



"SIG" SERIES

TYPICAL APPLICATION

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

INTERNAL GEAR/LOBE PUMP

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.

LIQUID HANDLED

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

Material of construction cast Iron with
STN TERED GEARS

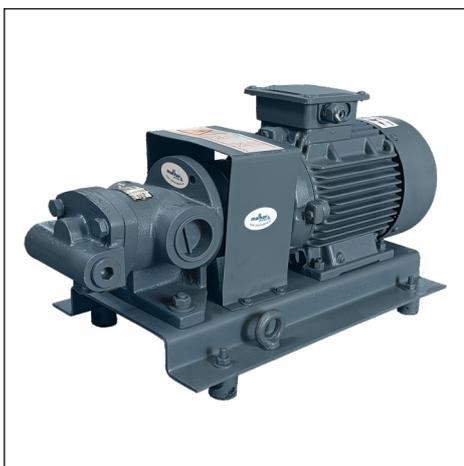
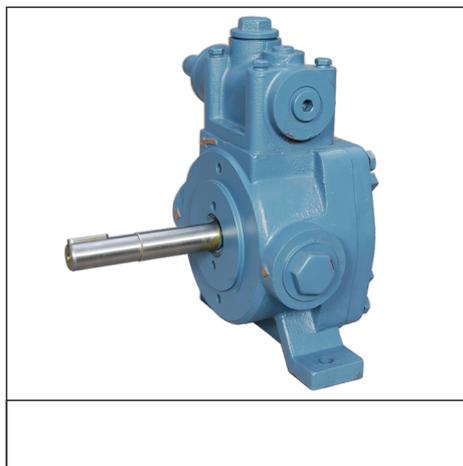


PUMP PERFORMANCE TABLE

MODEL	PIPE SIZE IN MM SUC 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



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Video Link : <https://www.youtube.com/watch?v=ngAwtJK3rI8>