

P30/P40 Series



Eaton's P30/P40 Series is an Industrial Interchange quick disconnect coupling designed for use with compressed air.

Product Features

- Light weight plastic exterior makes it less likely to damage or scratch surfaces
- Easy, automatic, push-to-connect design provides instantaneous connection and disconnection of lines with automatic shut off feature of socket/female half.
- Series P30 accepts all 3000 series plugs/males
- Series P40 accepts all 4000 series plugs/males

Physical Characteristics

Series	Body Size	Max. Operating Pressure		Min. Burst Pressure		Rated Flow	
	(in)	(bar)	(psi)	(bar)	(psi)	(lpm)	scfm
P30	1/4	10	150	40	600	793	28
P40	3/8	10	150	40	600	1,274	45

Applications & Markets

- General Pneumatics

Interchangeability

All Sizes	1/4" only
US Industrial Interchange	ISO 6150 Series B
	A-A-59439 (former MIL-C-4109)

Flow Data

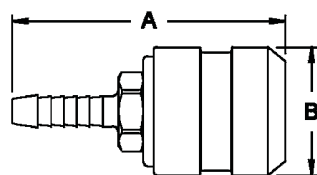
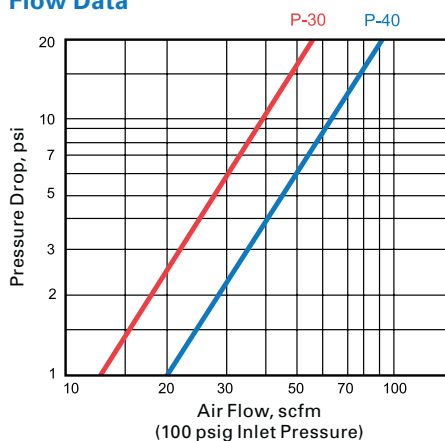


Figure 1

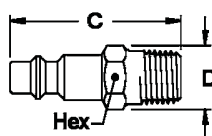


Figure 2

Hose Stem End Connections

Part Number	Coupling Type	Body Size	Hose I.D.	Fig.	Dimensions			
					A	B	A	B
P430S25H	Socket/Female	1/4	1/4	1	(in)	(in)	(mm)	(mm)
P740S37H	Socket/Female	3/8	3/8	1	2.66	1.25	67.60	31.75
					2.82	1.44	71.60	36.60

Male End Connections

Part Number	Coupling Type	Body Size	Port Size	Thread	Type	Fig.	Dimensions					
							C	D	Hex	C	D	Hex
P430P25M	Plug/Male	1/4	1/4	1/4-18	NPTF	2	(in)	(in)	(in)	(mm)	(mm)	(mm)
							1.75	0.65	0.56	44.50	16.50	14.20