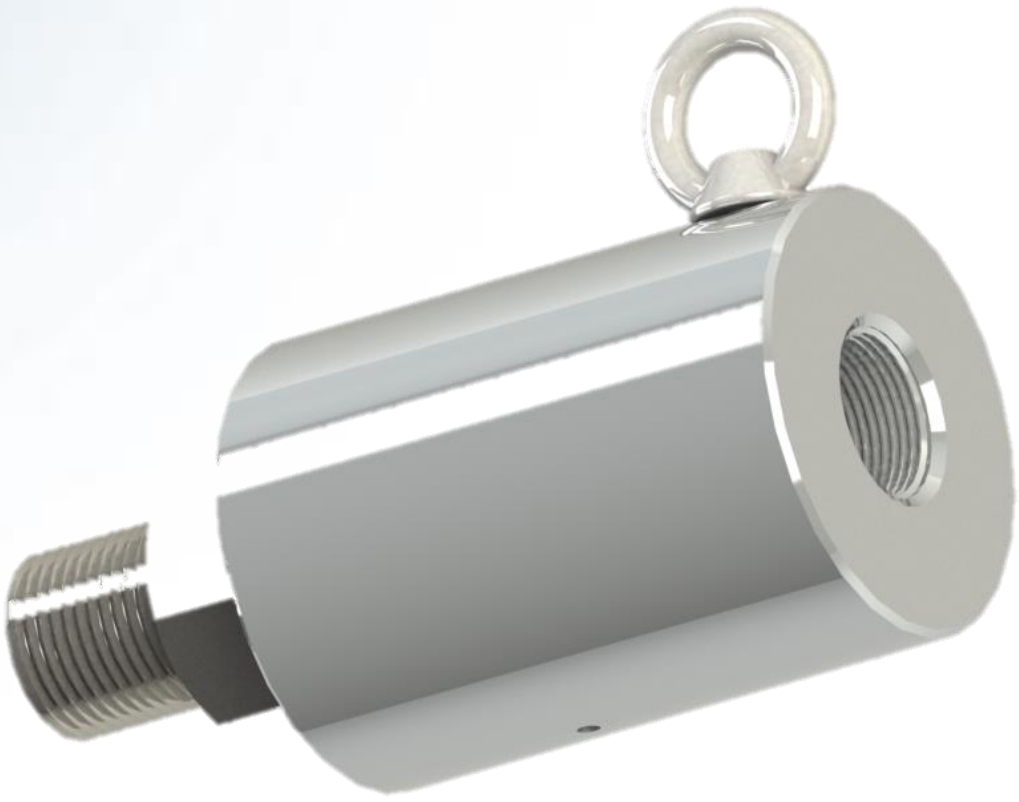
ENERTRON



www.enertron.in

Series 200

About ENERTRON

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Enertron Technologies Pvt Ltd, located in Ahmedabad, India is a vibrant, innovative and value driven company manufacturing rotary unions, swivel joints and hydraulic cylinders.

Developed in 2015, and continually improved as a result of practical requirements, ENERTRON rotating unions are at the cutting edge of technology today.

Our product range is regularly being developed and expanded. In addition to this, we offer customer specific solutions and modular designs which enables us to provide our customers with the perfect solution for virtually any application. A direct contact with customers and a close collaboration with the OEM's provide us the basis for constant improvement.

Note

Enertron Technologies Pvt Ltd has made every effort to ensure that the information contained in the publication is accurate and reliable. Determining the suitability of our products for specific applications is the user's responsibility.

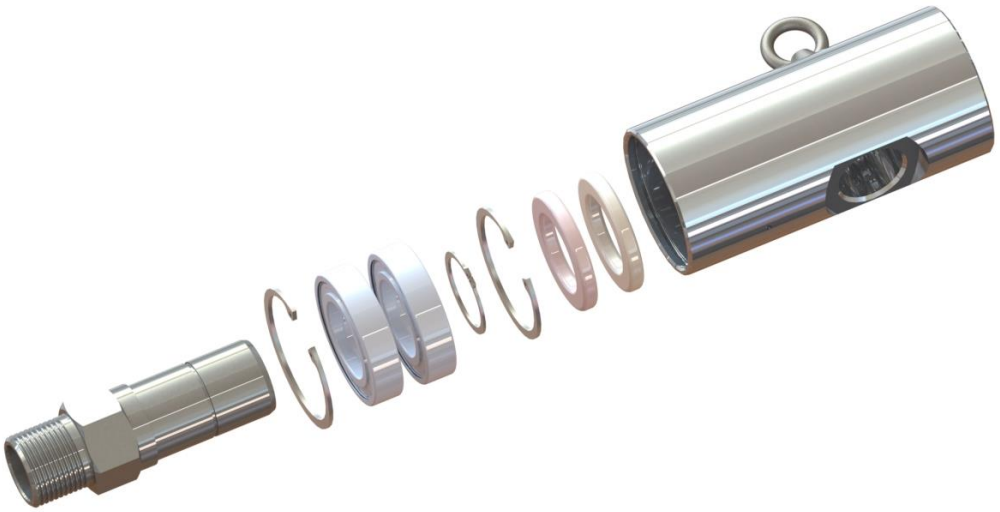
What are rotary unions?

A rotary union transfers media (water, steam, air, oil, hydraulic fluid, etc.) under pressure or vacuum from a stationary inlet to a rotating outlet; preserving and isolating the media connection.

How do I choose the rotary union for my application?

Tell us about your application. We need to know:

1. Type of media to be transferred
2. Number of media passages
3. Shaft and housing connection (Thread size and type or Flange size)
4. Operating Pressure
5. Operating Temperature
6. Operating Speed
7. Torque and load requirements
8. Flow channel (passage) size



Cross section view

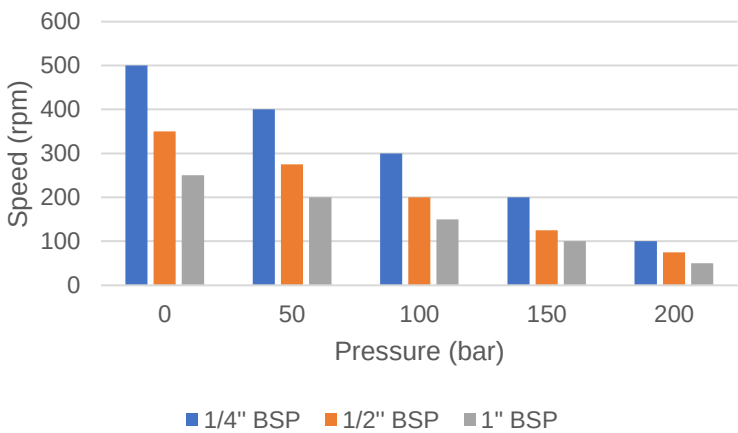
Series 200

Operating Parameters
Media: Water, Oil
Pressure : upto 200 bar (2900 psi)
Temperature : -18°C to 105° C (Applications above 105°C require different seal materials. Consult with ENERTRON if required)
Speed: upto 500 rpm
Threads: • 1/8 BSP to 2 BSP • Higher BSP models also available • NPT models also available • Flanged models also available
Material : • SS 304 Housing • Carbon steel with Electroless nickel plating housing available on request • SS 304 Shaft with hard chrome • Carbon steel with Electroless nickel plating hardened shaft available on request
Customization available

Features & Benefits

- Superior quality dynamic sealing
- Corrosion resistant housing
- Hardened Shaft
- Dual ball bearings
- Long Service Life
- Custom Modifications available

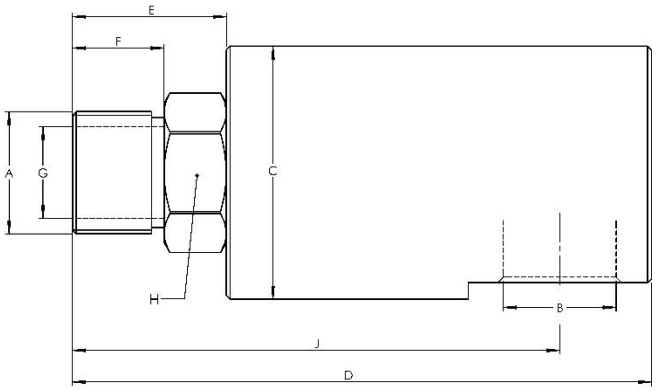
Speed- Pressure chart relation in accordance with size



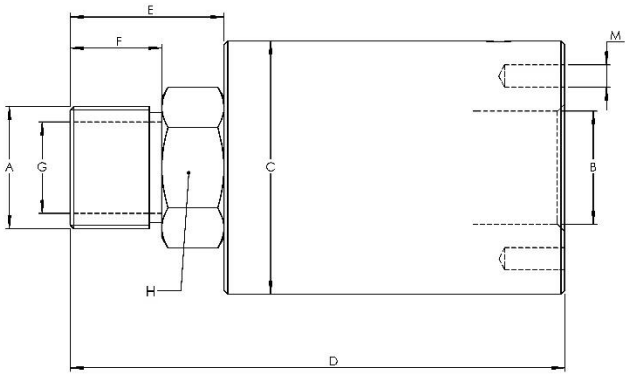
*** Chart Data gives just an idea and the values here are to be considered as approximate**

Series 200

Series 200 - Parallel
Series 210 - Perpendicular



Perpendicular



Parallel

DN	MONO-FLOW PART NO	A Rotor Connections	B BSP	Ø C	D	E	F	Ø G	H	J	M
6	200-11	1/8'' BSP	1/8'' BSP	34	73	20	12	4	14	-	M5
	210-11				80					69.5	-
8	200-22	1/4'' BSP	1/4'' BSP	39	82	23	15	6.5	16	-	M5
	210-22				89					77	-
10	200-33	3/8'' BSP	3/8'' BSP	44	94	28	18	9.5	19	-	M6
	210-33				103					88	-
15	200-44	1/2'' BSP	1/2'' BSP	49	105	30	20	12.7	22	-	M6
	210-44				115					98	-
20	200-55	3/4'' BSP	3/4'' BSP	54	115	37	22	17.5	30	-	M6
	210-55				133					111	-
25	200-66	1'' BSP	1'' BSP	69	129	42	25	25	38	-	M10
	210-66				151					126	-
32	200-77	1-1/4'' BSP	1-1/4'' BSP	79	151	53	28	32	41	-	M10
	210-77				180					149	-
40	200-88	1-1/2'' BSP	1-1/2'' BSP	89	162	57	30	38	46	-	M10
50	200-99	2'' BSP	2'' BSP	108	176	62	32	48	55	-	M12