

ENDURA™

8000 SERIES DUAL SPLIT FLANGE SWIVEL

NEW
6"
SIZE



OPW 
ENGINEERED SYSTEMS
a **DOVER** company

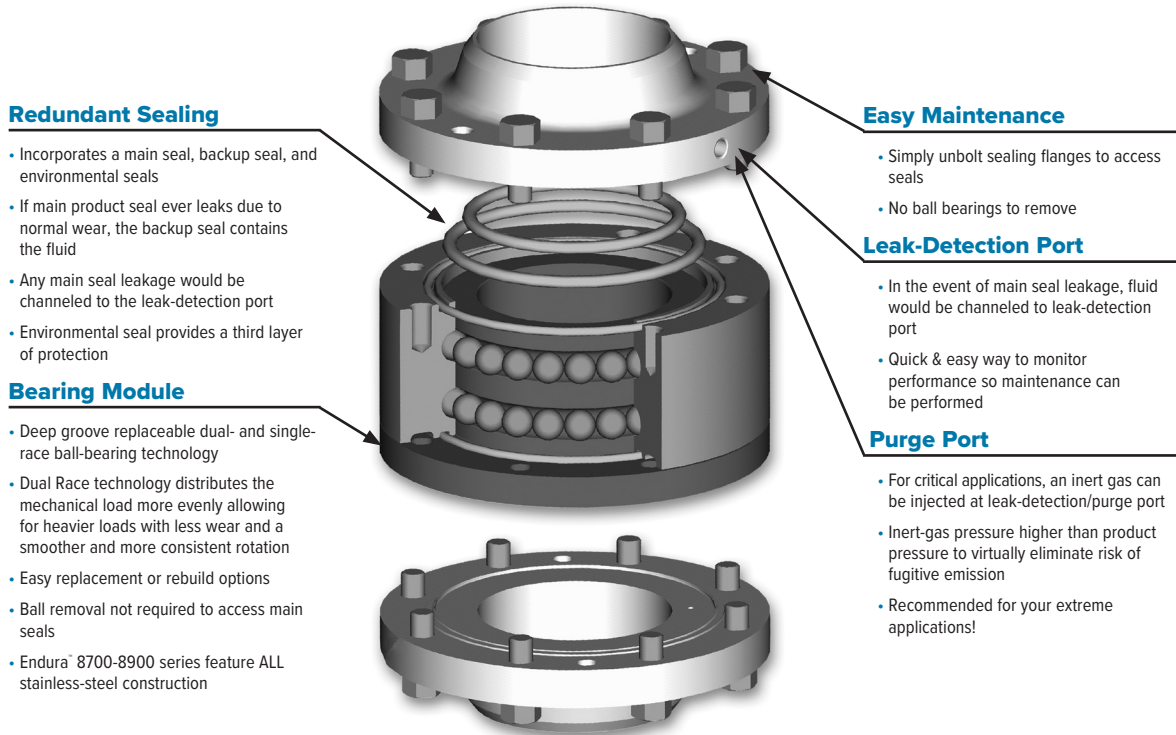
Designed for Performance and Easy Maintenance

The **ENDURA™** 8000 Series Dual Split Flange (DSF) Swivel from OPW Engineered Systems leads the industry in swivel innovation and technology. Specifically designed for the transfer of hazardous materials such as LPG, acids, solvents, petrochemicals and other toxic fluids, ENDURA sets the industry standard in swivel performance and cost-effective operation.









Features & Benefits:

- **360° Rotation.** Full range of motion for ease of use
- **Deep-Groove Replaceable Dual Ball Bearing Technology.** A precision-engineered, one-piece, ball-bearing assembly eliminates the need for individual balls. If needed, ball-bearing replacement is quick and easy.
- **Dual Race Option.** Distributes the mechanical load more evenly allowing for heavier loads with less wear and a smoother and more consistent rotation.
- **500 PSI Pressure Rating.** For the most demanding applications.
- **Triple Protection Redundant Seal System.** Incorporates a main seal, backup seal, and environmental. A wide range of seal options are available including Buna, Fluorocarbon, PTFE/Silicon (FDA Approved), EDPM, Food Grade Nitrile, and FFKM.
- **Built-In Leak Detection.** A leak-detection port in the side of the swivel provides a quick and easy way to monitor seal leakage.
- **Material and Size Versatility.** Manufactured in carbon and stainless steel and available in 2", 3", 4", and 6" sizes.

The innovative modular design allows for quick and easy disassembly and repair which means less downtime, less labor, and less cost. The heavy-duty construction ensures long life reliability while the split flange allows for cost-effective preventative maintenance servicing and the easiest, most cost-effective seal and bearing replacement of any swivel.



Order 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
							

How To Order:

EXAMPLE ORDER:

1	2	3		4	5		6
89	45	F	-	040	1	-	HBK

1 CONSTRUCTION

- 82** = Carbon Steel Single Race
- 84** = Carbon Steel Dual Race
- 87** = 316 Stainless Steel Single Race
- 89** = 316 Stainless Steel Double Race

2 STYLES (PLANES OF ROTATION)

Refer to the OPW Basic Swivel Joint Styles
 - Styles 35, 45, and 55 have a threaded boss
 - Styles 56, 58, 76 and 78 have spring balance attachment lugs

3 END CONNECTIONS

- Blank = FNPT threads both ends
- F** = 150 lb. ANSI flange goth ends
- F3** = 300 lb. ANSI flange both ends
- FF** = 150 lb. ANSI Flange inlet x TTMA tank truck flange outlet
- FJ** = For submerged use, 150 lb. ANSI flange both ends
- FO** = 150 lb. flange x female NPT threads
- FSB** = 150 lb. flange both ends, with spring balance attachment lugs
- FT** = TTMA tank truck flange both ends
- FTO** = TTMA tank truck flange inlet x female NPT threaded outlet
- FW** = 150 lb. flange x weld end
- J** = For submerged use
- W** = Beveled for welding both ends

4 SIZES

- 020** = 2"
- 030** = 3"
- 040** = 4"
- 060** = 6"

5 SEAL MATERIALS

- 1** = Buna-N (Standard)
- 2** = Fluorocarbon
- 3** = PTFE / Silicone (FDA Approved)
- 4** = EPDM
- 5** = Food Grade Nitrile
- 9** = FFKM

6 OPTIONS

HBK = H-Block