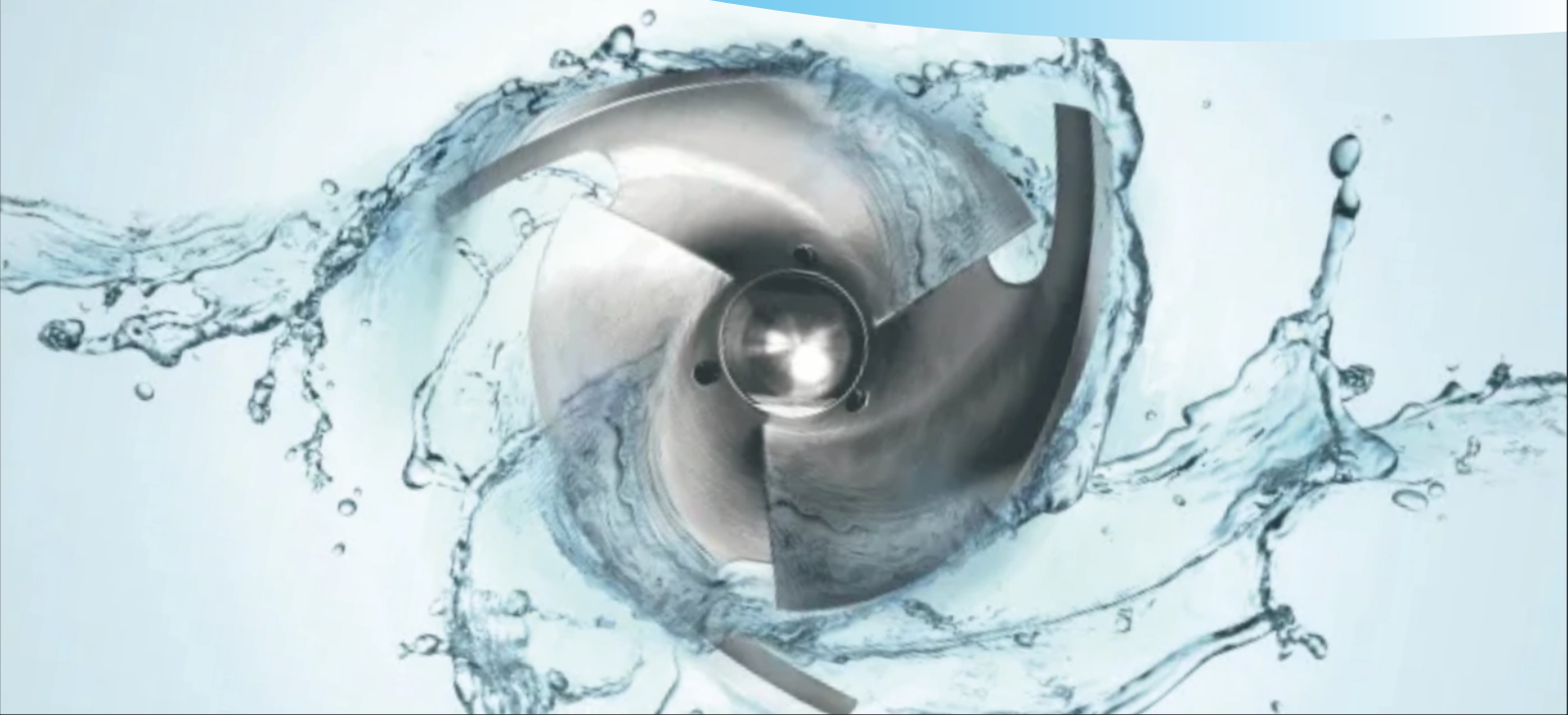
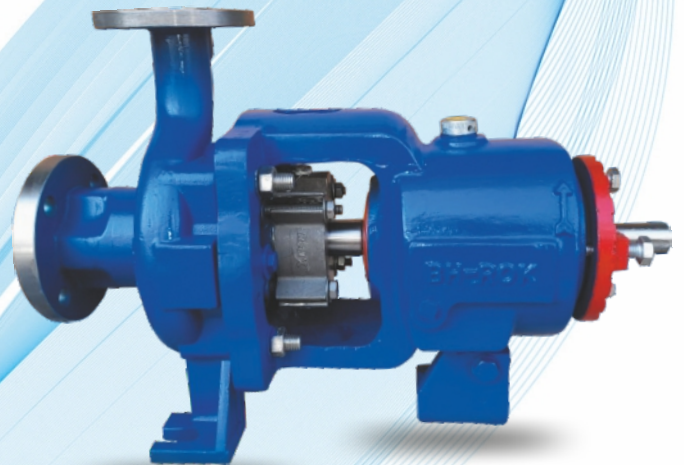




Complete Solutions of
Heavy Slurry, Pulp and Chemical Applications...



About Us

Redix Pumps was established in 2012 by promoters having over a decade experience in the pump industry.

REDIX GROUP is one of the largest manufacturer Supplier of Valves and paper machinery equipment. Renowned scientist metallurgist Mr. R.V. Singh is Founder Chairman of the Company. REDIX PUMPS started its first research unit for Valves and Pumps machinery in the Year 2012.

REDIX have global consultancy services, which supports organization to setup new plant and also helps existing chemical, Power Plant and paper Mills to archive higher goals. REDIX PUMP Salso have international consultants based in Europe and USA.

REDIX have worldwide client base and having majority market in UAS,USA, France, Thailand, Italy, Philippines, Indonesia, and Bangladesh, REDIX serving more than 20 countries across world. REDIX has successfully completed many installations for chemical, Power Plant and paper Mills.

Established as a Sole Proprietorship firm in the year 2012 at Ahmedabad (Gujarat, India), we “REDIXGROUP” have gained recognition as the foremost manufacturer of high quality range of Centrifugal Pumps , Centrifugal process pumps etc. These products are highly urged by our clients for their sturdiness, energy efficiency and long functional life and success in this industry.

Industries We Serve



Chemical Industries



Paper Industry



Ceramic Industry



Oil & Gas



Power/FGD



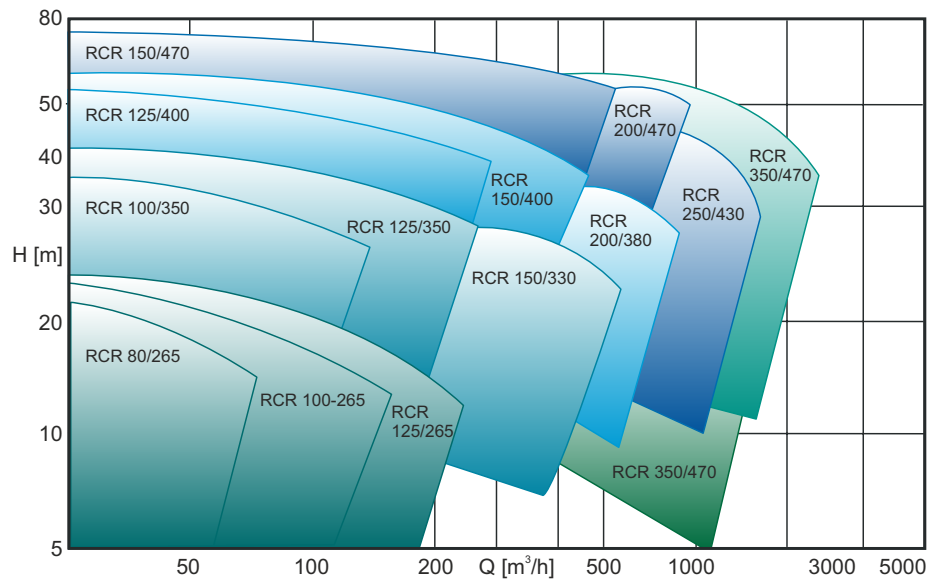
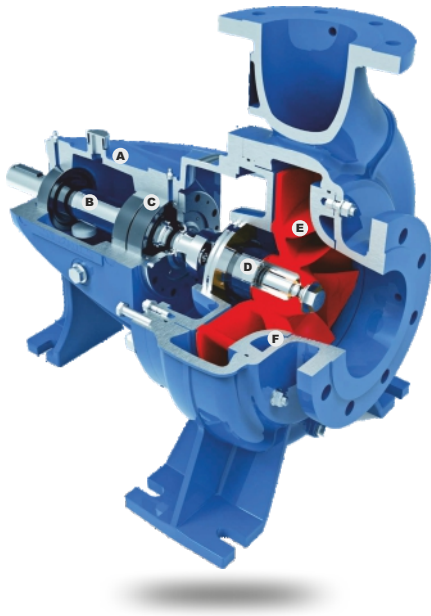
Water/Wastewater

Centrifugal Pumps RCR Series

REDIX centrifugal pumps, RCR series, are operating successfully all over the world. They offer robustness and wear resistance and thus fulfil high customer expectations in terms of efficiency, life cycle, maintenance friendliness and economic efficiency.

Characteristic Curves

REDIX Centrifugal Pumps, RCR Series
Characteristic Curve 1500 rpm



A BEARING SUPPORT

- Single Casting With Integrated Housing
- Only Five Bearing Support Sizes for The Whole Series

B SHAFT

- Designed Minimum Shaft Deflection And Low Mechanical Vibration While Running Pump

C TOUGH BEARINGS

- Long service life

D SHAFT SEALING

- Single mechanical seal for stock conveyance without sealing and rinsing water
- Double Cartridge Mech. Seal
- Gland Packing Type (PTFE Graphite)

E IMPELLER DESIGN

- Open, Semi-open, Close

F WEAR LINER

- One Wear Liner to Protect the Pump Casing & Long Life of Casing

The Facts

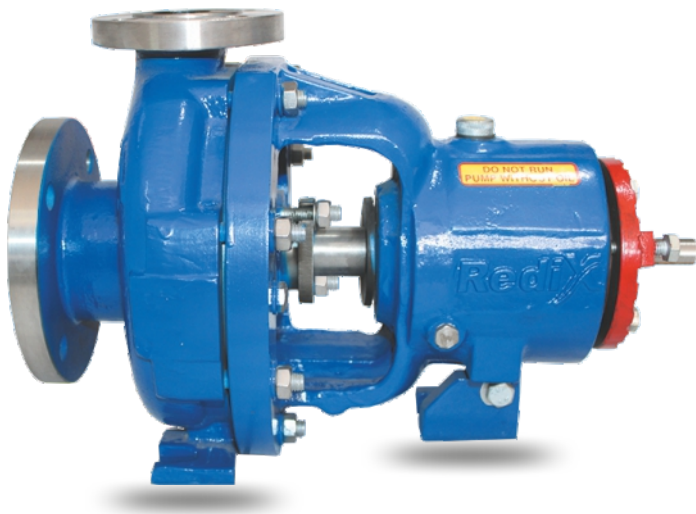
- Flow rates up to 3500 m³/hr
- Heads up to 160 mtr
- Casing pressure up to 16 bar
- Temperature up to 140°C
- Consistency up to 6 %
- Characteristic Curve 960, 1500, 3000 rpm

Fields of Application

- Pulp And Paper Industry
- Water And Waste Water Management
- Mining Industry
- Effluent Treatment Water (ETP)
- Power Sector
- Food Industry (Sugar, Starch, Tomato Juice)
- Chemical Industry

Centrifugal process pumps RMF series

REDIX Centrifugal Process Pumps, RMF Series, Are Operating Successfully All Over The World. They Offer Robustness And Wear Resistance And Thus Fulfil High Customer Expectations In Terms Of Efficiency, Life Cycle, Maintenance Friendliness And Economic Efficiency.



SR. NO.	PUMP MODEL	SUCTION X DISCHARGE
1	R0K - 1.5 X 1-5	40 X 25mm
2	R0K - 1.5 X 1-6	40 X 25mm
3	R1K - 1.5 X 1-8	40 X 25mm
4	R1K - 3 X 1.5-6	80 X 40mm
5	R1K - 3 X 2-6	80 X 50mm
6	R1K - 3 X 1.5-8	80 X 40mm
7	R2K - 3 X 2-8	80 X 50mm
8	R2K - 4 X 3-8	100 X 80mm
9	R2K - 2 X 1-10	50 X 25mm
10	R2K - 3 X 1.5-10	80 X 40mm
11	R2K - 3 X 2-10	80 X 50mm
12	R2K - 3 X 2-13	80 X 50mm
13	R2K - 4 X 3-13	100 X 80mm
14	R2K - 6 X 3-13	150 X 80mm
15	R2K - 6 X 4-13	150 X 100mm
16	R2K - 6 X 5-13	150 X 125mm
17	R3K - 10 X 8-16	250 X 200mm

The Facts

- Flow rates up to 1200 m³/h
- Heads up to 140 m
- Casing pressure up to 16 bar
- Temperature up to 160°C
- Solid Handling 30%
- Characteristic Curve 1500 to 3000 rpm

Fields of Application

- Water And Waste Water Management
- Mining Industry
- Effluent Treatment Water (ETP)
- Starch Industry (Corn, Maize Products)
- Food Industry (Sugar, Starch, Tomato Juice)
- Chemical Industry
- R.O. Water Treatment Plant

Single-stage Centrifugal Pumps RCP Series



Applications :

Industries : water, pulp and paper, food, mining, power, other industries

Design : single-stage, single-flow, open and semi-open impeller

Operating Data :

Flow rate : up to 8,000 m³ /h

Head : up to 190 m

Temperature : up to 200° C

Consistency : up to 8%

Efficiency : up to 90%

Pressure : up to 38 bar

Centrifugal Process Pumps RMF Series

Applications :

Industries : water & chemical, food, other industries

Design : single-stage, single-flow, semi-open & close impeller.

Operating Data :

Flow rate : up to 500 m³ /h

Head : up to 140 m

Temperature : up to 200° C

Efficiency : up to 92%

Pressure : up to 25 bar



Sewage Pumps, Dry RCP Series



Applications :

Industries : water.

Design : single-stage, single-flow;
semi-open vortex impeller

Operating Data :

Flow rate : up to 1800 m³ /h

Head : up to 60 MTR

Temperature : up to 120°C

Free passage : up to 120 mm

Pressure : up to 16 bar

Self-Priming Centrifugal Pumps RCR Series

Applications :

Industries : water, pulp and paper,

Design : food, other industries.
single-stage, single-flow,
semi-open impeller.

Operating Data :

Flow rate : up to 5,000 m³ /h

Head : up to 180 MTR

Temperature : up to 200°C

Efficiency : up to 92%

Pressure : up to 25 bar



Split Case Pumps RSP Series

High-quality and high-efficiency products as well as an understanding of different customer requirements have made by **REDIX** a preferred partner for pumping solutions around the globe.



Applications :

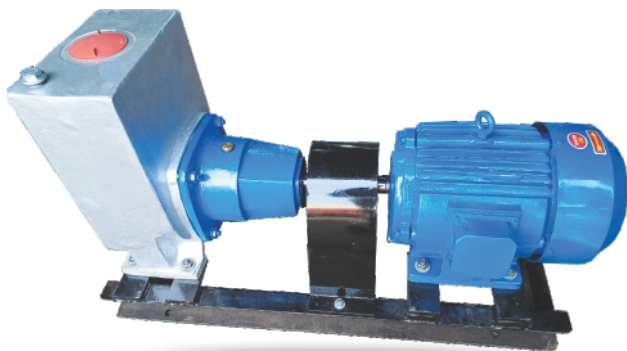
Industries : water, pulp and paper, power,
other industries

Design : single-stage, axial split case

Operating Data :

Flow rate	: up to 10,000 m ³ /h
Head	: up to 210 m
Temperature	: up to 80° C
Consistency (pulp & paper ind.)	: up to 2%
Efficiency	: up to 91%
Pressure	: up to 25 bar
Power	: up to 300 KW

Our RMSP Series features some of the most efficient and high powering pumps in our arsenal. From perfectly sealed design to extremely smooth bearings, it will give to the highest quality performance without any need for inspection or maintenance.



Mud/Sewage Pumps (Mechanical Seal Type)



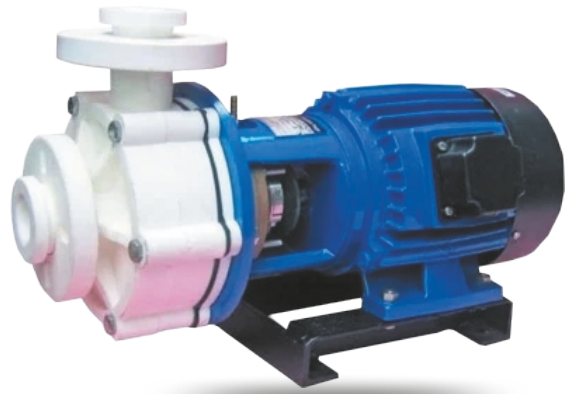
Operating Data :

Flow rate	: Up to 120 m ³ /hr
Head	: Up to 58 Mtr.
Discharge Size	: 32 mm to 100 mm.
Solid Size	: Up to 25 mm
Temperature	: Up to 110°C
Speed	: Up to 3500 rpm
Pressure	: Up to 5.8 kg/cm ²
M.O.C.	: C.I.,C.S.,SS-304/304L, SS316/316, Bronze, Alloy-20, CD4MCU Hast alloy B&C, etc.

PP Centrifugal Pump

Operating Date :

- Pump Type : Centrifugal, Horizontal, Coupled Type, Non Self Priming Pump,
- Pump Material : Casing, Impeller and Back Plate is Made of
PP(Polypropylene) Material.
- Shaft : SS316 with Ceramic Sleeve
- Max Head : Up to 40 Meter
- Flow : Upto 50 M3/HR
- Fluid Temperature : 70° C (Max)
- Seal Type : PTFE (Teflon) Bellow with Ceramic Vs GFT Facings, Ceramic Sleeve.
Semi Open Type, Close



SERIES	MODEL	SUCTON (MM)	DELIVERY (MM)	HP	RPM	HEAD (MWC)		V/S		CAPACITY (M3/HR)	
REDIX RME	RME - 100	25	25	1	2900	12 00	11 02	08 04	07 06	05 08	03 09
	RME - 120	40	40	2	2900	14 00	12 03	10 06	08 09	06 12	04 15
	RME - 130	40	40	3	2900	25 00	22 06	20 09	17 12	15 15	12 18
REDIX RME	RMXP - 50R	40	40	2	1400	12 00	11 06	10 10	09 16	08 22	07 24
	RMXO - 50	75	40	3	1400	15 00	13 10	12 15	11 23	10 28	09 30
	RMXP - 55	75	50	5	1400	16 00	14 20	12 30	10 36	09 42	08 44
	RMXP - 160R	40	40	3	2900	22 00	20 03	18 08	15 12	14 16	10 25
	RMXP - 160	75	40	5	2900	31 00	26 12	24 15	20 25	18 30	12 38
	RMXP - 170	75	50	7.5	2900	35 00	30 15	28 24	26 32	20 38	14 50
	RMXP - 40	40	40	12.5	2900	51 00	45 14	40 20	35 25	30 40	24 48

Sewage Pumps, Wet RSW Series



Applications :

Industries : water, other industries.

Design : single-stage, submersible,
close-coupled

Operating Data :

Flow rate : up to 2,000 m³ /h

Head : up to 80 MTR

Temperature : up to 40°C

Pressure : up to 10 bar

FLOW RATE

Flow rate - 0 to 5000 LPH, Higher capacity can be achieved by multiplexing head.

PRESSURE RANGE

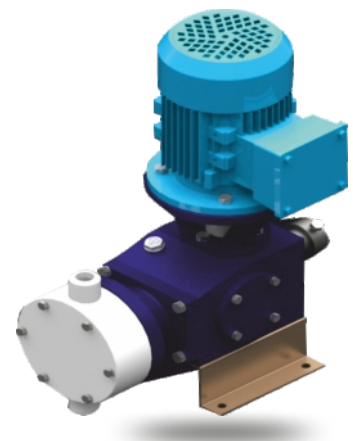
Stainless steel head standard pressure up to 2 kg/cm² Special head up to 5kg/cm².

FEATURES

Heavy duty construction designed for several industrial environment. High volumetric efficiency. High metering accuracy. Low investment cost. Internal worm reduction gear. Oil bath lubrication for long life. Micrometric stroke adjustment while pump running or stopped. It requires low NPSH. Steady state metering accuracy (+ - 1%) of pump output. Simple arrangement of pumps.

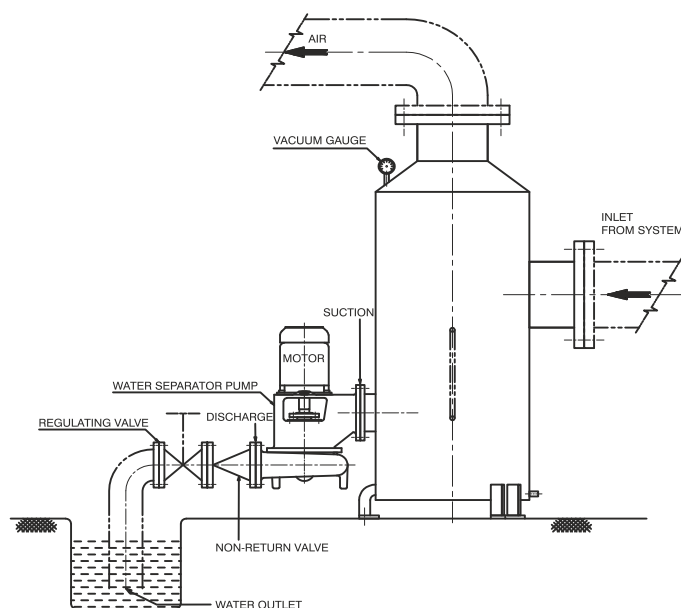


PUMP MODEL	FLOW IN LPH	PLUNGER DIA	SPM	STROCK	INLET / OUTLET SIZE	HP / RPM
RWM - 10	0 - 50	25 MM	147	15 MM	1/2" INCH BSP	0.5 HP / 1440 RPM
RWM - 15	0 - 100	35 MM	147	15 MM	1/2" INCH BSP	0.5 HP / 1440 RPM
RWM - 20	0 - 150	40 MM	147	15 MM	1/2" , 3/4 INCH BSP	0.5 HP / 1440 RPM
RWM - 25	0 - 200	42 MM	147	20 MM	3/4 " INCH BSP	1 HP / 1440 RPM
RWM - 30	0 - 300	42 MM	147	33 MM	3/4 " INCH BSP	1 HP / 1440 RPM
RWM - 40	0 - 500	52 MM	147	33 MM	1 " INCH BSP	1.5 HP / 1440 RPM
RWM - 50	0 - 1000	72 MM	147	33 MM	1 " INCH BSP	1.5 HP / 1440 RPM
RWM - 60	0 - 1500	85 MM	147	33 MM	1 1/2 " INCH BSP	2 HP / 1440 RPM
RWM - 70	0 - 2000	85 MM	216	33 MM	1 1/2 " INCH BSP	3 HP / 1440 RPM
RWM - 80	0 - 3000	98 MM	216	33 MM	1 1/2 " INCH BSP	3 HP / 1440 RPM
RWM - 90	0 - 4000	98 MM	216	50 MM	2" INCH BSP	5 HP / 1440 RPM
RWM - 100	0 - 5000	105 MM	216	50 MM	2" INCH BSP	7.5 HP / 1440 RPM



Water Separator Pumps (Monoblock Type)

Capacity	: Up to 120 m ³ /hr
Head	: Up to 20 Mtr.
Discharge Size	: 80 mm to 125 mm.
Temperature	: Max. 120°C
Speed	: 1450 rpm
Pressure	: Up to 2.6 kg/cm ²
HP	: 3 to 10 HP
M.O.C.	: C.I., C.S., SS-304/304L, SS316/316 etc.



Water Extraction Pumps

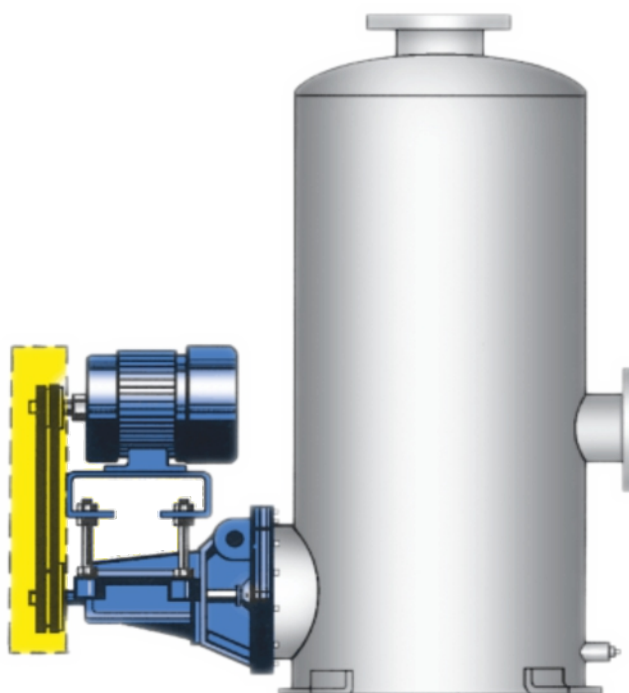
RWS Series

REDIX has developed high efficiency self priming pumps for operating under vacuum condition. These pumps are tank mounted and have found applications in filtering process and paper machine vacuum system. Pumps are called as extraction pump, filtrate pumps or drain pumps depending upon the applications.

Models	Capacity	Rec. Motor
RWS 25	10-18 M3/Hr	3-5 HP
RWS 65	40-90 M3/Hr	5-10 HP
RWS 100	100-220 M3/Hr	10-20 HP

Salient Features

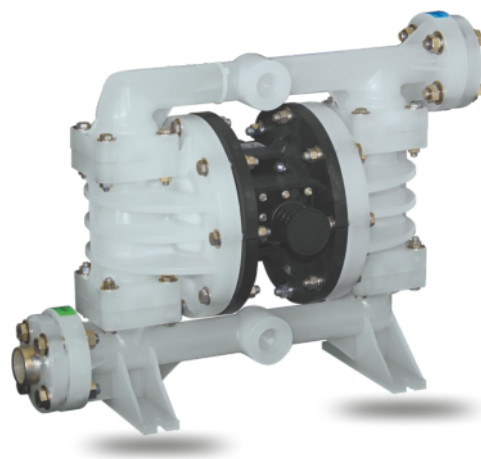
- Designed to operate under vacuum
- Tank Mounted-Save Floor Space
- Easy to maintain
- Available in various material of construction



AOD Pumps

TECHNICAL SPECIFICATIONS

Air Supply Pressure (All Models)	: 20–100 PSI (1.4–7 kgf/cm ²)
Discharge Volume Per Cycle	: DP-10: 0.020 gallons (76 cc) DP-15: 0.025 gallons (93 cc)
Maximum Cycles Per Minute	: All diaphragms: 300
Maximum Size Solid	: 1/32" (1 mm)
Maximum Dry Suction Lift	: All diaphragms: 10-feet



MODEL	R-AOD 15	R-AOD 30	R-AOD 40	R-AOD 50
MOC	AL/PP/SS/PVDF	AL/PP/SS/PVDF	AL/PP/SS/PVDF	AL/PP/SS/PVDF
DIAPHRAGM	PTFE/Santoprene	PTFE/Santoprene	PTFE/Santoprene	PTFE/Santoprene
SUCTION & DISCHARGE	1/2 inch	1 inch	1.5 inch	2 inch
AIR INLET	1/4 inch	1/4 inch	1/2 inch	1/2 inch
MAX FLOW	35 LPM	135 LPM	270 LPM	586 LPM
DISCHARGE PRESSURE (Kg/sq. cm)	6	6	6	6
HEAD (meter)	60	60	60	60
SUCTION LIFT (meter)	1.8	3	5	5
MAX SOLID SIZE in (mm)	2.5	3.4	5	6.5

Industrial Monoblock Pump Series "RMB"

REDIX Pumps Industries is one of the leading manufacturing company of Three Phase Monoblock pumps in terms of Quality. Our manufactured motors are high efficiency motors and fitted properly with appropriate pumps on single shaft by our skilled persons. Available in different types of Material / Enclosures and Voltage.

TECHNICAL SPECIFICATION

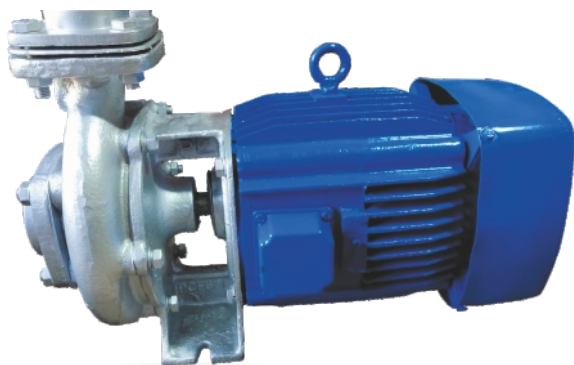
Motor	: Squirrel cage induction motor.
Volta	: 415 V, 3 Phase, 50 Hz.
Speed	: 3000/1500 RPM
Connection	: DOL, STAR DELTA
Rotation	: Anti Clock wise / Clock wise

MATERIAL OF CONSTRUCTION

	Standard	Optional
Impeller	: CI IS 210 FG 200	Bronze/SS410/304/316
Delivery Casing	: CI IS 210 FG 200	
Motor Body	: CI IS 210 FG 200	
Shaft	: Carbon Steel C40	SS410/304/316
Shaft Sleeve	: SS 410	Bronze (LTB2)
Protection	: IP 44	IP 55
Sealing	: Gland Packed	Mechanical Seal
Insulation	: Class 'F'	Class 'B'

APPLICATION

- Any Industrial Clear water handling of high pressure
- Cooling Towers, Refrigeration & Air Conditioning
- Boosting Pump in fire Fighting System.





Group of Company



Office & Factory :

Shed No. 24, Ambica Industrial Estate,
Nr. Vatva Railway Over Bridge,
Vatva -382440 (Guj.) India.

Contact :

+91 87586 87144
+91 97279 50837

Email :

redixpumps@gmail.com
sales@redixpumps.com

Web.:

www.redixpumps.com

Mumbai Office :

B-304, Tulsi Arcade, Plot No 7 Sector-9,
Khanda Colony, New Panvel (West),
Navi Mumbai, Maharashtra 410206.
sales@redixpumps.com

Philippines Office :

Unit 2D CBC Corporate Center, 724 Shaw Blvd.,
Wack Wack, Mandaluyong City 1552, Philippines
sales@redixpumps.com

Delhi Office :

735-B, Chirag Delhi, South Delhi,
Delhi - 110017.
sales@redixpumps.com

