

ROTARY UNION

1650 SERIES

TWO-PORT ROTARY UNIONS



Operating Parameters

MEDIA
Water, Air, Hydraulic Fluid
PRESSURE*
2,900 psi
TEMPERATURE*
250° F
SPEED*
1,500 RPM
THREADS
<ul style="list-style-type: none"> • 1/4 Inch to 1 Inch NPT • BSP & BSPP Available
MATERIAL
Nickel Plated Steel (Also available in stainless with a hardened ceramic shaft for higher speed and longer life.)
STANDARD NUMBER OF PORTS
Two Port Design

* See Performance Charts For Details

FEATURES & BENEFITS

Two Port Design

- Features two ports for use in a wide variety of applications.

Corrosion Resistant

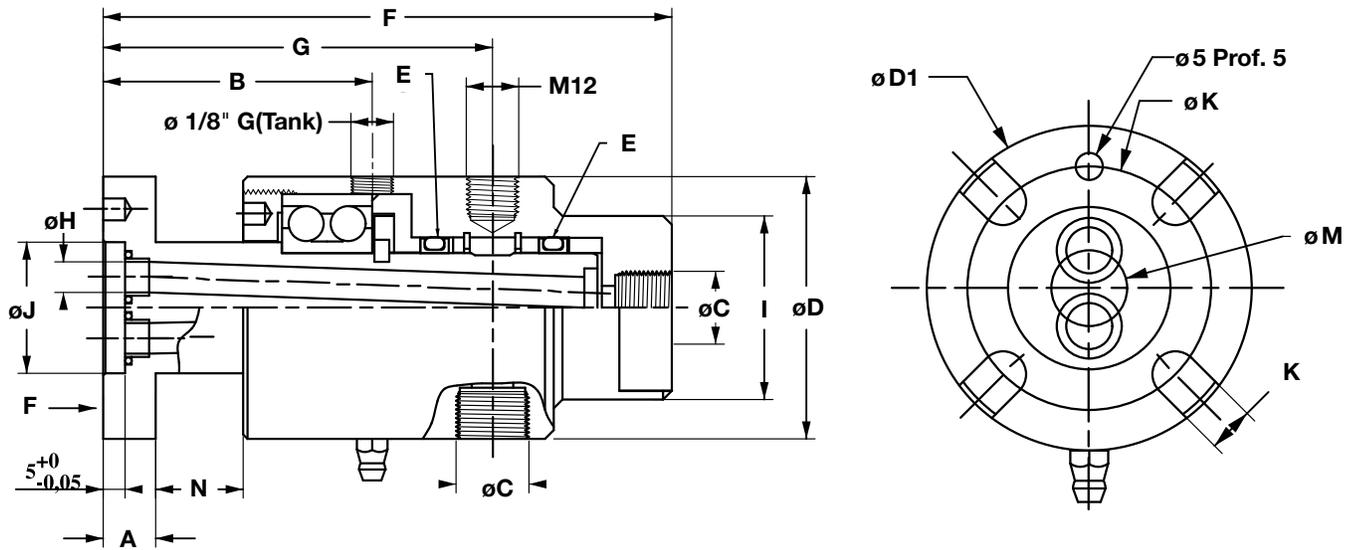
- Nickel plated steel for corrosion resistance. Also available in all stainless steel and with a hardened ceramic shaft for higher speeds and longer life.

Medium Speed & Medium Pressure Capable

- Offers the ability to use medium speed and pressure simultaneously.

No Cross Contamination

- Can be used with two dissimilar fluids. All circuits are individually sealed to eliminate cross contamination.



Part Numbers - 1650 Series Two-Port Rotary Unions

Nominal Pipe Size	Nickel Plated Steel				Hardened Shaft			
	Left Hand Thread		Right Hand Thread		Left Hand Thread		Right Hand Thread	
	Part Number	Description	Part Number	Description	Part Number	Description	Part Number	Description
2 x 1/4	760607C	L16191/4KNPT	760612C	R16191/4KNPT	760617C	L16191/4KCNPPT	760622C	R16191/4KCNPPT
2 x 3/8	760608C	L16833/8KNPT	760613C	R16833/8KNPT	760618C	L16833/8KCNPPT	760623C	R16833/8KCNPPT
2 x 1/2	760609C	L16441/2KNPT	760614C	R16441/2KNPT	760619C	L16441/2KCNPPT	760624C	R16441/2KCNPPT
2 x 3/4	760610C	L16443/4KNPT	760615C	R16443/4KNPT	760620C	L16443/4KCNPPT	760625C	R16443/4KCNPPT
2 x 1	760611C	L17601KNPT	760616C	R17601KNPT	760621C	L17601KCNPPT	760626C	R17601KCNPPT

Dimensions - 1650 Series Two-Port Rotary Unions

Nominal Pipe Size	A	B	NPT C	D	E*	F	G	H	I	Flats on (I) Diameter	J	K	L	M
1/4	.47	1.73	1/4	1.96	GR15	3.85	2.55	.11	1.18	.94	.78	1.37	.33	.39
3/8		2.42	3/8	2.36	GR25	5.11	3.50	.27	1.65	1.49	1.18	1.77		.55
1/2		2.63	1/2	3.14	GR35	5.70	3.85	.47	1.96	1.77	1.77	2.55		.82
3/4			3/4			6.49								
1	.59	3.79	1	3.54	GR50	8.26	5.51	.70	2.36	1.96	2.36	3.14	.43	1.14

* 2 seals per joint

Performance Charts

