



FORD® PLANT SOLUTIONS

Ford Equipment Connection Fitting - FECF

01/2022

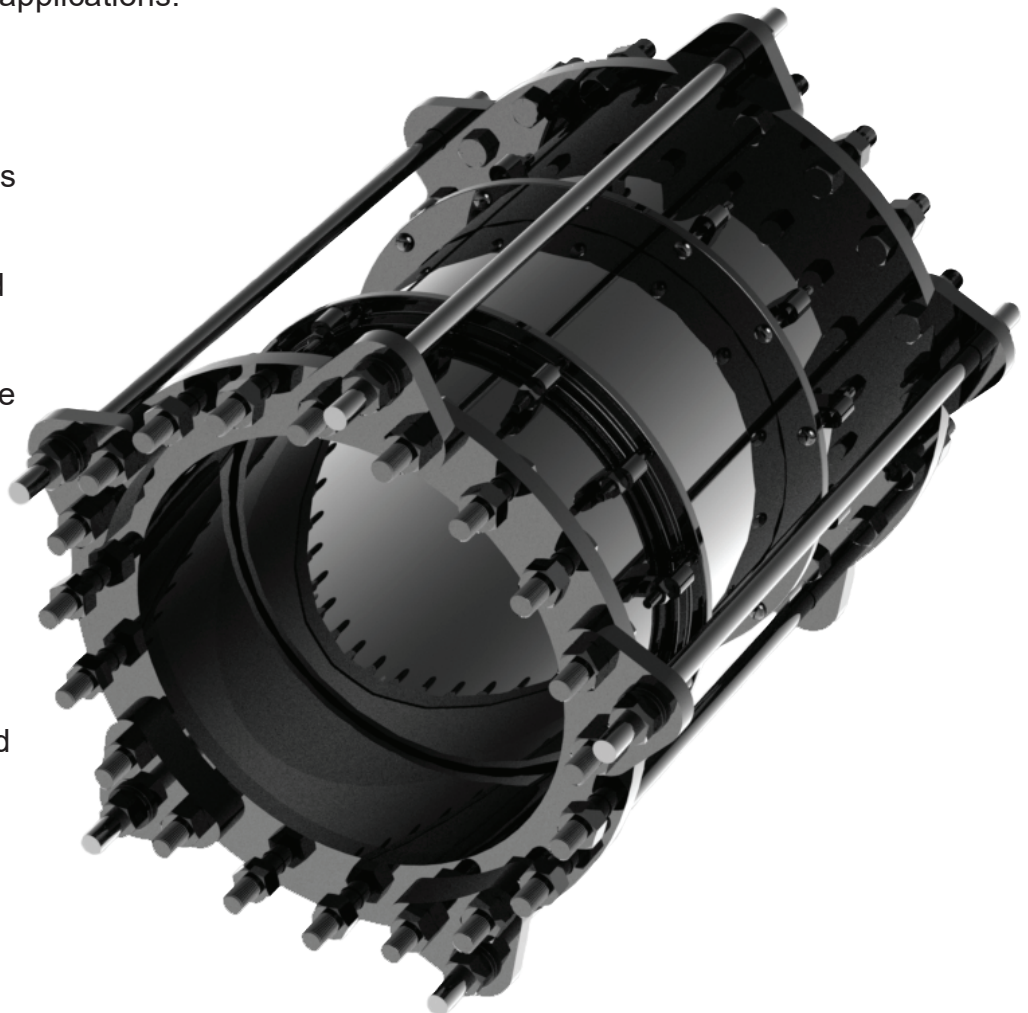
Misalignment is not a problem!

Easily connect or replace flanged fittings with the Ford Equipment Connection Fitting.

The FECF allows as much as $\frac{3}{4}$ " offset or 4° deflection* between flange faces for ultimate connection ease and flexibility. Axial rods with spherical alignment washers provide pipe restraint between flange connections. In addition to offset or angular misalignment, the FECF has the same longitudinal adjustment found in dismantling joints. This results in the FECF being essential for flanged connections, especially in industrial and plant applications.

Features:

- Available in sizes 3" - 24" for AWWA, ASME, and ISO flanges
- Rated for 275 psi on sizes 3"-6", 175 psi on sizes 8"-12", and 150 psi on sizes 14"-24"
- Spherical washers on the flange lugs keep rods straight and properly loaded
- Fusion bonded epoxy (per AWWA C213) on all major components
- Rods are ASTM A193 B7 steel material with 304 (B8) and 316 (B8M) stainless steel available
- Options include stainless steel hardware and EPDM or NBR gasket material



*Maximum deflection based on nominal pipe size. See chart on back.

Your treatment plant partner

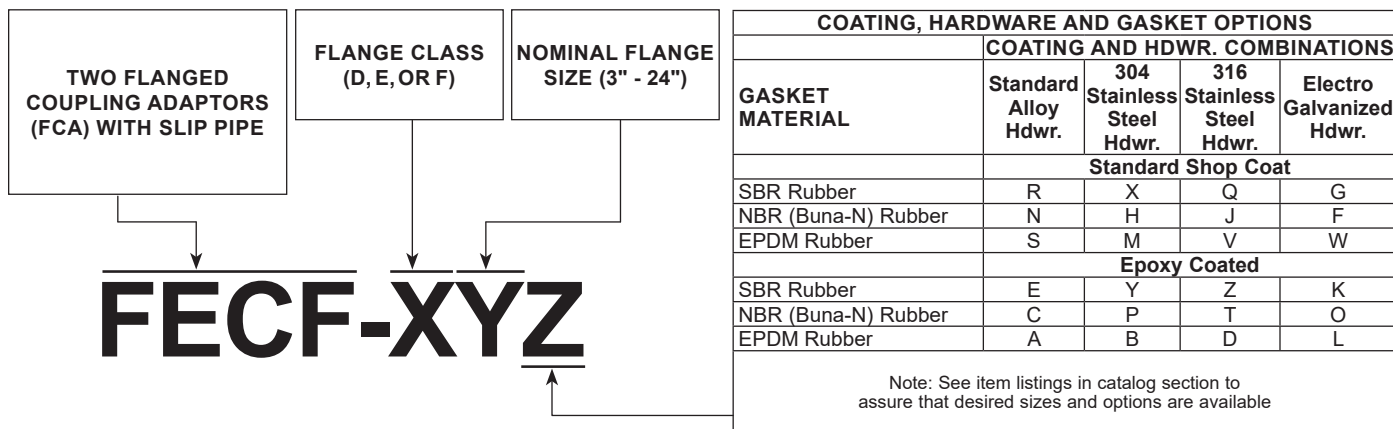
The Ford Meter Box Company, Inc. 775 Manchester Avenue, P.O. Box 443, Wabash, Indiana, USA 46992-0443
Phone: 260-563-3171 • www.fordmeterbox.com

FECF



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PART NUMBER STRUCTURE



“U/U100” can be added to the end of the catalog number to indicate domestic requirements.

Part number example: FECF-D16R designates an FECF with 16" class D flange and SBR gasket and standard alloy bolts.

PRESSURE RATING

NOMINAL PIPE SIZE	RWP (PSI)	SAFETY FACTOR
3" - 6"	275	2:1
8" - 12"	175	2:1
14" - 24"	150	2:1

ALLOWABLE OFFSET AND DEFLECTION

NPS	APPROX. FACE TO FACE DISTANCE (A)			OFFSET (IN)		DEFLECTION (DEG)		TIE ROD		
	MIN	NOM	MAX	AT A MIN	AT A MAX	AT A MIN	AT A MAX	LENGTH	SIZE	QTY
3"	25"	26"	27"	0.5"	0.75"	3°	3.5°	36"	5/8"	2
4"	25"	26"	27"	0.5"	0.75"	3°	3.5°	36"	5/8"	2
6"	25"	26"	27"	0.5"	0.75"	2.5°	3.5°	36"	3/4"	2
8"	31"	32"	33"	0.5"	0.75"	2.5°	3°	48"	3/4"	2
10"	32"	33"	34"	0.5"	0.75"	3°	3°	48"	1"	2
12"	32"	33"	34"	0.5"	0.75"	2.5°	3°	48"	1"	2
14"	33"	34.5"	36"	0.5"	0.75"	3°	3.5°	48"	1"	2
16"	33"	34.5"	36"	0.5"	0.75"	3°	3.5°	48"	1"	2
18"	33"	34.5"	36"	0.5"	0.75"	3°	3.5°	48"	1 1/8"	3
20"	33"	34.5"	36"	0.5"	0.75"	3°	3.5°	48"	1 1/8"	4
24"	33"	34.5"	36"	0.5"	0.75"	3°	3.5°	48"	1 1/4"	5

For more offset/deflection, please contact Ford Meter Box.

A = Approximate face to face distance is the distance between the outer flat faces (flange faces that will be connected to the field/existing mating flange) of the FECF connection fitting flanges.

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