

# Atlas Fluid Controls



Rotating Cylinders

Rotary Unions

Rotary Distributor Valves

# Fluconn Rotating Unions

Transfer

Of

Water, Steam

Thermic Fluid

Coolant

Vacuum, Air, Gases

Hydraulic Fluid

From

**Stationary Part To Rotating Part**

Or Vice Versa

# Capabilities

- Max RPM 15000
- Max Pr 210 Kgs/cm<sup>2</sup>
- Max Temp 350 ° C
- Max Size 6" NB
- Max Price Rs 4 Lakhs
- Exports to Germany, Africa, Middle East, Sri Lanka
- More than 1500 Sizes



# Industries Catered

- Steel
- Paper
- Plastic
- Aluminium
- Machine Tools
- Textile
- Chemical
- Rubber
- Tyre
- General Engineering



# Customers

- Ispat Kalmeshwar
- Ispat Dolvi
- Kolsite Industries
- Godrej
- Lloyds Steel
- Tata Motors
- Jindal Steel
- Tube Investments
- Hindalco
- Associated Capsules
- Ruby Mills
- Kusters Calico
- Polynova Industries
- Videocon
- Uttam Steels
- Bhushan Steel
- Rajoo Engineers
- Bainite Machines
- Wonderpack Industries
- .....and many more



# Selection Criteria

- Application, send sketch if necessary
- Media-Air, Water, Gas, Oil, Steam, etc
- Maximum RPM
- Right Hand/Left Hand or Bidirectional rotation of Rotor
- Max Pressure of Media
- Maximum Temperature of Media
- Monoflow/Duoflow or Multiple passages
- Port Size
- Any Special requirement
- Rotor Threaded/Flanged

# Model R0100 up to $\frac{3}{4}$ " NB

- Media Water, Oil, Steam
- Temp  $150^{\circ}$  C
- RPM 1500
- Pressure  
 $35 \text{ Kgs/cm}^2$



# Model R0100 1" to 6" NB

- Media Water, Oil, Steam
- Temp 150 ° C
- RPM 1500
- Pressure  
35 Kgs/cm<sup>2</sup>



# R0150

- Media Steam
- Max Temp 180 ° C
- RPM 1500
- Pressure  
35 Kgs/cm<sup>2</sup>



[Catalog](#)

# R0200

- Media Steam, Thermic Fluid
- Max Temp 200 ° C
- RPM 1500
- Pressure  
10 Kgs/cm<sup>2</sup>



# R201

- Media Steam, Thermic Fluid
- Max Temp 250 ° C
- RPM 1000
- Pressure  
10 Kgs/cm<sup>2</sup>



# R0202

- Media  
Thermic Fluid
- Max Temp 350 ° C
- RPM 1000
- Pressure  
5 Kgs/cm<sup>2</sup>



[Catalog](#)

# R0300

- Media Air , Vacuum, Oil
- Max RPM 3500
- Max Temp 120<sup>0</sup> C
- Max Air Pr 10 kgs/cm<sup>2</sup>
- Max Hydraulic Pr 35 kgs/cm<sup>2</sup>



# R1300

- Media Air , Vacuum, Oil
- Max RPM 250
- Max Temp 120<sup>0</sup> C
- Max Air Pr 10 kgs/cm<sup>2</sup>
- Max Hydraulic Pr 204 kgs/cm<sup>2</sup>



# R800

- Media Coolant
- Max RPM 15000
- Max Temp 90 ° C
- Max Pr 105 Kgs/cm<sup>2</sup>

[Catalog](#)



# R1100

- Media Air, Hydraulic Service
- Max RPM 1500
- Max Temp 120 ° C
- Max Air Pr 10 kgs/cm<sup>2</sup>
- Max Hydraulic Pr 68 kgs/cm<sup>2</sup>



# R1600

- Media Air, Hydraulic Service
- Max RPM 250
- Max Temp 120 ° C
- Max Air Pr 10 kgs/cm<sup>2</sup>
- Max Hydraulic Pr 68 kgs/cm<sup>2</sup>



# R1602

- Media Air, Hydraulic Service
- Max RPM 1000
- Max Temp 90 ° C
- Max Air Pr 10 kgs/cm<sup>2</sup>
- Max Hydraulic Pr 150 kgs/cm<sup>2</sup>



# Rotary Distributor Valve

- Media Air, Hydraulic Service
- Max RPM 25
- Max Pr 204 kgs/cm<sup>2</sup>
- Custom Built
- Suitable for Indexing tables
- Multistation Operations for Clamping/unclamping/Lubrication

[Catalog](#)



# Godrej 8 Passage

# Installation Manual

**Thank You**

For Your Valuable Time

Your Feedback will be Appreciated

Please Feel Free to Ask Any Questions

Presentation on other Products Available

Atlas Fluid Controls