

## Ordering Information - Swivels

To select the proper swivel joint you need the following information:

Size: \_\_\_\_\_ Style (shape): \_\_\_\_\_

End Configuration: \_\_\_\_\_ Material: \_\_\_\_\_

Maximum Working Pressure: \_\_\_\_\_ Temperature Range: \_\_\_\_\_

Product being handled: (if a chemical, please advise concentration) \_\_\_\_\_

If for constant rotation, advise RPM: \_\_\_\_\_

If for suction service, advise maximum vacuum in inches of Mercury (Hg): \_\_\_\_\_

The Dixon sales team and engineering staff will be happy to help you evaluate your swivel application. Please call 800.355.1991.

	<i>swivel size</i>	<i>swivel style</i>	<i>configuration</i>	<i>end configuration</i>	<i>swivel material</i>	<i>pressure seal (Buna-N standard)</i>	<i>dust seal (Buna-N standard)</i>	<i>retainers (V-Ring ONLY)</i>	<i>ball bearings (carbon steel standard)</i>	<i>grease</i>
<b>Example</b>	<u>2</u> [A]	<u>20</u> [B]	<u>F</u> [C]	X [C]	<u>CS</u> [D]	<u>0</u> [E]	<u>0</u> [F]	<u>1</u> [G]	<u>0</u> [H]	<u>0</u> [I]

- [A] Size
- [B] Style (see diagrams)

[C] End Connections	<b>W</b> Weld End	<b>F</b> Female End	<b>FG</b> 150# ASA Flange	<b>TF</b> Tank Truck Flange	<b>PF</b> 300# ASA flange (not available on aluminum)
[D] Material	<b>CS (V-Ring)</b> carbon steel	<b>SS (V-Ring)</b> stainless steel	<b>AL</b> aluminum	<b>BR</b> brass	<b>MI</b> malleable iron
	<b>OC (O-Ring)</b> carbon steel	<b>OS (O-Ring)</b> stainless steel			

Code #	[E] Pressure Seal	[F] Dust Seal	[G] Retainers	[H] Ball Bearings	[I] Grease
0	Buna-N (standard)	Buna-N (standard)	No retainers (O-ring swivels)	Carbon steel (standard)	Standard
1	Viton®	Viton®	Aluminum (standard in CS V-ring)	440 grade stainless	FDA approved/ Food grade
2	PTFE	---	PTFE (standard in SS V-ring)	316 grade stainless	Silicone (required with EPR seals)
3	Ethylene Propylene (requires silicone grease)	Ethylene Propylene (requires silicone grease)	---	---	---
4	FDA Buna (O-ring only)	FDA Buna	---	---	---

The swivel should be packed so that the surfaces coming in contact with the fluid being handled are compatible with that fluid. In the case of the use of the swivel in submerged service this would include the dust seals and ball bearings.

Dixon always recommends the use of stainless steel ball bearings when building a swivel for submerged service since the standard carbon steel bearings could rust together making it impossible to disassemble the swivel and possibly affecting its operation.