TYPE RDRN/RDRNF/RDRX/RDRXE/RDRB/RDRR (ROTARY TYPE TWIN GEAR PUMP)

Pump Features

Rotodel rotary gear pump type RDRN is twin gear and screw gear pump are well known, widely accepted pd pumps in all industries for its efficient performance, operational reliability, compact design & noiseless operation. These pumps have outclassed conventional gear pump & has also broken myth about screw pump offering better overall performance at considerable reduced cost. Many imported gear & screw pumps are replaced with ROTODEL pump in many plants. Popular range of this series of rotary screw gear pumps are re-designed & re-engineered to offer further simplicity with added reliability meeting international standards like API, JIS, DIN. this series offers enlarged capacity range with option of self lubricated, independent lubricated jacketing construction.

Sizes
From 1/2" to 6"

Capacity
From 8 LPM to 3333 LPM

Pressure
Upto 11 kg/cm² (157 PSI)

Viscosity
Upto 100000 CST

Temperature *
Upto 350 °C

Mounting
Foot / Flange

Direction of Rotation
Bi-Directional

Materials

+Casing : CI / CS / SS
+Gears : CS / SS
+Shaft : CS / SS
+Bushing : Bronze / white metal
+Bearing : Needle Roller

Sealing

+Oil Seal
+Mechanical Seal
+Gland Packing
+Special

Pump Model	Size	Port Size # (NB)	Capacity			Speed** (RPM)
			LPM	US GPM	M3/Hr	
RX RDRN 050 RB	S	1/2"	8.30	2.20	0.50	1440
	M		16.60	4.40	1.00	
	L		25.00	6.60	1.50	
RX RDRN 100 RB	S	1"	33.30	8.80	2.00	
	M		50.00	13.20	3.00	
	L		60.00	15.84	3.60	
RX RDRN 150 RB	S	1 1/2"	83.30	22.00	5.00	
	M		100.00	26.40	6.00	
	L		125.00	33.30	7.50	
RX RDRN 200 RB	S	2"	150.00	39.00	9.00	
	M		166.00	44.00	10.00	
	L		200.00	52.80	12.00	
RX RDRN 250 RB	S	2 1/2"	250.00	66.00	15.00	
	M		300.00	79.20	18.00	
	L		333.30	88.00	20.00	
RX RDRN 300 RB	S	3"	415.00	105.00	25.00	
	M		450.00	118.00	27.00	
	L		500.00	132.00	30.00	
RX RDRN 400 RB	S	4"	600.00	158.00	36.00	
	M		666.00	176.00	40.00	
	L		833.00	220.00	50.00	
RX RDRN 500 RB	S	5"	1000.00	164.00	60.00	
	M		1250.00	330.00	75.00	
	L		1500.00	396.00	90.00	
RX RDRN 600 RB	S	6"	1660.00	440.00	100.00	
	M		1832.00	484.00	110.00	
	L		2083.00	550.00	125.00	
RX RDRN 800 RB	S	6"	2499.00	660.00	150.00	
	M		2915.00	770.00	175.00	
	L		3332.00	880.00	200.00	

Application

+Compressors
+Turbines
+Engine Construction
+Filling Systems
+Filter Systems
+Generator Construction
+Marine Engine Construction
+Metal Forming Machines
+Metering Systems
+Paint Industry
+Plain Metal Bearing Production
+Transmission Building
+Waste Oil Disposal
+Waste Oil Treatment
+Heavy Transfer Systems
+Heavy Electric Machines
+Lubricant Manufacturers
+Lubricating Oil Systems
+Machine Building Industry
+Machine Tools
+Printing Machinery
+Rubber & Tire Manufacturers
+Tank Plant Construction
+Vacum Machinery
+Waste Oil Transport

Suitable Fluids

+Clean Lube Oil
+Vegetable Oil
+Fish Oil
+Animal Oil
+Gear Oil
+Hydraulic Oil
+Glycerine
+Honey
+ASTM & SAE Lube Oil
+Starch
+LSHS
+HFO
+Molasses
+Naptha
+Phenol Resin
+Crude Oil
+Dirty Lube Oil
+HSD
+Kerosene
+LDO
+Paint
+Sugar Solution
+Turpentine
+Varnish
+Wood Pulp
+Asphalt
+Bitumen
+Furnace Oil
+Tar
+Cellulose
+RFO
+Silicate
+Wax

