

FD31 Series

Enerpac Interchange



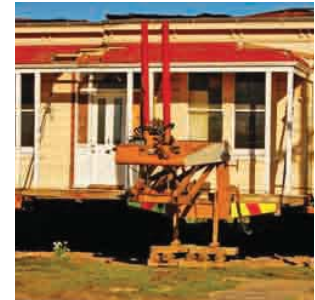
The FD31 Series Hydraulic Jack/Enerpac Interchange is designed for high pressure applications up to 700 bar (10,000 psi). The Eaton FD31 interchanges with the Parker® 3,000 Series Coupling.

Product Features

- Thread together design
- Seal material – Nitrile
- 700 bar (10,000 psi) operating pressure
- Body material – High resistance carbon steel with zinc trivalent chromate plating

Applications

- Hydraulic jack
- Portable hydraulic rams



Physical Characteristics

Body Size	Max. Operating Pressure (Static)		Min. Burst Pressure		Rated Flow
	Connected		Connected		
	bar	(psi)	bar	(psi)	L/min (gpm)
1/4	700	(10,000)	2,200	(31,900)	12 (3)
3/8	700	(10,000)	18,50	(26,800)	23 (6)

* Connect and disconnect under pressure not allowed

Dimensions

Part Number	Coupling Type	Body Size	Port Size	Thread	Type	Fig.	Dimensions				Hex ①	
							A		B		mm	(in)
FD31-1001-04-04	Female	1/4	1/4	1/4-18	Male NPT	1	60,8	(2.39)	28,0	(1.10)	22	.87
FD31-1002-04-04	Male	1/4	1/4	1/4-18	Female NPT	2	32,5	(1.28)	28,0	(1.10)	19	.75
FD31-1001-06-06	Female	3/8	3/8	3/8-18	Male NPT	1	72,2	(2.84)	35,0	(1.38)	24	.94
FD31-1002-06-06	Male	3/8	3/8	3/8-18	Female NPT	2	40,0	(1.57)	35,0	(1.38)	32	1.26

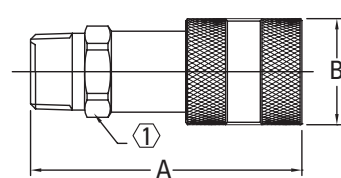


Figure 1

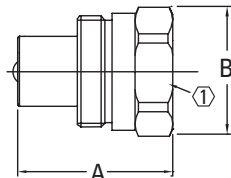


Figure 2

Dust Caps and Dust Plugs

Coupling Size	Part Number	Coupling Type	Cap Material
1/4	FD31-1005-04	Female	Aluminum
3/8	FD31-1005-06	Female	Aluminum

Coupling Size	Part Number	Coupling Type	Cap Material
1/4	FD31-1004-04	Male	Aluminum
3/8	FD31-1004-06	Male	Aluminum

