

ROTARY UNION

1900 SERIES

HIGH PRESSURE SWIVEL



Operating Parameters	
MEDIA	
Water, Air, Hydraulic Fluid	
PRESSURE*	
10,150 psi	
TEMPERATURE*	
248° F	
SPEED*	
1000 RPM	
THREADS	
1/4 Inch to 3 Inch NPT	
MATERIAL	
Nickel Plated Steel	

*See Performance Charts for Details

FEATURES & BENEFITS

Hydraulic Applications

- High pressure swivel for use in hydraulic and pneumatic applications.

High Pressure

- Designed for use in very high pressure applications up to 10,150 psi.

Corrosion Resistant

- Standard models feature nickel plated carbon steel construction. Also available in all stainless steel.

GR Seal Technology

- Equipped with a GR seal for superior sealing performance.

Stability At High Pressures

- Equipped with a double acting thrust bearing and a bronze bushing. The bearing permits higher pressure, while the bushing increases the guide of the shaft to allow faster rotating speeds.

Part Numbers - 1900 Series HP Swivel

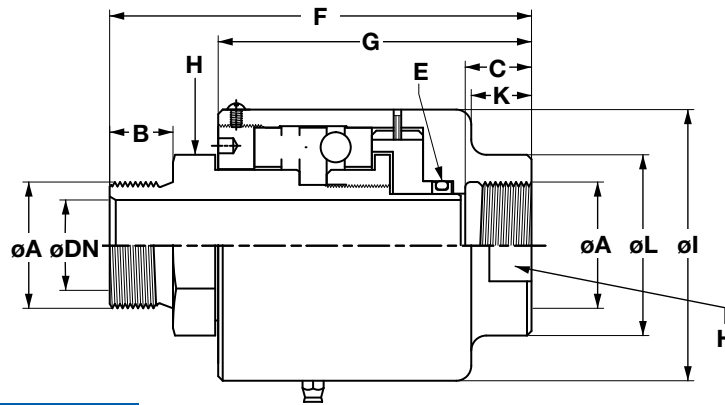
Shaft Thread (A)	Part Number	Description
1/4	750798C	R1813SRDENPT
3/8	750799C	R1817SRDENPT
1/2	750800C	R1821SRDENPT
3/4	750801C	R1827SRDENPT
1	750802C	R1834SRDENPT
1-1/4	750803C	R1842SRDENPT
1-1/2	750804C	R1849SRDENPT
2	750806C	R1860SRDENPT
2-1/2	750807C	R1876SRDENPT
3	750805C	R1890SRDENPT

Maximum Operating Pressure (psi)

Nominal Pipe Size (DN)	Maximum Pressure (psi)
1/4	10150
3/8	
1/2	8700
3/4	
1	7250
1-1/4	
1-1/2	5800
2	
2-1/2	
3	

Dimensions - 1900 Series Swivel (Inch)

Shaft Thread (A)	B	C	DN	Overall Length (F)	G	Flats (H)	Overall Diameter (I)	K	L
1/4	3/8	7/16	1/4	3-5/8	2-15/16	13/16	1-15/16	5/8	15/16
3/8	7/16	9/16	3/8	4	3-1/8	1-1/4	2-1/8	1/2	1-7/16
1/2	9/16	5/8	1/2	4-1/8	3-1/8	1-1/4	2-1/8	5/8	1-3/8
3/4	5/8	9/16	3/4	4-3/4	3-1/2	1-5/16	2-1/2	3/4	1-1/2
1	3/4	3/4	13/16	5-1/4	4	2	3-5/16	3/4	2-1/8
1-1/4	13/16	13/16	1-1/8	5-1/2	4-1/8	2-1/8	3-1/2	3/4	2-3/8
1-1/2	13/16	13/16	1-7/16	6	4-5/8	2-3/8	4-1/16	1	2-5/8
2	1	1	1-5/8	6-7/16	4-7/8	2-5/8	4-1/2	1	2-15/16
2-1/2	1-1/16	1-1/8	2	7-1/2	5-3/4	4	6	1-1/8	4-1/4
3	1-1/8	1-1/4	2-1/2	8-1/4	6-7/16	4-3/4	6-13/16	1-1/8	5-1/8



Performance Charts

