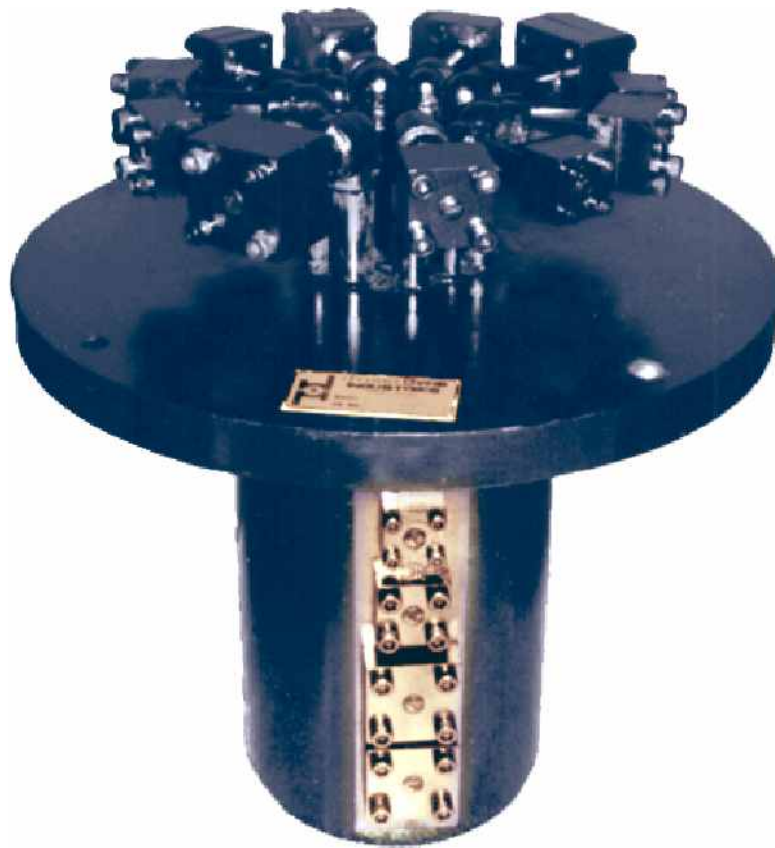


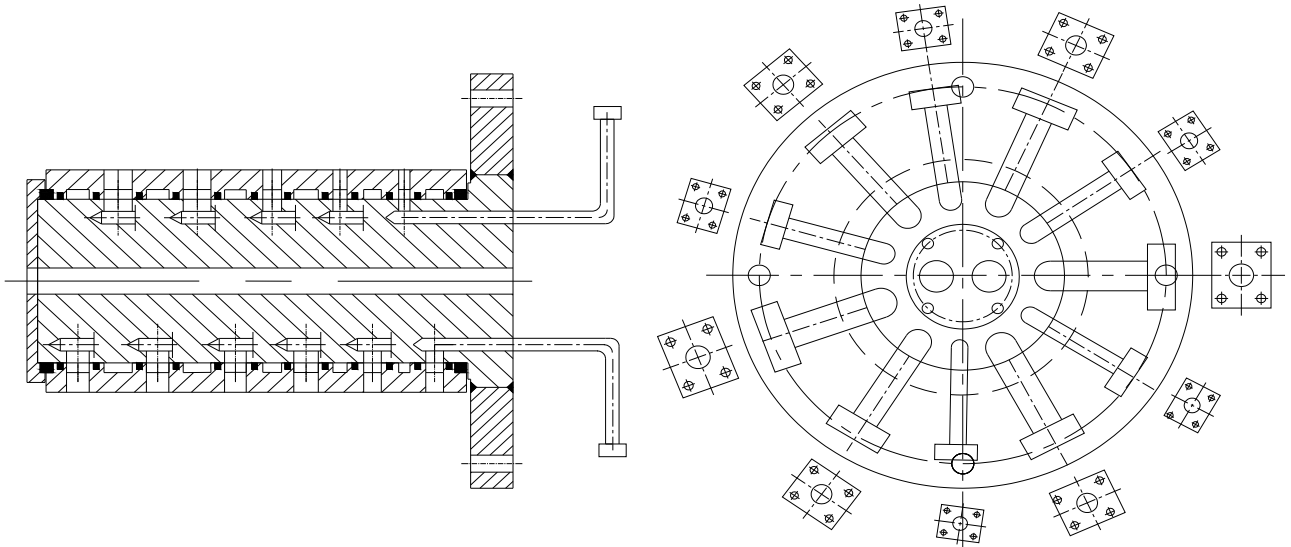
Industrial Hydraulic Rotary Joint and Rotary Cylinders



HYDRO DYNE
INDUSTRIES

Total Fluidpower Performance

Technical Information About Industrial Hydraulic Rotary Joint & Cylinders



STANDARD AS WELL AS CUSTOM BUILT TO YOUR SPECIFICATION

For over 20 year, HDI has earned the reputation in the field of fluid power products all over India

Alongwith hydraulic cylinders, valves & powerpack units, we have made special impact in the market for rotary coupling / joints.

Our on going commitment to the testing of new concept seals, bearings & different type of material has earned our rotary couplings the reputation for superior quality & performance.

Quality Design & Construction

- Single, Double & multipassage rotary joints as per HDI and customer specifications.
- 100% Hydraulically tested before despatch.
- Customer approval of the final envelope prior to manufacturing.
- Faster deliveries, Standard range ex-stock.

Application:

HDI Rotary couplings operate on equipments in wide variety of fields, from mobile construction equipments to precision service equipments, utility equipment, steel-mill industry, special material handling equipments etc.

Specification:

- Passages 1 to 14
- Rotation speeds upto 100 RPM (with bush bearing)
- Max pressure : 315 bars
- Max flow : Up to 300 lpm
- Coupling can be supplied for higher speed up to 1000 rpm with ball/roller bearing & special rotary seals.

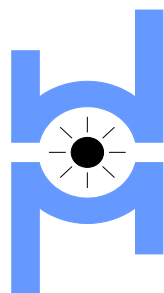
QUALITY FEATURES:

- Designed and manufactured based on operating parameters.
- Coupling with different port size specification than HDI standard are readily available.
- Components: Steel Rotor accurately machined and hardened and / or chrome plated.
- Specially designed seals ensure longer life, minimum friction and ease in assembly.
- No metal to metal contact on any non bearing surfaces.
- Rotor may be center drilled for additional passage or to accommodate cable or hose etc. that pass through

CUSTOMERS:

SOME OF OUR REPUTED CUSTOMERS (IN ALPHABATICAL ORDER)

- CONCAST (India) LTD.:- (12 Passage Rotary Joint for 315 Bar Pressure).
- ELECTRO PNEUMATICS.:- 2 & 4 passage rotary joints.
- ELECON ENGINEERING :- 4 passage rotary joints for windmill application.
- JINDAL (Vasind):- 4 Passage Rotary Joint for Rotary Cylinder.
- ROURKELLA STEEL PLANT.:- 2 Passage Rotary Joint with Rotary Cylinder.
- SIMPLEX INDIA. :- 4 & 11 Passage Rotary Joints.
- SMS CONCAST ENGINEERING (I) LTD. :- 6 Passage Rotary Joints.
- SPM TOOLS, (kolhapur).:-2 passage Rotary Joints.
- STEEL AUTHORITY OF INDIA (Bhilai) :- 2 & 4 Passage Rotary Joints.
- STEEL AUTHORITY OF INDIA (Bokaro) :- 2 & 4 Passage Rotary Joints.
- TISCO :- Rotary Cylinders.
- USHA MARITN :- 12 Passage Rotary Joints.
- VICKERS INDIA.:- 2 Passage & 4 Passage Rotary Joints.
- VIDYUT METALLIC (Thane).:- 2 Passage Rotary Joint with Rotary Cylinders.
- VOLTAS INDIA.:- 4 Passage Rotary Joints.



HYDRO DYNE INDUSTRIES

Plot No.11, Sector No.2, Vasai Taluka Indl. Co-op. Estate Ltd.,
Gourai Pada, Vasai Road (E), Maharashtra - 401 208

Tel. :0250-2456136/137 , Fax. :0250-2456134

E-MAIL : hydin@bom4.vsnl.net.in

www.hydrodyneindustries.com