1080 Series Dry Running Coolant Rotary Unions

FLUIDEN
Assurance for Excellence

Special Design Features

- Self-supported rotary union
- Aluminium anodized housing to resist corrosion from media
- Stainless steel threaded rotor
- Highly precise and lubricated angular contact 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

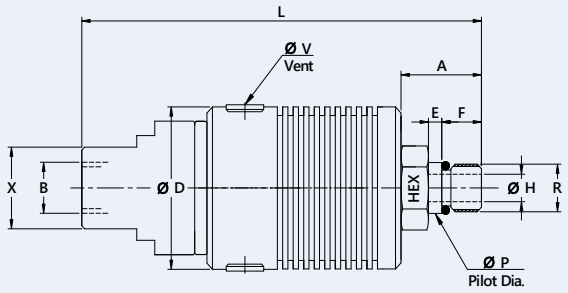
Technical Data

Max. Pressure	105 bar (1500 psi)
Max. Temperature	85°C (185° F)
Max. Rotor Speed	15,000 rpm
Max. Flow of Media	80 L / min

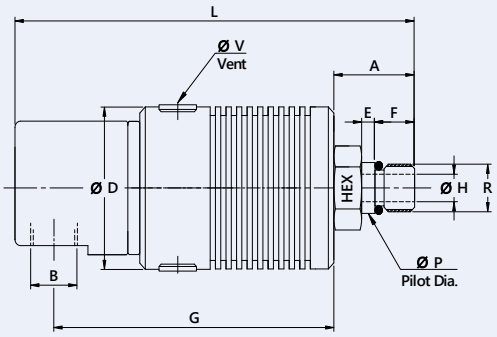
NO AIR PRESSURE WITH ROTATION

FLUIDEN 1080 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	L	G	Ø D	Ø H	Ø P Pilot Dia.	V	HEX
1080-108-301	Axial	G 1/4" BSP	M 16X1.5 - RH	25.9	10.9	5	144	65	53	8.9	17.993/17.988	G 1/8" BSP	24
1080-208-302		G 1/4" NPT	5/8"-18 UNF LH	28.9	13.9	5	141	65	53	8.9	16.650/16.644	G 1/8" BSP	24
1080-110-301		G 3/8" BSP	M 16X1.5 - RH	25.9	10.9	5	144	65	53	8.9	17.993/17.988	G 1/8" BSP	24
1080-210-302		G 3/8" NPT	5/8"-18 UNF LH	28.9	13.9	5	141	65	53	8.9	16.650/16.644	G 1/8" BSP	24
1080-108-391	Radial	G 1/4" BSP	M 16X1.5 - RH	25.9	10.9	5	144	65	53	8.9	17.993/17.988	G 1/8" BSP	24
1080-208-392		G 1/4" NPT	5/8"-18 UNF LH	28.9	13.9	5	141	65	53	8.9	16.650/16.644	G 1/8" BSP	24
1080-110-391		G 3/8" BSP	M 16X1.5 - RH	25.9	10.9	5	144	65	53	8.9	17.993/17.988	G 1/8" BSP	24
1080-210-392		G 3/8" NPT	5/8"-18 UNF LH	28.9	13.9	5	141	65	53	8.9	16.650/16.644	G 1/8" BSP	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.