

# P SERIES

## PUSH PULL

## FEMALE COUPLINGS

## TO ISO.A SPECIFICATION

### INTRODUCTION

Holmbury Push Pull Female Couplings are intended for any application where the hydraulic hose could be subjected accidentally to excessive force. The design is such that when pulled, the coupling will separate automatically in order to minimise the risk of hose line rupture or coupling damage.

### MALE COUPLINGS

P Series females are used with male couplings that conform to ISO 7241-1 Part A. See the Holmbury IA Series for details of these male couplings.

### APPLICATIONS

The female has to be panel mounted using the sleeve; circlip grooves are provided. This allows the coupling to separate when the hose is exposed to excessive force. Typical applications include mobile plant, trailers and agricultural equipment.

### MATERIALS

Trivalent plated carbon steel body material with nitrile seals and PTFE backing ring.

### TECHNICAL DETAILS

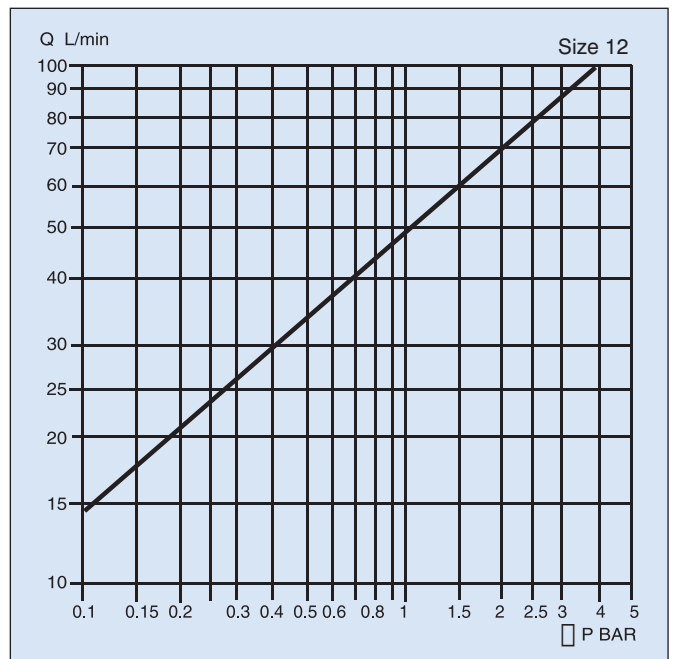
Maximum working pressure 250 bar. Working temperature range with nitrile seals is -20°C to +100°C

### ORDER CODES

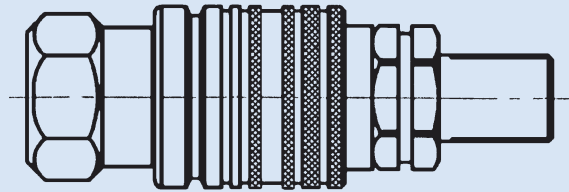
<b>P</b>	<b>12</b>	<b>F</b>	<b>08</b>	<b>G</b>	<b>M</b>		
<b>P = ISO A, Push Pull</b>				<b>Any other information</b>			
<b>Coupling Size 12</b>				<b>Blank = Nitrile Seals</b>			
<b>F = Female coupling</b>				<b>Blank = Female thread (no code required)</b>			
<b>Thread size (dash system)</b>				<b>M = Male thread</b>			
- 06 = 3/8"    - 12 = 3/4"							
- 08 = 1/2"    - 14 = 7/8"							
- 10 = 5/8"							
<b>Thread size (metric)</b>				<b>Thread Form</b>			
18 = 18 mm    22 = 22 mm				G = BSP P    S = SAE			
				M = Metric			



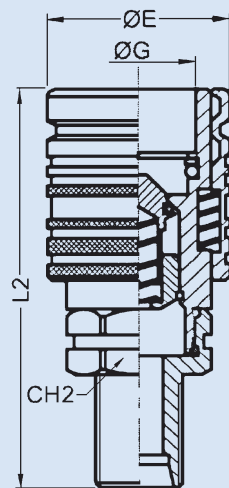
### PRESSURE DROP CHARACTERISTICS



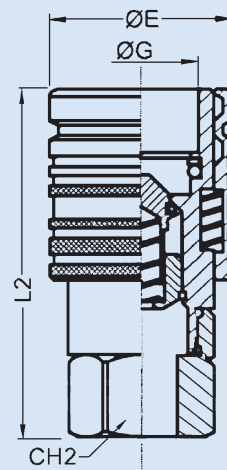
## P SERIES, PUSH PULL FEMALE COUPLINGS TO ISO.A SPECIFICATION



P Series Female coupled with Holmbury IA Series Male



P Series Female with male thread



P Series Female with female thread

### Female coupling with male thread

Order code	Thread Size	ØE	ØG	CH2	L2
P12-F-06GM	3/8" BSP	38	23.9	27	
P12-F-08GM	1/2" BSP	38	23.9	27	
P12-F-10GM	5/8" BSP	38	23.9	27	
P12-F-18MM+NUT	18 x 1.5	38	23.9	27	84
P12-F-22MM+NUT	22 x 1.5	38	23.9	27	84
P12-F-22MMS	22 x 1.5 short	38	23.9	27	72

Other threads available on request

### Female coupling with female thread

Order code	Thread Size	ØE	ØG	CH2	L2
P12-F-08G	1/2" BSP	38	23.9	27	63.5
P12-F-18M	18 x 1.5	38	23.9	30	73
P12-F-12S	3/4" SAE	-	-	-	-
P12-F-22M	22 x 1.5	38	23.9	30	73
P12-F-14UF	7/8"-14 UNF	38	23.9	30	74
P12-F-12UF	3/4"-16 UNF	38	23.9	30	74
P12-F-12UFL	3/4"-16 UNF L	38	23.9	27	83.2

Other threads available on request