



Rotary Gear Pump (Gun Metal)



Our Riddhi Siddhi brand model RSGI - series rotary gear pump are self priming foot mounting type positive displacement rotary gear pump. This model has three piece construction with investment casting. Three piece construction of pump make it easily cleanable and maintainable, hence preferred for food industries. (SS 316) Gear and shaft used are nitrated to give long life and trouble free performance. Used shaft is supported self lubricating type bronze bush and sealing is done with Teflon based “GFO” pack sealant for zero leakage. Right angle mounting brackets facilitate foot mounting on base plate with Electric motor.

Material of Construction :

PUMP PARTS	MATERIAL FOR RSSS	Qty. P.P.
Pump Body	85555 Gunmetal Cast	1.Nos
Back Cover	85555 Gunmetal Cast	1.Nos
Gland Cover	85555 Gunmetal Cast	1.Nos
Rotor/Stator shaft	SS - 316	1.Nos
Gear	SS - 316	1.Nos
Bush	Non Ferrous Sintered Bronze	4.Nos
Sealing	“GFO” Pack Teflon	1.Nos
Key	EN - 8	1.Nos
Hex Bolt	Mild Steel	8.Nos
Solid Pin	EM-8620	2.Nos

Riddhi Siddhi Pumps & Engineers

Contact Number: - +27 - 0612078064 /+91 - 9638363658

Website: - <https://riddhisiddhipump.com>

Features :

- ⇒ **Bi-direction positive displacement pump**
- ⇒ **Uniform load distribution**
- ⇒ **Double helical gear design**
- ⇒ **Self-priming pump**
- ⇒ **Zero leakage**

Applications :

- ◇ **Paint Industries**
- ◇ **Colors Loading & Unloading**
- ◇ **Specially for Kanji (Silk) transfer**

Range Description:

- **BSP inlet/outlet size: - 1", 1½", 2"**
- **Pump capacity in BSP: - Up to 1440 RPM**
- **Pressure: - Up to 10 Kg/CM²**
- **Max Temperature : - Up to 200 °c**

Technical Specifications :

Pump Model	Suction & Delivery	Capacity AT 1440 RPM			RECOMMENDED MOTOR BHP AT DIFFERENTIAL PRESSURE (Kg/ cm ²) WITH 1500 SSU VISCOSITY										
		LPM	US GPM	M ³ /hr	Kg/cm ²	1	2	3	4	5	6	7	8	9	10
						10	20	30	40	50	60	70	80	90	100
RSGM-100	1" X 1"	50	13.2	3.0	KW	0.40	0.50	0.60	0.75	0.89	1.04	1.17	1.30	1.46	1.59
					HP	1.0			1.5			2.0			
RSGM-150	1 1/2" X 1 1/2"	110	29.0	6.6	KW	1.05	1.45	1.95	2.10	2.40	2.65	2.95	3.25	3.60	3.75
					HP	2.0			3.0			5.0			
RSGM-200	2" X 2"	225	59.4	13.5	KW	2.0	2.5	3.2	3.75	4.3	4.55	5.6	6.2	6.9	7.11
					HP	3.0			5.0			7.5			

- All dimensions are in millimeters. Unless otherwise stated Specifications are subject to change without prior notice as improvement are made from time to time.

Note: - We also provide complete set of pump fitted with motor and mounting frame. Pump accessories are provided on demand.

Manufacturer Details : Riddhi Siddhi Pumps & Engineers

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