

ROTARY UNION

1100 SERIES

SLOW ROTATION SWIVEL



Operating Parameters

MEDIA

Water, Air, Hydraulic Fluid

PRESSURE*

725 psi

TEMPERATURE*

392° F

SPEED*

60 RPM

THREADS

- 1/4 Inch to 3 Inch NPT
- BSP Available

MATERIAL

Nickel Plated Steel
(Also available in all Stainless Steel)

* See Performance Charts For Details

FEATURES & BENEFITS

Bi-Directional Swivel

- 1100 Series swivels are for applications where complete rotation is not necessary.

Designed For Slow Rotation

- Designed for swiveling or slow rotation applications.

Superior Sealing Performance

- The 1100 series has the GR seal for superior sealing performance.

Multiple Configurations

- Available with axial (straight through) flow, or radial flow with the addition of a 90° stainless steel elbow.

Corrosion Resistant

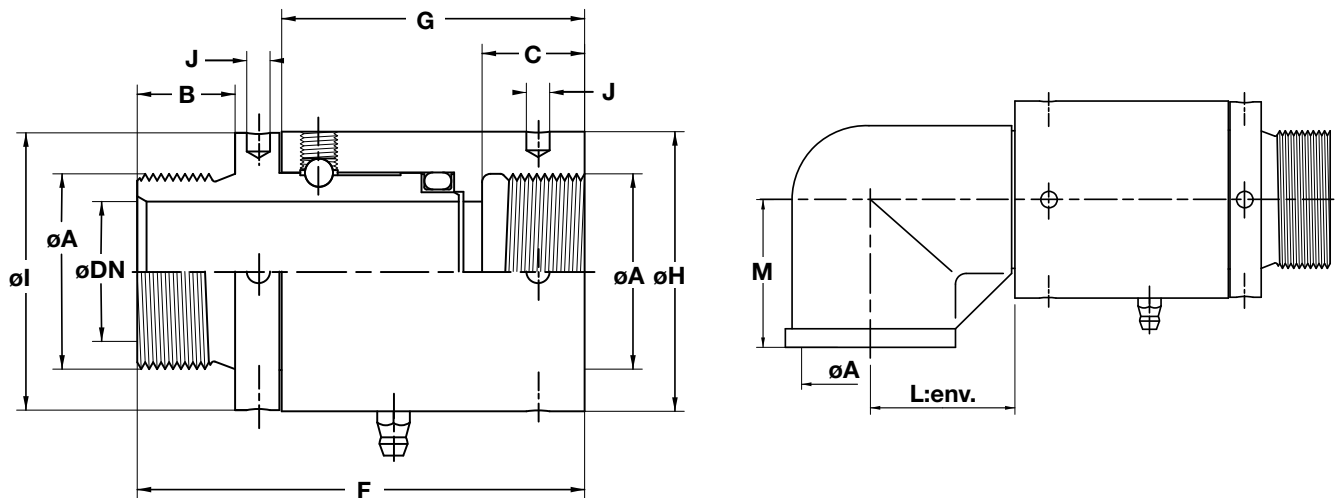
- Features nickel plated carbon steel construction. Stainless steel models are also available.

Part Numbers - 1100 Series Swivels

Nominal Pipe Size	Shaft Thread (A)	Axial Flow				with Stainless Steel Elbow			
		Nickel Plated Steel		Stainless Steel		Nickel Plated Steel		Stainless Steel	
		Part Number	Description	Part Number	Description	Part Number	Description	Part Number	Description
1/4	1/4	750839C	R1013KNPT	760628C	R1013INPT	760934	R1013KENPT	760944	R1013IENPT
3/8	3/8	750840C	R1017KNPT	750850C	R1017INPT	760935	R1017KENPT	760945	R1017IENPT
1/2	1/2	750841C	R1021KNPT	750851C	R1021INPT	760936	R1021KENPT	760946	R1021IENPT
3/4	3/4	750842C	R1027KNPT	750852C	R1027INPT	760937	R1027KENPT	760947	R1027IENPT
1	1	750843C	R1034KNPT	750853C	R1034INPT	760938	R1034KENPT	760948	R1034IENPT
1-1/4	1-1/4	750844C	R1042KNPT	750854C	R1042INPT	760939	R1042KENPT	760949	R1042IENPT
1-1/2	1-1/2	750845C	R1049KNPT	750855C	R1049INPT	760940	R1049KENPT	760950	R1049IENPT
2	2	750846C	R1060KNPT	750856C	R1060INPT	760941	R1060KENPT	760951	R1060IENPT
2-1/2	2-1/2	750847C	R1076KNPT	750857C	R1076INPT	760942	R1076KENPT	760952	R1076IENPT
3	3	750848C	R1090KNPT	750858C	R1090INPT	760943	R1090KENPT	760953	R1090IENPT

Maximum Operating Pressure (psi)

Nominal Pipe Size	Nickel Plated Steel	Stainless Steel
1/4	725	290
3/8		
1/2		
3/4		
1	435	218
1-1/4		
1-1/2		
2	290	145
2-1/2		
3		



Dimensions - 1100 Series Swivel (Inch)

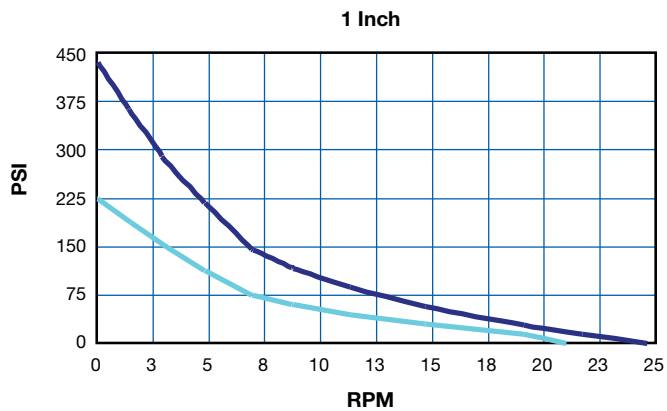
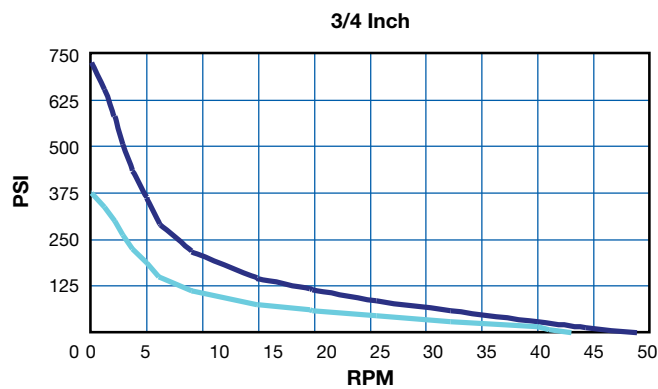
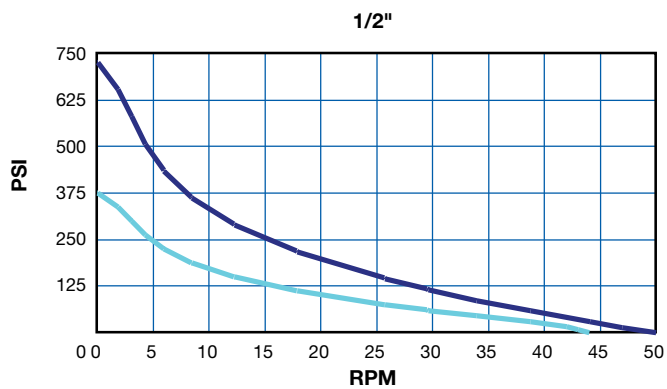
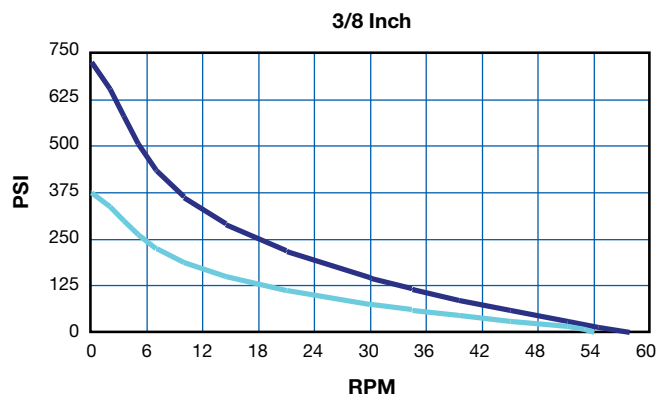
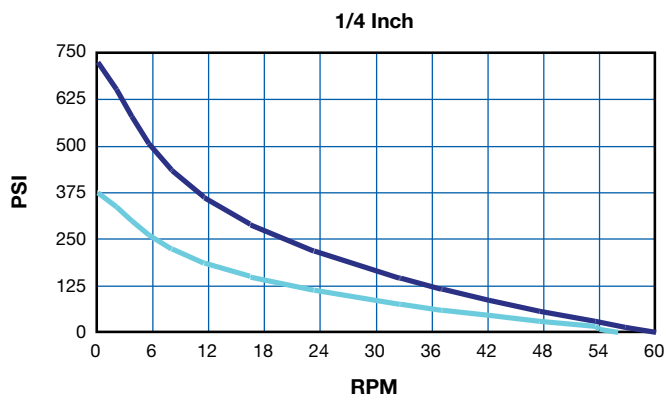
Nominal Pipe Size	Shaft Thread (A)	B	C	DN	Overall Length (F)	G	Overall Diameter (H)	I	J	L	M
1/4	1/4	.39	.43	.27	1.87	1.22	.98	.74	.19	.78	.78
3/8	3/8	.43	.47	.39	2.06	1.37	1.25	1.02		1.10	.94
1/2	1/2	.55	.59	.43	2.30	1.49	1.25	1.02		1.18	1.10
3/4	3/4	.62	.66	.70	2.97	2.00	1.77	1.49		1.25	1.25
1	1	.74	.78	.98	3.42	2.36	2.04	2.04	.23	1.53	1.49
1-1/4	1-1/4	.82	.86	1.18	3.77	2.55	2.36	2.36		1.73	1.77
1-1/2	1-1/2			1.49	3.85	2.63	2.55	2.55		2.00	1.96
2	2	.98	1.02	1.88	4.48	3.07	3.14	3.14	.27	2.36	2.28
2-1/2	2-1/2	1.10	.90	2.36	4.46	2.95	3.74	3.74		2.95	2.75
3	3	1.18	1.02	2.95	4.78	3.18	4.17	4.17		3.42	3.07

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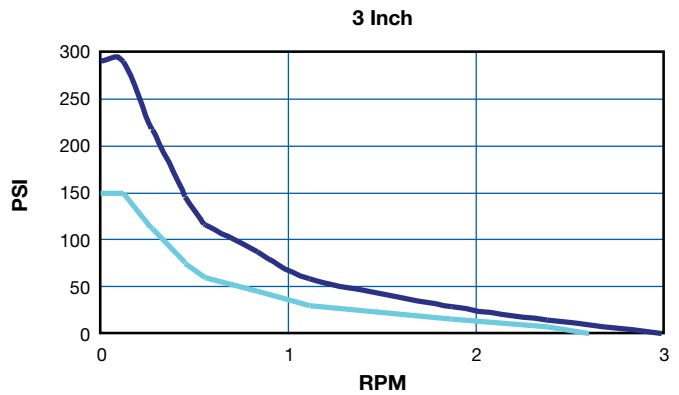
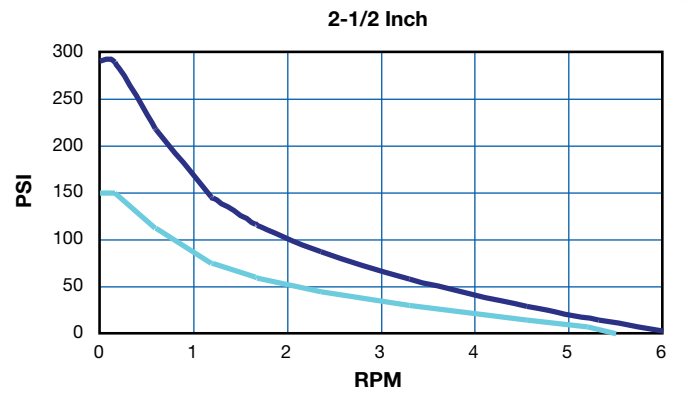
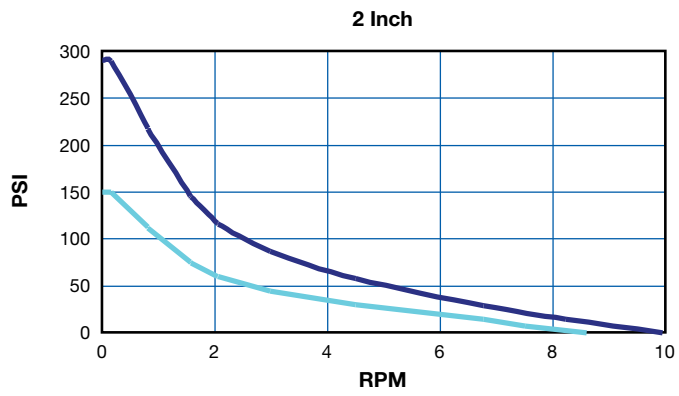
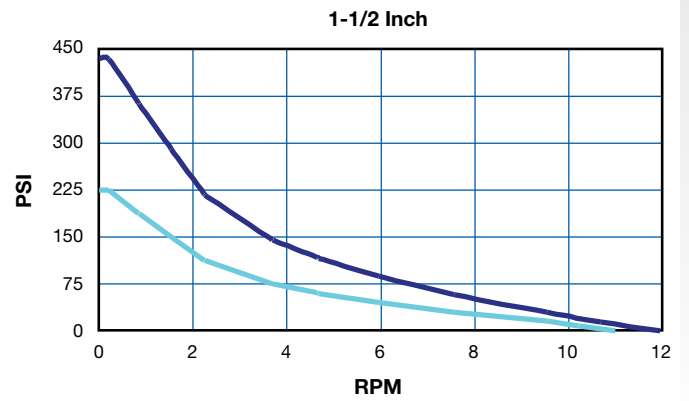
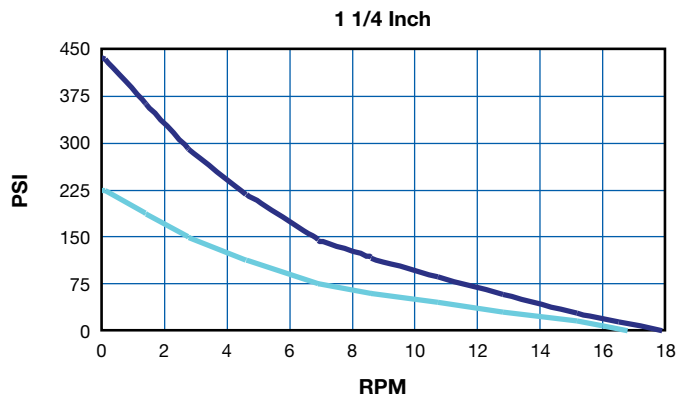
SLOW ROTATION SWIVEL

Performance Charts



Standard Material
 Stainless Steel

Performance Charts



Standard Material
 Stainless Steel