



## Special Design Features

- Self-supported rotary union
- Aluminum 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

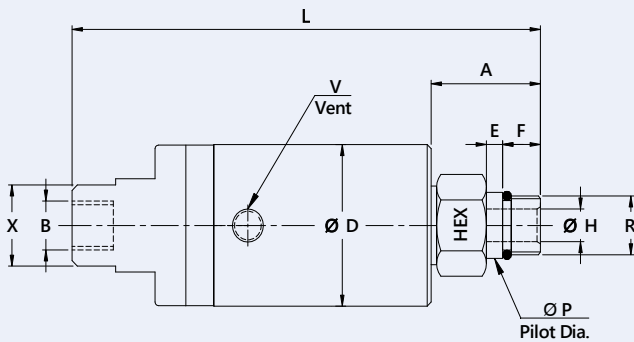
## Technical Data

- Max. Pressure 105 bar ( 1,520 psi )
- Max. Temperature 70°C ( 160° F )
- Max. Rotor Speed 20,000 rpm
- Max. Flow of Media 80 L / min

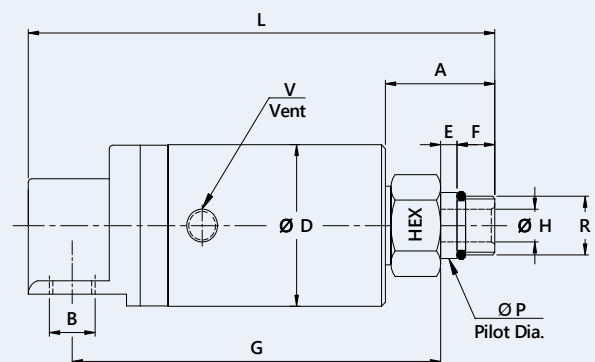


**FLUIDEN 1008** series coolant rotary unions are ideal for new installations as well as directly interchangeable with any other brands of coolant rotary unions

## Axial Model (180°)



## Radial Model (90°)



Model No.	'B' Port size	'R' Rotor Thread	A	E	F	G	L	Ø D	Ø H	Ø P Pilot Dia.	V	HEX	X	
1008-108-302	Axial	1/4" BSP	M 16X1.5 LH	30	5	11	130	----	53	9	17.993/17.975	G 1/4" BSP	24	22
1008-208-302		1/4" NPT	M 16X1.5 LH	30	5	11	130	----	44	9	17.993/17.975	Ø 9	24	22
1008-208-402		1/4" NPT	5/8"-18 UNF LH	33.3	4.7	14	133	----	44	9	16.650/16.644	Ø 9	24	22
1008-110-402		3/8" BSP	5/8"-18 UNF LH	33.3	4.7	14	130	----	44	9	16.650/16.644	Ø 9	24	22
1008-210-302		3/8" NPT	M 16X1.5 LH	30	5	11	133	----	44	9	17.993/17.975	Ø 9	24	22
1008-210-402		3/8" NPT	5/8"-18 UNF LH	33.3	5	14	133	----	44	9	17.993/17.975	Ø 9	24	22
1008-108-392	Radial	1/4" BSP	M 16X1.5 LH	30	5	11	135	105	53	9	17.993/17.975	G 1/4" BSP	24	----
1008-110-392		3/8" BSP	M 16X1.5 LH	30	5	11	135	105	44	9	17.993/17.975	Ø 9	24	----
1008-210-392		3/8" NPT	M 16X1.5 LH	30	4.7	11	135	105	44	9	16.650/16.644	Ø 9	24	----
1008-210-492		3/8" NPT	5/8"-18 UNF LH	33.3	4.7	14	138	105	44	9	16.650/16.644	Ø 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.