1102 SERIES

SLOW ROTATION SWIVEL

Operating Parameters

MEDIA

Water, Air, Hydraulic Fluid

PRESSURE*

1,160 PSI

TEMPERATURE*

392° F

SPEED*

90 RPM

THREADS

- 1/4" to 6" NPT
- BSP Available

MATERIAL

Nickel Plated Steel

Also Available In All Stainless Steel

** See Performance Charts For Details*

Features & Benefits

Bi-Directional Swivel

1102 Series swivels are for applications where complete rotation is not necessary.

Slow Rotation Applications

Designed for swiveling or slow rotation applications.

High Pressure

The 1102 will operate at pressures up to 1160 psi.

Superior Sealing Performance

The 1102 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.

Stability At Higher Speeds & Pressures

The 1102 Series offers two ball races which allow for increased pressure and speed.

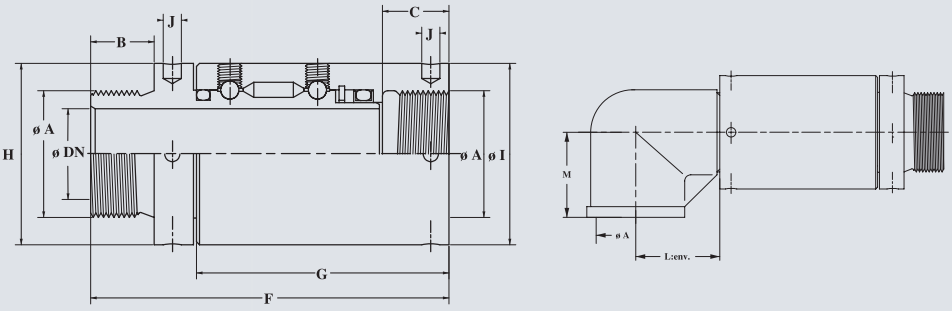
1102 SERIES SWIVELS

PART NUMBERS

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	**750859C**	R1013K2NPT	**750872C**	R1013I2NPT	**760980C**	R1013K2ENPT	**760993C**	R1013I2ENPT
3/8	3/8	**750860C**	R1017K2NPT	**750873C**	R1017I2NPT	**760981C**	R1017K2ENPT	**760994C**	R1017I2ENPT
1/2	1/2	**750861C**	R1021K2NPT	**750874C**	R1021I2NPT	**760982C**	R1021K2ENPT	**760995C**	R1021I2ENPT
3/4	3/4	**750862C**	R1027K2NPT	**750875C**	R1027I2NPT	**760983C**	R1027K2ENPT	**760996C**	R1027I2ENPT
1	1	**750863C**	R1034K2NPT	**750876C**	R1034I2NPT	**760984C**	R1034K2ENPT	**760997C**	R1034I2ENPT
1-1/4	1-1/4	**750864C**	R1042K2NPT	**750877C**	R1042I2NPT	**760985C**	R1042K2ENPT	**760998C**	R1042I2ENPT
1-1/2	1-1/2	**750865C**	R1049K2NPT	**750878C**	R1049I2NPT	**760986C**	R1049K2ENPT	**760999C**	R1049I2ENPT
2	2	**750866C**	R1060K2NPT	**750879C**	R1060I2NPT	**760987C**	R1060K2ENPT	**770000C**	R1060I2ENPT
2-1/2	2-1/2	**750867C**	R1076K2NPT	**750880C**	R1076I2NPT	**760988C**	R1076K2ENPT	**770001C**	R1076I2ENPT
3	3	**750868C**	R1090K2NPT	**750881C**	R1090I2NPT	**760989C**	R1090K2ENPT	**770002C**	R1090I2ENPT
4	4	**750869C**	R10114K2NPT	**750882C**	R10114I2NPT	–	–	–	–
5	5	**750870C**	R10140K2NPT	**750883C**	R10140I2NPT	–	–	–	–
6	6	**750871C**	R10165K2NPT	**750884C**	R10165I2NPT	–	–	–	–

MAXIMUM OPERATING PRESSURE (psi)

Nominal Pipe Size	Nickel Plated Steel	Stainless Steel
1/4	1160	435
3/8	1160	435
1/2	1160	435
3/4	870	360
1	870	360
1-1/4	580	290
1-1/2	580	290
2	435	215
2-1/2	435	215
3	435	215
4	290	145
5	290	145
6	215	115



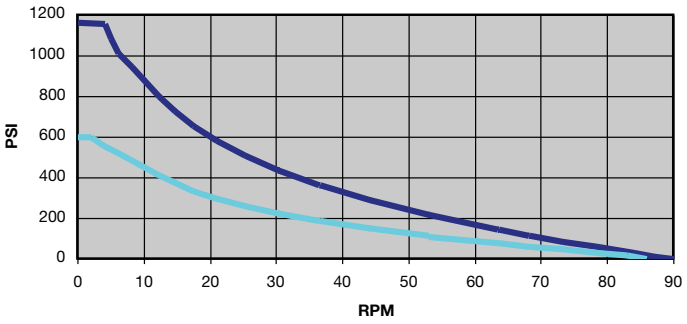
1102 SERIES SWIVEL (in.)

DIMENSIONS

Nominal Pipe Size	Shaft Thread (A)	B	C	DN	F	G	H	I	J	L	M
1/4	1/4	.39	.43	.27	2.48	1.77	.74 (flats)	.98	.19	.78	.78
3/8	3/8	.43	.47	.39	2.83	2.00	1.02 (flats)	1.25	.19	1.10	.94
1/2	1/2	.55	.59	.43	3.07	2.12	1.02 (flats)	1.25	.19	1.18	1.10
3/4	3/4	.62	.66	.70	3.77	2.65	1.49 (flats)	1.77	.23	1.25	1.25
1	1	.74	.78	.98	4.21	2.97	2.04	2.04	.23	1.53	1.49
1-1/4	1-1/4	.82	.86	1.18	4.64	3.28	2.36	2.36	.23	1.73	1.77
1-1/2	1-1/2	.82	.86	1.49	5.15	3.79	2.55	2.55	.23	51	1.96
2	2	.98	1.02	1.88	5.90	4.38	3.14	3.14	.27	2.36	2.28
2-1/2	2-1/2	1.10	1.18	2.36	6.73	5.03	3.74	3.74	.27	2.95	2.75
3	3	1.18	1.25	2.95	7.28	5.51	4.17	4.17	.27	3.42	3.07
4	4	1.37	1.57	3.93	8.00	6.18	5.43	5.43	.27	–	–
5	5	1.37	1.57	4.72	8.00	6.18	6.69	6.69	.27	–	–
6	6	1.37	1.57	5.90	8.00	6.18	7.87	7.87	.27	–	–

Performance Charts

1/4" & 3/8"



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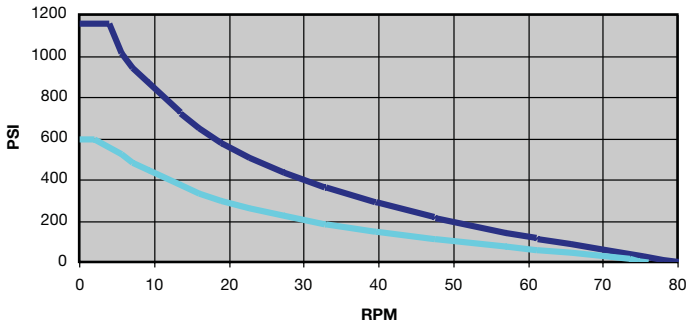

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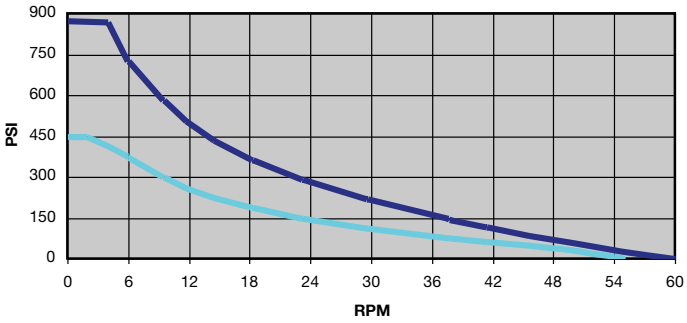

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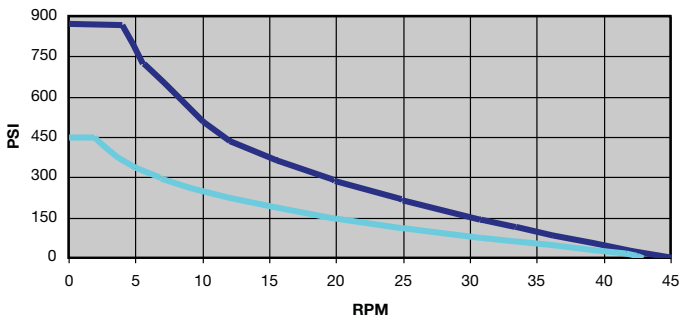

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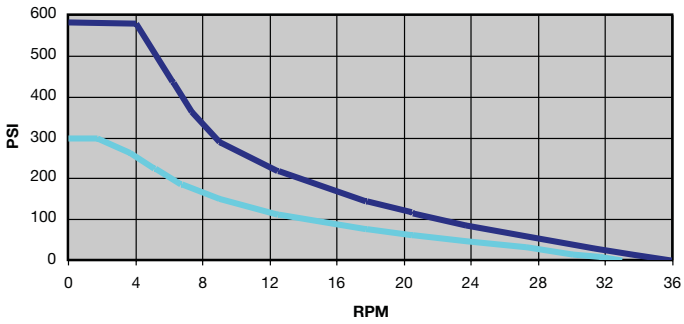

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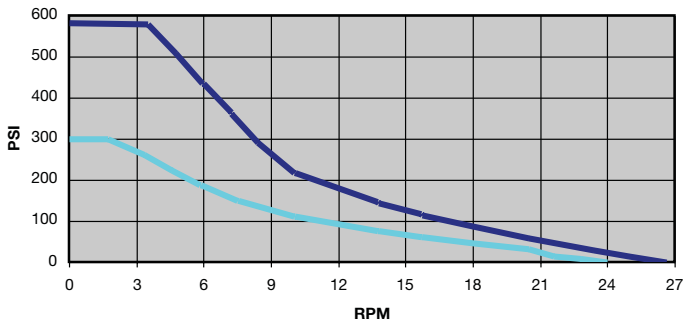
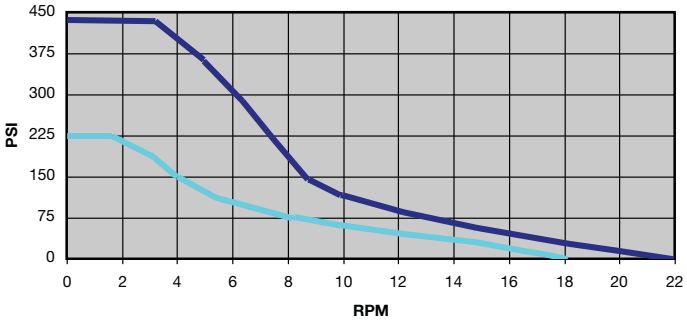


Standard Materials Stainless Steel

Performance Charts

2"



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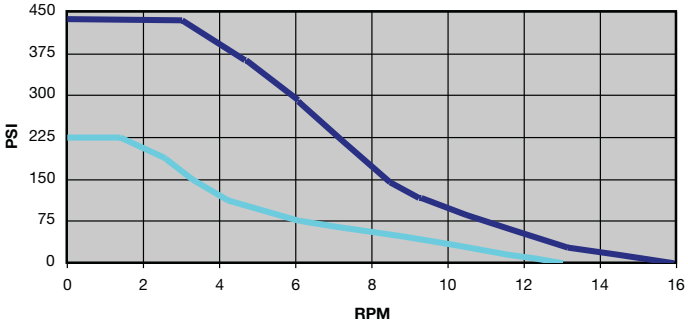

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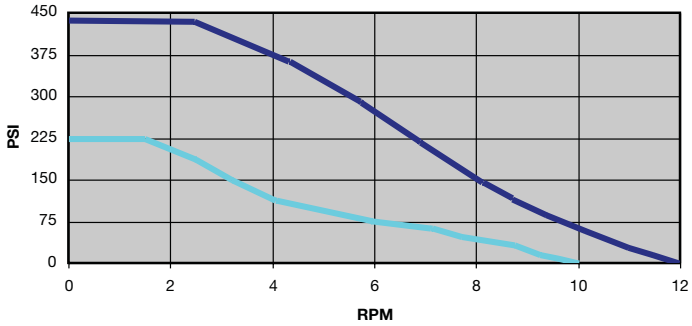

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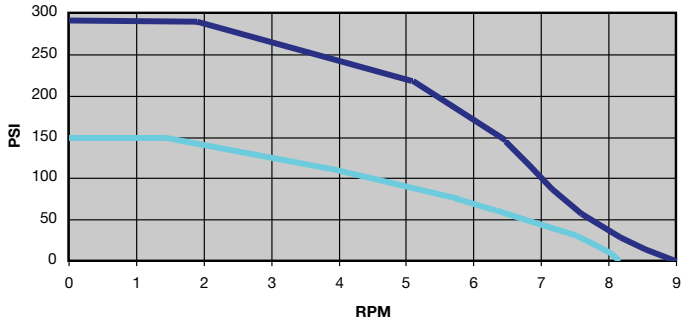

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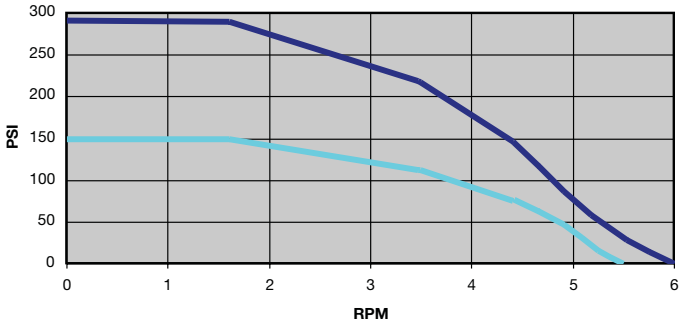

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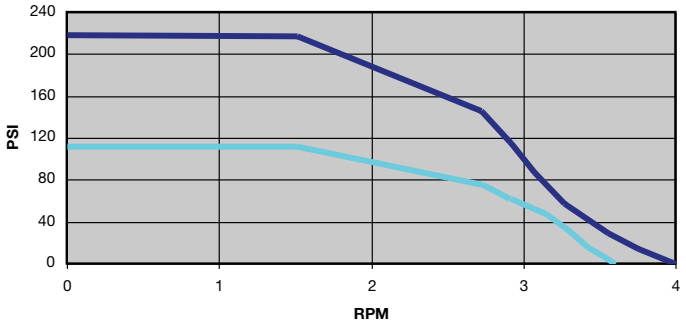

Standard Materials Stainless Steel