

# 3000 Series Swivels

## ORDERING GUIDE



**Style 10**  
3 planes of rotation



**Style 20**  
1 plane of rotation



**Style 30**  
1 plane of rotation



**Style 40**  
1 plane of rotation



**Style 50**  
2 planes of rotation



**Style 60**  
2 planes of rotation



**Style 70**  
2 planes of rotation



**Style 80**  
3 planes of rotation

### Style (Planes of Rotation)

#### Construction

<b>Conventional Hose Reel Swivels</b>	26 - Aluminum Hose Reel
	28 - Ductile Iron Hose Reel
<b>Conventional Swivels</b>	32 - Steel, High Pressure Cast
	33 - Bronze
	34 - Steel, Fabricated
	36 - Aluminum
	37 - 316 Stainless Steel, Cast
	38 - Ductile Iron
	39 - 316 Stainless Steel, Fab.
<b>Endura Split Flange Swivels</b>	74 - Steel Endura LPG Hose Reel
	79 - 316 SST Endura LPG Hose Reel
	82 - Steel Endura DSF Single Race
	84 - Steel Endura DSF Dual Race
	87 - 316 SST Endura DSF Single Race
	89 - 316 SST Endura DSF Dual Race

Alloy 20, Hastelloy<sup>®</sup>, Monel<sup>®</sup>, Duplex, and other materials available

Style 44 is drop tube swivel w/handle. Styles 35, 45, 55 have threaded boss. Styles 56, 58 76, 78 have spring balance attachment lugs.

## 3420F - 0403

#### End Connections

<b>F</b>	- 150 lb. ANSI flange both ends
<b>F3</b>	- 300 lb. ANSI flange both ends
<b>FFT</b>	- 150 lb. ANSI flanged inlet x TTMA tank truck flange outlet
<b>FJ</b>	- For submerged use, 150 Lb. ANSI flange both ends
<b>FO</b>	- 150 lb. flange x female NPT threads
<b>FSB</b>	- 150 lb. flange both ends, with spring balance attachment lugs
<b>FT</b>	- TTMA tank truck flange both ends
<b>FTH</b>	- TTMA tank truck flange both ends, with handle
<b>VO</b>	- Victaulic <sup>®</sup> x female NPT threads
<b>FTO</b>	- TTMA tank truck flange inlet x female NPT threaded outlet
<b>J</b>	- For submerged use
<b>LFT</b>	- Long swivel joint with TTMA tank truck flanges
<b>TFT</b>	- Female NPT threaded inlet x TTMA tank truck flange outlet
<b>VOG</b>	- Female NPT threads x Victaulic <sup>®</sup> groove, hard coat anodized aluminum
<b>W</b>	- Beveled for welding both ends

NO SUFFIX LETTER indicates Female NPT threads both ends. 300 lb. flanges available on some models. BSPT threads available.

#### Seal Materials

- 1 - Buna-N (Standard)
  - 2 - Fluorocarbon
  - 3 - PTFE Encapsulated Silicone (FDA Approved)
  - 4 - EPDM
  - 9 - Kalrez<sup>®</sup>
- Kalrez<sup>®</sup>, Chemraz<sup>®</sup> and other seal materials available

#### Size

<b>007</b>	- 3/4"
<b>010</b>	- 1"
<b>012</b>	- 1-1/4"
<b>015</b>	- 1-1/2"
<b>020</b>	- 2"
<b>030</b>	- 3"
<b>040</b>	- 4"
<b>060</b>	- 6"
<b>080</b>	- 8"
<b>100</b>	- 10"
<b>120</b>	- 12"

*Availability of styles, sizes and materials may vary depending upon swivel configuration. Consult OPW Customer Service regarding your exact requirements.*