



ISO 9001:2015
Certified Company



ROTARY JOINT

OUR VALUES

Innovation, Teamwork, Commitment,
Integrity, Customer Responsibility.

VERSATILE

INTERCHANGEABLE

ECONOMICAL



www.singhflotek.com



ABOUT US

OUR Heritage

We take this opportunity to inform you that our Singh Flo-Tek is a leading manufacturer of all types of mechanical seals, rotary union, spares of Rotary Joint/Union, Carbon Bushes, Elastomer packing rings, door gaskets, etc. which are very versatile, economical & interchangeable.

Singh Flo-Tek's manufacturer a wide range of rotary union backed by one decade of experience and expertise in sealing technology. We manufacture highly efficient and reliable rotary union for all type of Kneader, Mixers, ANFDs, SPM's, CNC's & VMC's, Calendar machine, etc.

Rotary union is a device used to transfer fluid under pressure or vacuum from a stationary inlet to a rotating outlet, preserving and isolating the fluid connection. If our inventory of standard products isn't a fit for your project, we can provide a custom-tailored rotary union solution designed to meet your exact application's requirements for operating performance, cost, and delivery.

The Rotary Union are serving the needs of textile, print and packaging, pulp and paper, automation, automobile, heavy machinery, energy, metal production, marine, machine tools and other industry. We also provide service and refurbishment of rotary union, and supply seal kit of other make eq. to Deublin, Kadant, Johnson Fluiten, Maier, etc. as per customer requirement.

Today we have the strength of a team of committed Engineers techno crafts backed by one of the most modern manufacturing facilities of its kind. Our production & Quality control specialists continuously inspect products, components, assemblies & machine tool operations on production floor, critical parts gets special attention to ensure that they meet the closest engineering tolerances. These stringent procedures guarantee Rotary union of reliability & efficiency.

We feel every application deserves, its own optimal solution. That's why we have developed the widest range of rotary union and syphons. There is a 'Singh FLO-TEK' product to meet almost every application. Whatever the process, speed, medium or other application conditions. We offer self supported, rod supported and bracket mounted rotary union for steam, cooling water, hot oil, air, gases and other media. Stationary syphon system for all speed ranges and other accessories.

OUR Vision & Mission

Our mission is to deliver value to our customers experience that surpasses expectation and truly redefines what the world expects from their sealing specialist.

We are dedicated to creating a unique business policy that achieves success for our customers this doing with integrity, respect and full-deep commitment to provide consistently excellent performance in sealing solutions.

STANDARD ROTARY UNION



1000 SERIES

Specifications

Media Type : Water / Thermic Fluid Oil
 Max. Speed : 750 – 3500 RPM
 Max. pressure : 10 bar
 Max. Temperature : 200 C
 Connection Type : BSP/ NPT /Metric
 Rotor Size : ¼ " to 2"

Description

Single & Duo Flow Design
 Balanced Mechanical Sealing
 Brass/ CI Housing & Stainless Steel Shaft
 Threaded & Flanged Joints



2000 SERIES

Specifications

Media Type : Water / Thermic Fluid Oil
 Max. Speed : 750 – 8000 RPM
 Max. pressure : 20 bar
 Max. Temperature : 250 C
 Connection Type : BSP/ NPT /Metric
 Rotor Size : ¼ " to 2"

Description

Single & Duo Flow Design
 Balanced Mechanical Sealing
 Brass/ SS Housing & Stainless Steel Shaft
 Threaded & Flanged Joints



3000 SERIES

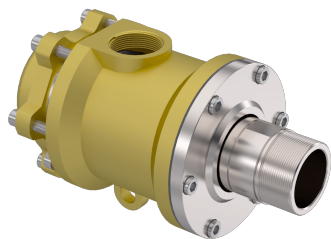
Specifications

Media Type : Tap Water/ Glycol Water
 Max. Speed : 750 – 3500 RPM
 Max. pressure : 8 bar
 Max. Temperature : 90 C
 Connection Type : BSP/ NPT /Metric
 Rotor Size : ¼ " to 2"

Description

Single & Duo Flow Design
 Balanced Mechanical Sealing
 Brass/ CI Housing & Stainless Steel Shaft
 Threaded & Flanged Joints

STANDARD ROTARY UNION



4000 SERIES

Specifications

Media Type : Hot Oil / Thermic Fluid Oil
 Max. Speed : 20 – 100 RPM
 Max. pressure : 8 bar
 Max. Temperature : 300 C
 Connection Type : BSP/ NPT /Metric
 Rotor Size : 3/4 " to 2"

Description

Single & Duo Flow Design
 Carbon Graphite Sealing System
 CI Housing & Stainless Steel Shaft
 Threaded & Flanged Joints



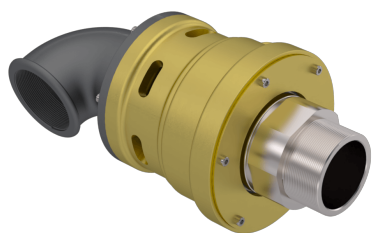
5000 SERIES

Specifications

Media Type : Water / Hot Oil
 Max. Speed : 200-3500 RPM
 Max. pressure : 8 bar
 Max. Temperature : 300 C
 Connection Type : BSP/ NPT /Metric
 Rotor Size : 3/4 " to 2"

Description

Single & Duo Flow Design
 Balanced Mechanical Sealing
 Brass/ CI Housing & Stainless Steel Shaft
 Threaded & Flanged Joints



6000 SERIES

Specifications

Media Type : Water
 Max. Speed : 750 RPM
 Max. pressure : 15 bar
 Max. Temperature : 90 C
 Connection Type : BSP/ NPT /Metric
 Rotor Size : 2 " to 4"

Description

Single & Duo Flow Design
 Balanced Mechanical Sealing
 Brass/ CI Housing & Stainless Steel Shaft
 Threaded & Flanged Joints

HIGH PRESSURE ROTARY UNION



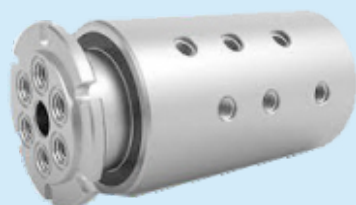
SHP 100 SERIES

Specifications

Media Type : Air / Hydraulic Oil
 Max. Speed : 250 RPM
 Max. pressure : 200 bar
 Max. Temperature : 120 C
 Connection Type : BSP/ NPT /Metric
 Rotor Size : 1/4" to 3/4"

Description

Multi Flow Design
 Balanced Mechanical Sealing
 Al Housing & Stainless Steel Shaft
 Teflon & Viton Sealing Parts
 Chrome/ Ceramic Coated Sealing Surface



SHP 200 SERIES

Specifications

Media Type : Air / Vacuum / Hydraulic Oil
 Max. Speed : 250 RPM
 Max. pressure : 250 bar
 Max. Temperature : 80 C
 Connection Type : BSP/ NPT
 Rotor Size : 1/4" to 3/4"
 No. of Ports : 2- 16 ports

Description

Multi Flow Design
 Balanced Mechanical Sealing
 Al Housing & Stainless Steel Shaft
 Teflon & Viton Sealing Parts
 Chrome / Ceramic Coated Sealing Surface



SHP 300 SERIES

Specifications

Media Type : Air/ Vacuum / Hydraulic Oil
 Max. Speed : 250 RPM
 Max. pressure : 250 bar
 Max. Temperature : 120 C
 Connection Type : BSP/ NPT
 Rotor Size : 1/4" to 1"
 No. Of Ports : 2 – 16 Ports

Description

Multi Flow Design
 Balanced Mechanical Sealing
 Al Housing & Stainless Steel Shaft
 Teflon & Viton Sealing Parts
 Chrome / Ceramic Coated Sealing Surface

MACHINE TOOL ROTARY UNION



SMT 100 SERIES

Specifications

Media Type : Glycol Water / Coolant
 Max. Speed : 8000 RPM
 Max. pressure : 25 bar
 Max. Temperature : 120 C
 Connection Type : BSP/ NPT /Metric
 Rotor Size : ¼" to ¾" | M16 * 1.5 LH/ RH

Description

For CNC Machines & SPM Machines
 Easy Assembly & High RPM
 Connections available in BSP/NPT/UNF/Metric
 Silicon Carbide Sealing Parts



SMT 200 SERIES

Specifications

Media Type : Coolant
 Max. Speed : 12000 RPM
 Max. pressure : 25 bar
 Max. Temperature : 120 C
 Connection Type : BSP/ NPT /Metric
 Rotor Size : M16 * 1.5 LH/ RH

Description

For CNC Machines & VMC Machines
 Easy Assembly & High RPM
 Al Housing & Stainless Steel Shaft
 Silicon Carbide Sealing Parts



SMT 300 SERIES

Specifications

Media Type : Coolant
 Max. Speed : 12000 RPM
 Max. pressure : 25 bar
 Max. Temperature : 120 C
 Connection Type : BSP/ NPT /Metric
 Rotor Size : M16 * 1.5 LH/ RH

Description

For CNC Machines & VMC Machines
 Easy Assembly & High RPM
 Al Housing & Stainless Steel Shaft
 Silicon Carbide Sealing Parts

MACHINE TOOL ROTARY UNION



SMT 400 SERIES

Specifications

Media Type : Coolant
 Max. Speed : 20000 RPM
 Max. pressure : 25 bar
 Max. Temperature : 120 C
 Connection Type : BSP/ NPT /Metric
 Rotor Size : M16 * 1.5 LH/ RH

Description

For CNC Machines & VMC Machines
 Easy Assembly & High RPM
 Al Housing & Stainless Steel Shaft
 Silicon Carbide Sealing Parts



SMT 500 SERIES

Specifications

Media Type : Coolant
 Max. Speed : 20000 RPM
 Max. pressure : 25 bar
 Max. Temperature : 120 C
 Connection Type : BSP/ NPT /Metric
 Rotor Size : M16 * 1.5 LH/ RH

Description

For CNC Machines & VMC Machines
 Easy Assembly & High RPM
 Al Housing & Stainless Steel Shaft
 Silicon Carbide Sealing Parts



SMT 600 SERIES

Specifications

Media Type : Coolant
 Max. Speed : 8000 RPM
 Max. pressure : 25 bar
 Max. Temperature : 120 C
 Connection Type : BSP/ NPT /Metric
 Rotor Size : M16 * 1.5 LH/ RH

Description

For CNC Machines & VMC Machines
 Easy Assembly & High RPM
 Al Housing & Stainless Steel Shaft
 Silicon Carbide Sealing Parts

INDUSTRIES SERVED



Aerospace



Print & Packaging



Paper Mill



Alternate Energy



Defence



Factory Automation



Food and Beverage



Heavy Machinery



Machine Tool



Marine



Medical



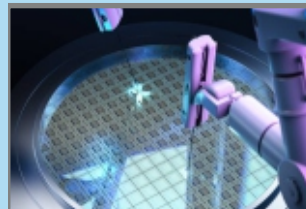
Metal Production



Oil and Gas



injection molding machines



Semiconductor



Textile



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