

FD41 Series

ARO 210 Interchange



The FD41 Series ARO 210 interchange is designed for compressed air service with a self-sealing female half and straight through male half. The FD40 assures high flow with low pressure drop for peak tool performance.

Product Features

- Designed to interchange with ARO 210 Series
- Automatic sleeve for one hand push-to-connect operation.
- Swivels 360°, eliminating hose kinking
- Standard seal material – Buna-N
- Standard body material – High resistance carbon steel with zinc trivalent chromate plating

Applications

- Compressed air
- Pneumatic tools
- ARO 210 Interchange



Physical Characteristics

Body Size	Max. Operating Pressure		Min. Burst Pressure Female Half Only		Connected		Vacuum Connected Only
	bar	(psi)	bar	(psi)	bar	(psi)	
1/4	21	(300)	210	(3,000)	560	(8,000)	28

Dimensions – Female Pipe

Part Number	Coupling Type	Body Size	Port Size	Thread	Type	Fig.	Dimensions A		B		Hex	
							mm	(in)	mm	(in)	mm	(in)
FD41-1000-02-04	Female	1/4	1/8	1/8-27	Female NPT	1	54.6	(2.15)	28.4	(1.12)	20.6	(.81)
FD41-1000-04-04	Female	1/4	1/4	1/4-18	Female NPT	1	41.1	(1.62)	28.4	(1.12)	20.6	(.81)
FD41-1013-04-04	Male	1/4	1/4	1/4-18	Female NPT	2	37.6	(1.48)	-	-	15.7	(.62)

Dimensions – Male Pipe

Part Number	Coupling Type	Body Size	Port Size	Thread	Type	Fig.	Dimensions A		B		Hex	
							mm	(in)	mm	(in)	mm	(in)
FD41-1014-04-04	Male	1/4	1/4	1/4-18	Male NPT	3	40.9	(1.61)	-	-	14.2	(.56)

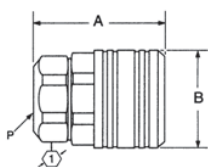


Figure 1

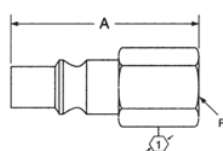


Figure 2

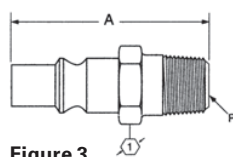
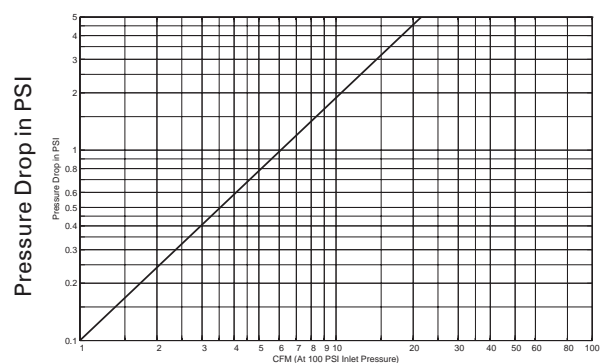


Figure 3

Flow Data

Pressure Drop Versus Flow Graph



Cubic Feet Per Minute Flow

Test Fluid: Air at 100 PSI Inlet Pressure

EATON Quick Disconnect Couplings E-MEQD-MC001-E2