1009 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

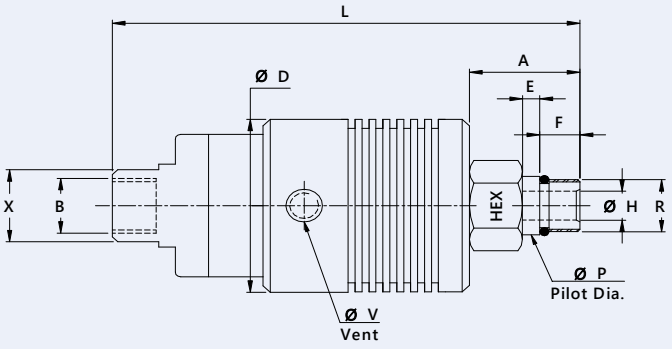
Max. Pressure	105 bar (1,520 psi)
Max. Temperature	70°C (160° F)
Max. Rotor Speed	20,000 rpm
Max. Flow of Media	24 L / min

NO AIR PRESSURE

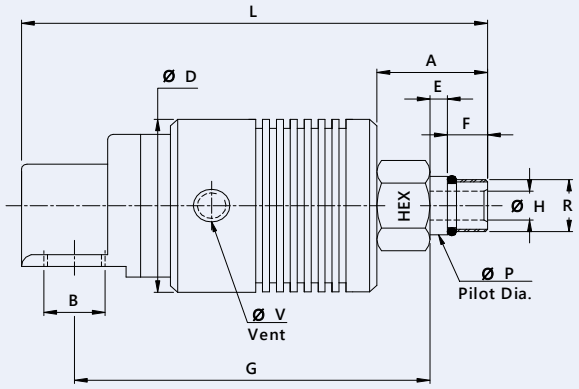
WITH ROTATION

FLUIDEN 1009 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
1009-108-302	Axial	G 1/4" BSP	M 16X1.5 LH	31	11	5	----	130	53	5	17.993/17.988	G1/4" BSP	24	22
1009-208-402		1/4" NPT	5/8"-18 UNF LH	34	14.3	5	----	134	53	5	16.650/16.644	1/4" NPT	24	22
1009-308-302		1/4" PT	M 16X1.5 LH	31	11	5	----	129	53	9	17.993/17.988	1/4" PT	24	22
1009-110-302		G 3/8" BSP	M 16X1.5 LH	31	11	5	----	130	53	9	17.993/17.988	G1/4" BSP	24	22
1009-210-402		3/8" NPT	5/8"-18 UNF LH	34	14.3	5	----	134	53	9	16.650/16.644	1/4" NPT	24	22
1009-310-302		3/8" PT	M 16X1.5 LH	31	11	5	----	129	53	9	17.993/17.988	1/4" PT	24	22
1009-108-392	Radial	G 1/4" BSP	M 16X1.5 LH	31	11	5	105	136	53	5	17.993/17.988	G1/4" BSP	24	---
1009-208-492		1/4" NPT	5/8"-18 UNF LH	34	14.3	5	105	140	53	5	16.650/16.644	G1/4" NPT	24	---
1009-308-392		1/4" PT	M 16X1.5 LH	31	11	5	105	136	53	9	17.993/17.988	1/4" PT	24	---
1009-110-392		G 3/8" BSP	M 16X1.5 LH	31	11	5	105	136	53	9	17.993/17.988	G1/4" BSP	24	---
1009-210-492		3/8" NPT	5/8"-18 UNF LH	34	14.3	5	105	140	53	9	16.650/16.644	1/4" NPT	24	---
1009-110-390		3/8" PT	M 16X1.5 LH	31	11	5	105	136	53	9	17.993/17.988	1/4" PT	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.