

# HP3 Series

High Pressure Application

Danfoss Hansen HP3 Series Hydraulic Jack/Enerpac Interchange is designed for high-pressure applications up to 700 bar (10,000 psi).



## Product Features

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

## Applications & Markets

- Hydraulic jack
- Portable hydraulic rams

## Physical Characteristics

Body Size (in)	Max. Operating Pressure (Static)		Min. Burst Pressure		Rated Flow	
	Connected		Connected		(lpm)	(gpm)
	(bar)	(psi)	(bar)	(psi)		
3/8	700	10,000	2200	31,900	23	6

\* Connect and disconnect under pressure not allowed

## Dimensions

Part Number	Coupling Type	Body Size	Port Size	Thread	Type	Fig.	Dimensions					
							A	B	Hex	⊘		
							mm	(in)	mm	(in)	mm	(in)
HP3SB37M	Socket/Female	3/8	3/8	3/8-18	Male NPT	1	72.2	(2.84)	35.0	(1.38)	24	.94
HP3PB37F	Plug/Male	3/8	3/8	3/8-18	Female NPT	2	40.0	(1.57)	35.0	(1.38)	32	1.26

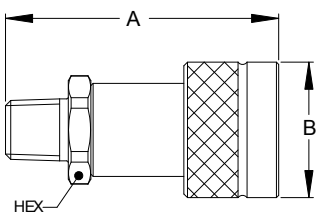


Figure 1

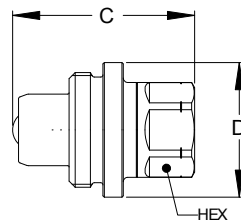
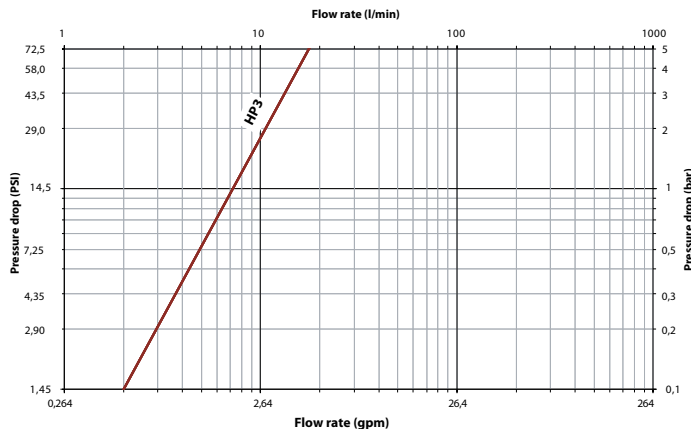


Figure 2

## Flow Data



Hydraulic Oil viscosity : 30 Cst at 40°C / 104°F

## Dust Caps and Dust Plugs

Body Size	Dust Cap	Dust Plug
3/8	WA5612400	WA5612700

