



Special Design Features

- Self-supported rotary union
- Aluminium anodized housing to resist corrosion from media
- Stainless steel threaded rotor
- Highly precise and lubricated deep groove ball bearings for long life and stable rotation at very high speed
- Specially designed mechanical seals to sustain high pressure changes with minimum friction and wear for prolong service life
- Designed for both axial and radial application
- Available in both US and metric thread standards
- Easy installation

Technical Data

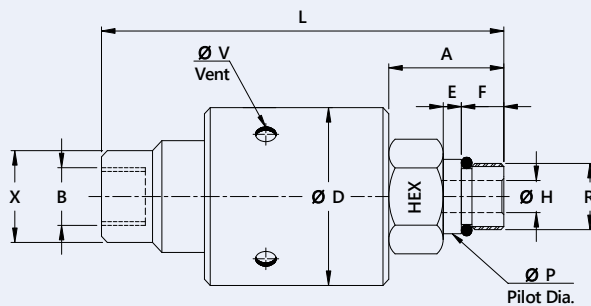
- Max. Pressure 105 bar (1,520 psi)
- Max. Temperature 70°C (160° F)
- Max. Rotor Speed 15,000 rpm
- Max. Flow of Media 20 L / min



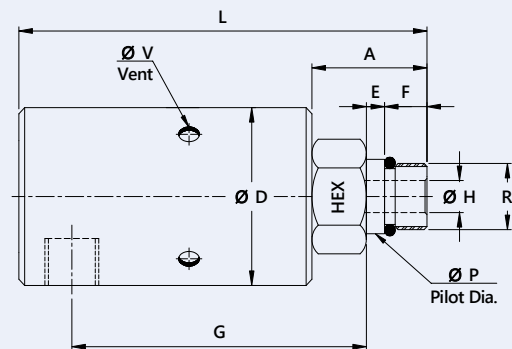
NO DRY RUN

FLUIDEN 1001 series coolant rotary unions are ideal for new installations as well as directly interchangeable with any other brands of coolant rotary unions

Axial Model (180°)



Radial Model (90°)



Model No.	'B' Port Size	'R' Rotor Thread	A	F	E	G	L	Ø D	Ø H	Ø P Pilot Dia.	V	HEX	X
1001-108-302	G 3/8" BSP	M 16 X1.5 LH	30	11	5	----	97	43	6	17.994 / 17.976	9	24	22.2
1001-208-302	3/8" NPT	M 16 X1.5 LH	30	11	5	----	97	43	6	17.994 / 17.976	9	24	22.2
1001-208-002	3/8" NPT	M 10 X 1 LH	27	11	3	----	94	43	3.2	17.994 / 17.976	9	24	22.2
1001-208-401	3/8" NPT	5/8"-18 UNF RH	33.3	14	4.7	----	100	43	6	16.650 / 16.645	9	24	22.2
1001-208-402	3/8" NPT	5/8"-18 UNF LH	33.3	14	4.7	----	100	43	6	16.650 / 16.645	9	24	22.2
1001-108-392	G 3/8" BSP	M 16 X1.5 LH	30	11	5	68	97	43	6	17.993 / 17.976	9	24	----
1001-208-392	3/8" NPT	M 16 X1.5 LH	33.3	11	5	68	97	43	6	17.994 / 17.976	9	24	----

Subject to technical & dimensional changes without prior notice.

Please do not operate at max. pressure combined with max. speed.

Customized models are available on request.