

# DF-Series Industrial Interchange

**DF-Series**



- D-Series couplers provide convenient automatic one-handed connection and safe disconnection, as explained on page 22.
- All couplers have a high concentration of locking balls to reduce incidents of brinelling during operation.
- D-Series couplers have a reverse-acting sleeve to prevent accidental disconnection and prevent whip during disconnection.
- F-Series couplers have a sleeve-guard 'Lip' to reduce the risk of accidental disconnection while in service.
- F-Series couplers have a brass body and steel sleeve, with optional brass sleeve available.

Performance Specifications	Operating Bar (PSI)	Min. Burst Bar (PSI)	Flow $\Delta P=0.4\text{Bar}$ (6.9 Bar Inlet)	Locking Mechanism
1/4" steel <sup>1</sup>	69 (1,000)	310 (4,500)	37 CFM	6 Balls
3/8" steel <sup>1</sup>	69 (1,000)	276 (4,000)	70 CFM	6 Balls
1/2" steel <sup>1</sup>	69 (1,000)	414 (6,000)	150 CFM	6 Balls
3/4" steel <sup>1</sup>	50 (720)	276 (4,000)	200 CFM	9 Balls
1/4" brass <sup>2</sup>	21 (300)	310 (4,500)	37 CFM	6 Balls
3/8" brass <sup>2</sup>	21 (300)	276 (4,000)	70 CFM	6 Balls
1/2" brass <sup>2</sup>	21 (300)	414 (6,000)	150 CFM	6 Balls
1/4" 303 SS <sup>3</sup>	34 (500)	310 (4,500)	37 CFM	6 Balls
3/8" 303 SS <sup>3</sup>	34 (500)	276 (4,000)	70 CFM	6 Balls
1/2" 303 SS <sup>3</sup>	34 (500)	414 (6,000)	150 CFM	6 Balls

<sup>1</sup> Steel performance specifications are as a result of using a steel plug with a brass coupler.

<sup>2</sup> Brass performance specifications are as a result of using a brass plug with a brass coupler.

<sup>3</sup> 303 SS working pressure is as a result of using a 303 SS plug with a 303 SS coupler.

Note: Operating pressures for the DF Series parts utilizing hose barb end connections may be dramatically reduced to that of the hose rating and/or hose end connection combination. Consult hose manufacturer's catalog for hose end connection ratings. If in doubt, test under controlled conditions for suitability to application. Dixon Quick Coupling cannot assume liability for misapplication of products resulting in equipment down-time, lost production, property damage and/or personal injury including death.

Interchange Standards	US Military	US Government	International Standards	ANSI/NFPA
1/4"	MIL-C-4109F	A-A-59439	ISO 6150B	T3.20.14-1990
3/8"	*	*	ISO 6150B	T3.20.14-1990
1/2"	MIL-C-4109F	A-A-59439	ISO 6150B	T3.20.14-1990
3/4"	*	*	*	T3.20.14-1990

\* These particular sizes are not outlined within the documented standard category.

'D' Coupler Interchange	Parker	Hansen	Rectus	CEJN
1/4"	30-Series	3000	23KA/24KA	Series 310
3/8"	30-Series	4000	30KA	Series 430
1/2"	30-Series	5000	37KA	Series 550
3/4"	30-Series	6000	---	---

'F' Coupler Interchange	Parker	Hansen	Tomco	Rectus
1/4"	20-Series	1000	A180	24KM
3/8"	20-Series	400	PT400	30KM
1/2"	20-Series	500	T500	37K