



## 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

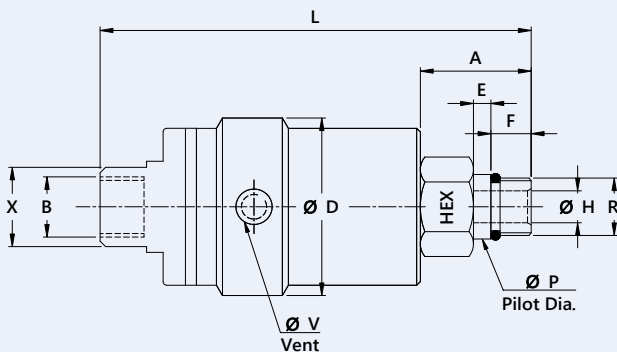
## Technical Data

- Max. Pressure 70 bar ( 1,015 psi )
- Max. Temperature 70°C ( 160° F )
- Max. Rotor Speed 12,000 rpm
- Max. Flow of Media 24 L / min

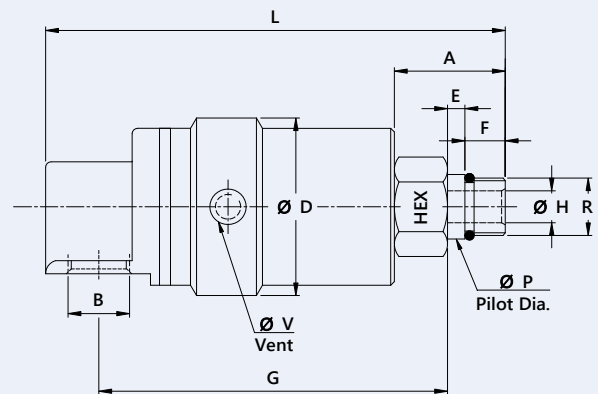
  
**NO AIR PRESSURE  
 WITH ROTATION**

**FLUIDEN 1902** 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	
1902-110-302	Axial	G 3/8" BSP	M 16X1.5-LH	32	11	5	----	130	49.5	9	17.993/17.988	1/4" BSP	24	22
1902-210-402		3/8" NPT	5/8"-18 UNF-LH	35.7	14.3	5	----	134	49.5	9	16.650/16.644	1/4" NPT	24	22
1902-310-302		3/8" PT	M 16X1.5-LH	32	11	5	----	130	49.5	9	17.993/17.988	1/4" PT	24	22
1902-110-392	Radial	G 3/8" BSP	M 16X1.5-LH	32	11	5	106	136	49.5	9	17.993/17.988	1/4" BSP	24	----
1902-210-492		3/8" NPT	5/8"-18 UNF-LH	35.7	14.3	5	106	140	49.5	9	16.650/16.644	1/4" NPT	24	----
1902-310-392		3/8" PT	M 16X1.5-LH	32	11	5	106	136	49.5	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.