Introducing the Eaton[®] Global Flat Face Advanced coupling re-Design

Connect to Eaton FF couplings – a top performing coupling for better productivity, fuel efficiency and reliability.

Eaton Flat Face couplings redesign offer several competitive advantages







- Exceeds ISO 16028 with higher operating pressure up to 400 bar
- Exhibits higher flow rates
- Very high corrosion resistance
- Design versatility
- Connect under residual pressure
- The FF series offer a simple and very effective color coding system to avoid line crossing. The optional rings are now very robust and easy to install with dedicated insert tools.
- The FF series is standard equipped with a sleeve lock feature, the operator need to match the notch with the ball to be able to disconnect.

FF Familly Part Number	ISO Size (mm)	Body Size (in)	Nominal Flow Diameter (mm)	Max operating pressure (Connected)		Rated Flow for 1 bar
				Static * (bar)	Dynamic ** (bar)	drop (Ipm)
10FF	10	3/8"	10.4	400	350	40
12FF	12.5	1/2"	12.3	400	350	77
16FF	16	5/8"	12.6	400	350	82
19FF	19	3/4"	15.1	400	350	114
25FF	25	1"	19.4	400	350	184
32FF	-	1 1/4"	22.1	300	300	260
40FF	-	1 1/2"	30.1	300	300	450
50FF	-	2"	39.2	300	300	700

*steady or non-pulsed applications

**ISO pressure rating / Dynamic application with moderate hydraulic shocks

