/Hr	MOTOR REQUIRED IN HP (SPPED 1440 RPM)						
SIG - 10	15 X 15	10	0.60	0.25	0.25	0.50	0.5	0.75	0.75	3.000
SIG - 15	15 X 15	15	0.90	0.50	0.50	0.50	0.75	0.75	1.00	3.300
SIG - 20	15 X 15	20	1.20	0.50	0.50	0.75	0.75	1.00	1.50	3.600
SIG - 40	25 X 25	40	2.40	0.50	0.50	0.75	1.00	1.50	2.00	6.800
SIG - 80	40 X 40	80	4.80	1.00	1.00	1.50	2.00	3.00	3.00	8.500
SIG-125	40 X 40	125	7.50	2.00	3.00	3.00	5.00	5.00	7.50	24.000
SIG - 150	40 X 40	150	9.00	2.00	3.00	3.00	5.00	7.50	7.50	25.000
SIG - 175	40 X 40	175	10.50	2.00	3.00	5.00	5.00	7.50	7.50	26.500

SIG PUMPS SPARES

