

# IAP SERIES

Connect under pressure female couplers (Connects to 1/2" ISO A male probes)

## INTRODUCTION

Holmbury's IAP Series ISO A female couplers are designed primarily for the agricultural industries and incorporate a push-pull design. The coupler can be either panel mounted using circlip grooves or manifold mounted.

## CONSTRUCTION

- Carbon steel with trivalent plating
- Fitted with Nitrile seals
- Available with either a short or long body

## FEATURES

- Can be connected with residual pressure in the line
- Can be connected with standard ISO A or DIN V 1/2" male couplers
- Release mechanism protects coupler and hose from damage in event of accidental separating force
- Locking ball system allows quick connection
- Bidirectional flow

## ACCESSORIES

- Dust Caps and Plugs are available for the IAP Series



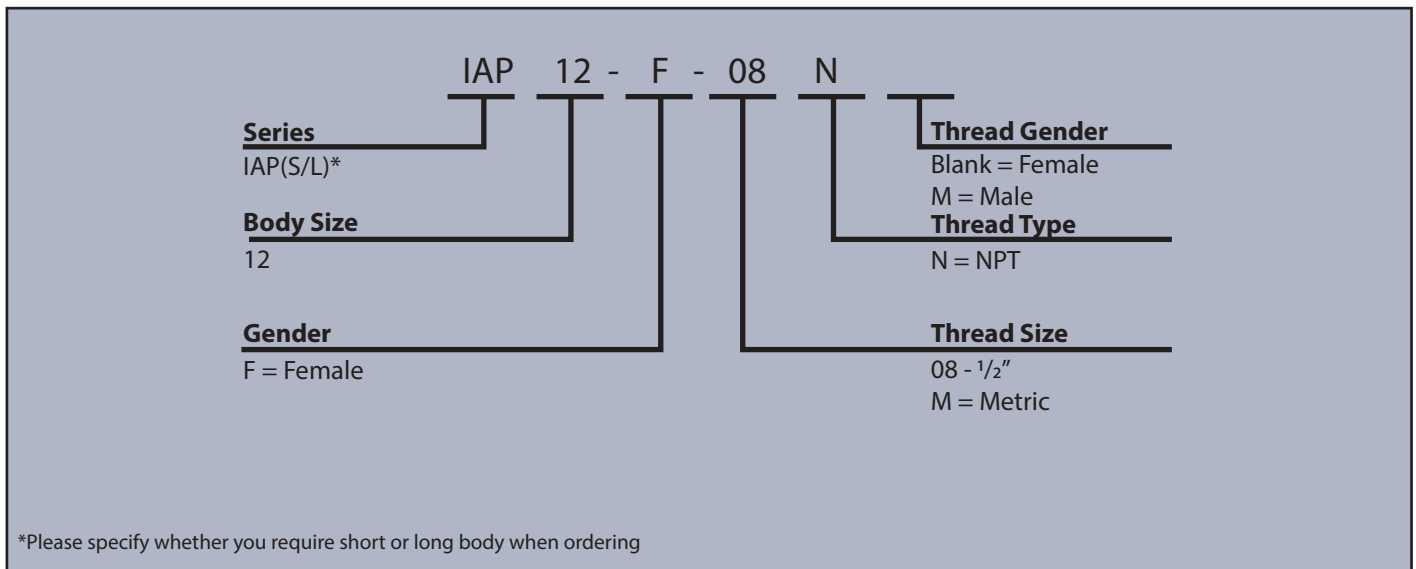
## SPECIFICATIONS

- Operating temperatures (with Nitrile seals): -40°C (-40°F) to 106°C (223°F)

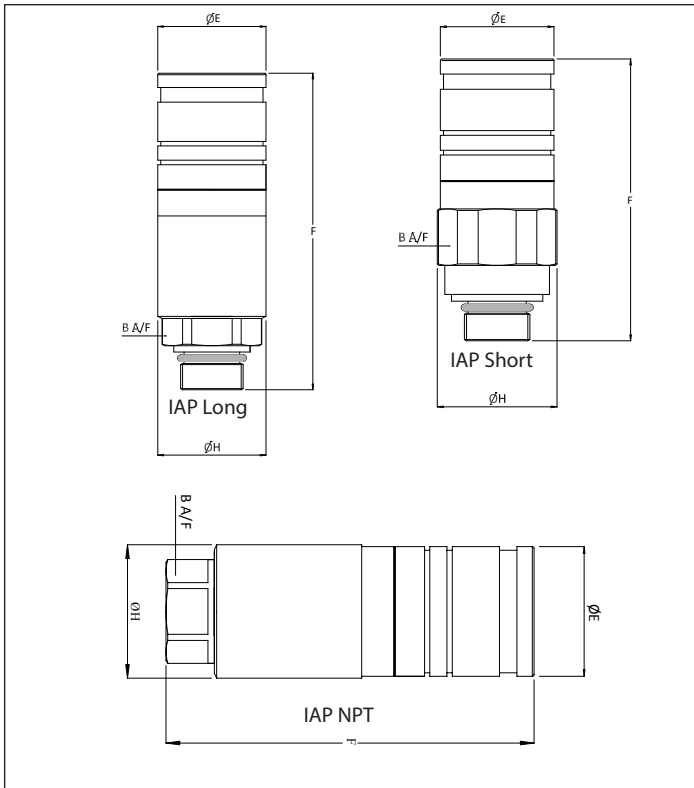
## APPLICATIONS

- Agricultural
- Mobile
- Construction

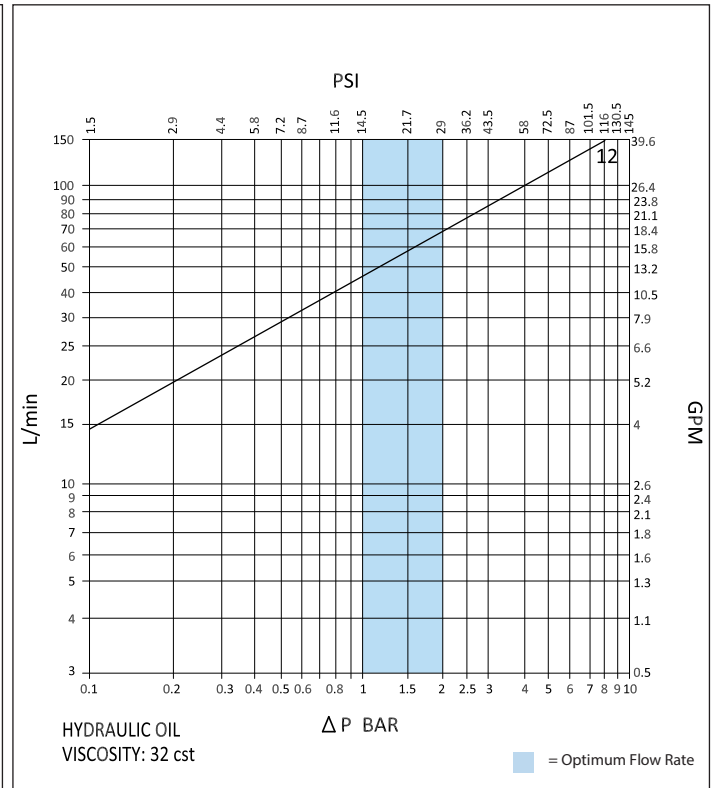
## ORDER CODES



## DRAWING



## PRESSURE DROP CHARACTERISTICS



## DIMENSIONS

Size	Thread Size (A)	B	F	ØE	ØH	Maximum Working Pressure	Burst Pressure (Coupled)	Burst Pressure (Female)
		Dimensions in mm				Bar		
		Dimensions in Inches				Psi		
IAP 12 - Short	M22 x 1.5	38.0	94.5	40.0	38.0	300	1000	1000
		1.5	3.7	1.6	1.5	4350	14500	14500
IAP 12 - Long	M22 x 1.5	32.0	111.0	38.0	38.0	300	1000	1000
		1.3	4.4	1.5	1.5	4350	14500	14500
IAP 12	1/2"	26.98	107.5	37.9	38.9	300	1000	1000
		1.1	4.2	1.5	1.5	4350	14500	14500

PSI= Bar x14.5 Inches= mm/25.4

