

We are a company producing and supplying different types of Industrial Pumps. We offer a wide range of Gear Pumps as mentioned here under.

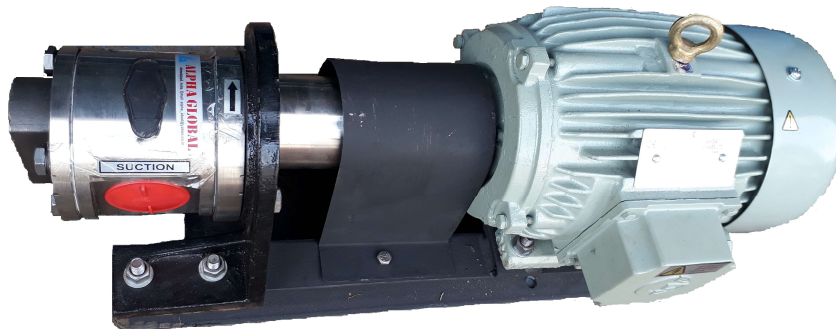
POSITIVE DISPLACEMENT BARE SHAFT EXTERNAL GEAR PUMPS



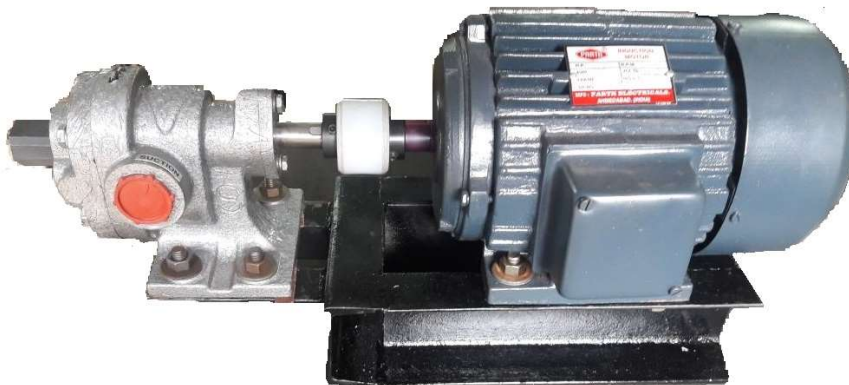
Gear Pump (SS)



Gear Pump (C. I.)



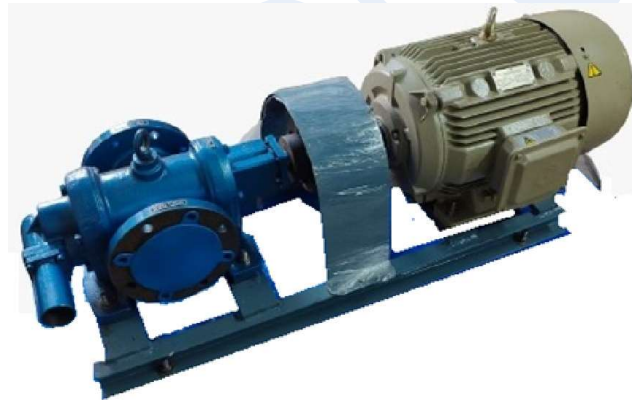
EXTERNAL BARE SHAFT SS GEAR PUMP



EXTERNAL BARE SHAFT C.I. GEAR PUMP

BITUMEN PUMP

(SVRN Jacketed / Non Jacketed External Bare Shaft
Twin Rotary Gear Pump)



SVRN – TWIN ROTARY GEAR PUMP		
MODEL	SUCTION X DELIVERY	CAPACITY IN LPH AT 1440 RPM
SVRN 0.50	1/2" x 1/2"	25.00
SVRN 100	1" x 1"	50.55
SVRN 150	1 1/2" x 1 1/2"	125.00
SVRN 200	2" x 2"	200.00
SVRN 250	2 1/2" x 2 1/2"	333.30
SVRN 300	3" x 3"	500.00
SVRN 400	4" x 4"	833.00
SVRN 500	5" X 5"	1500
SVRN 600	6" X 6"	2080
SVRN 800	8" X 8"	2400

FEATURES :

- All Positive displacement rotary gear pumps are self priming pumps with suction lift of 5 meters at mean viscosity and speed 1440 rpm
- The SEG series of efficient pump has modified profile of teeth to give accurate discharge within the pressure range.
- The helical gear design delivers constant volume without and pulsation. It also reduces internal slippage and gives high volumetric efficiency.
- Compact in size and highly economical
- All these are self lubricated pumps recommended for use where the liquid to be transferred has lubrication properties Hence the bearing are lubricated by the pumping fluid and do not need any external lubrication.
- Easy maintenance due to availability and interchange ability of spares.
- All Efficient gear pumps are designed and assembled and with close tolerances to reduce the mechanical losses, thus it consumes less power and operates at higher efficiency.

PERFORMANCE CHART :

SUC X DEL MM	CAPACITY		Pressure in Kg/cm ²										NET WEIGHT KGS
			1	2	3	4	5	6	7	8	9	10	
	LPM	M3/HR	Motor required in HP (SPPED 1440 RPM)										
10 X 10	10	0.6	0.25	0.25	0.25	0.25	0.50	0.50	0.50	0.50	0.75	0.75	2.400
15 X 15	20	1.2	0.50	0.50	0.5	0.50	0.75	0.75	0.75	0.75	1.00	1.00	2.800
20 X 20	30	1.8	0.50	0.50	0.75	0.75	0.75	1.00	1.00	1.0	1.50	1.50	5.000
25 X 25	50	3	0.50	0.75	0.75	1.00	1.00	1.50	1.50	1.5	2.00	2.00	6.000
40 X 40	110	6.6	1.50	2.00	3	3.00	3.00	3.00	5.00	5.0	5.00	5.00	11.000
50 X 50	225	13.5	3.00	3.00	5	5.00	5.00	5.00	7.50	7.50	7.50	12.50	18.500
65 X 65	350	21	5.00	7.50	7.5	10.00	10.00	10.00	12.50	12.50	15.00	15.00	29.000
80 X 80	500	30	7.50	10.00	10	12.50	12.5	15.00	15.00	17.50	20.00	20.00	45.000

PERFORMANCE RANGE:

Pressure : Up to 10 Kg / cm²

Discharge : 10 LPM to 500 LPM

Pipe Size : 1/4" BSP to 3" BSP
(Also available in Higher Capacities)

MATERIAL OF CONSTRUCTION:

	<u>C.I.</u>	<u>S.S.</u>
Pump Body :	C.I. Gr. FG 200	CF-8M/SS316/SS316L
Back Cover :	C.I. Gr. FG 200	CF-8M/SS316/SS316L
Gland Cover :	C.I. Gr. FG 200	SS316/SS316L
Rotor Assembly :	Gear-SAE 8620, Shaft-EN – 8	SS316/SS316L
Bush :	Sintered Bronze	SS316
Oil seal :	Nitrile Rubber	Teflon
Rotor Shaft Key :	MS	MS
Packing :	Prespane Paper	Teflon

APPLICATION:

- Rotary gear pumps are useful for handling following viscous and semi viscous liquid
- Clean lube oil, Castor oil, Coconut oil, Ground nut oil, Cotton seed oil and Hydraulic oil.
- All kind of vegetable oils.
- Paints & Varnish
- All Kind of fish and animal oils.
- Soap Solutions
- Sugar molasses and syrups.
- Printing Ink.
- Glycerin, Glycol and glue
- Viscous Chemical

These Rotary gear pumps are widely used in Paper mills, Refineries, Steel mills, Road construction Machineries, Textile Industries etc,,,

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