

IAP SERIES

FEMALE COUPLINGS

INTERCHANGEABILITY ACCORDING TO ISO 7241-1 PART A and ISO 5675 'FOR CONNECTION WHILST THE MALE COUPLING IS UNDER PRESSURE'

INTRODUCTION

Holmbury IAP Series female couplings connect with standard ISO A and DIN ISO 5675 size 12 male couplings. They can be connected and disconnected by hand even when the male coupling has a static pressure of 250 bar. The IAP female will need to be at zero pressure.

IAP Series female couplings should be mounted on a bracket or bulkhead by utilising the grooves in the outer sleeve and circlips or similar fixings.

MATING COUPLINGS

The recommended male coupling is either the Holmbury IA Series or Holmbury DINV series. However, any size 12 male that conforms to ISO 7241-1 Part A or ISO 5675 will be compatible.

APPLICATIONS

Tractors and agricultural equipment
General industrial where a bulkhead/bracket mounting facility is required.

FEATURES

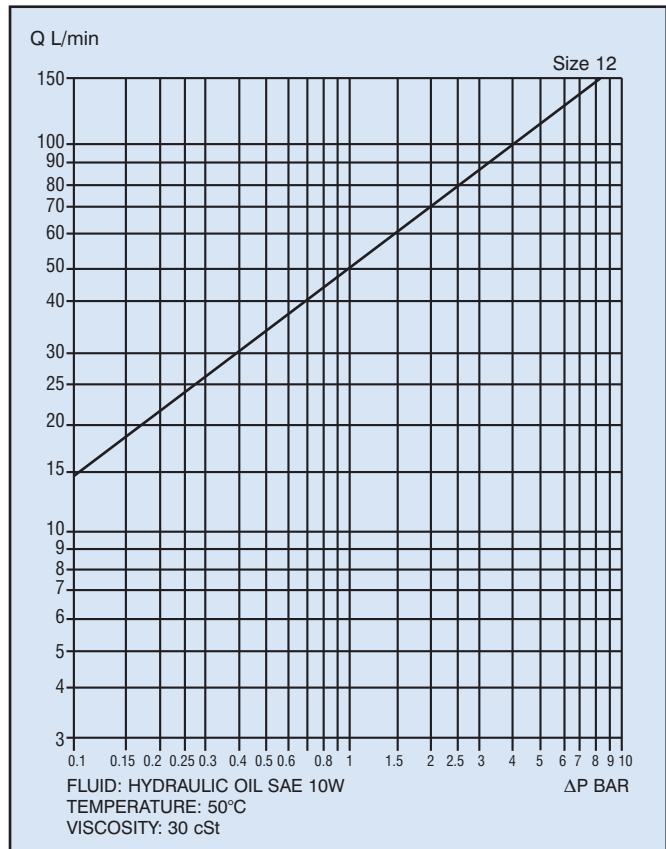
- ★ Connect with a 'regular' male that can be under pressure.
- ★ Equivalent to Parker RSD and Faster 3CFPV female couplings.
- ★ Positive, quick connection ensured by the snap together locking ball system.
- ★ When connected the male and female halves can rotate, even under pressure, thus avoiding any torsional stress in the flexible hoses.

PRESSURE RATINGS (bar)

Type and size	Max working pressure when coupled to an IA 12 male	Burst pressure	Burst pressure when coupled to an IA 12 male
IAP 12	300	1180	1200



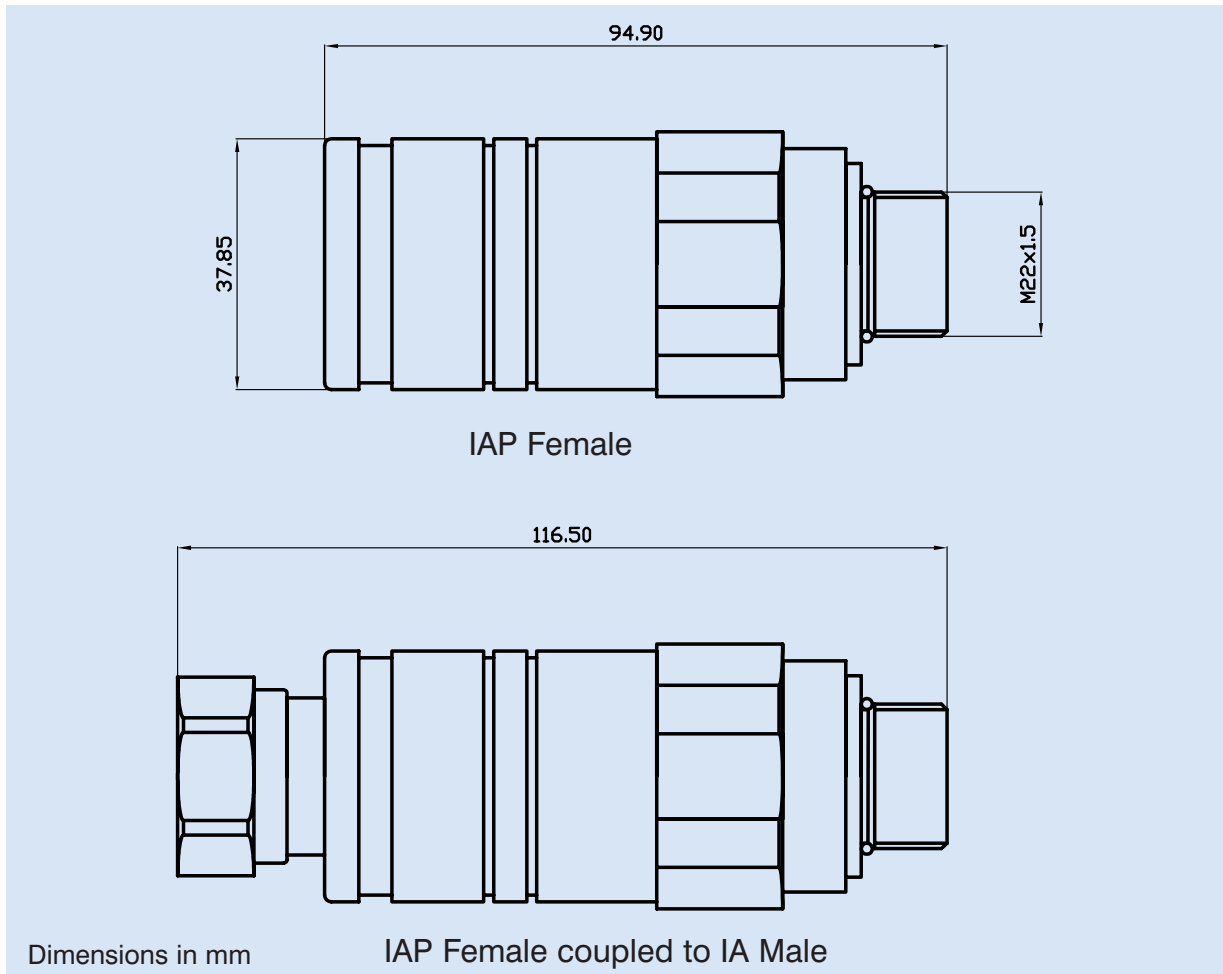
PRESSURE DROP CHARACTERISTICS



MATERIALS

Trivalent plated carbon steel body, nitrile seals.

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ORDER CODES

IAP 12 - F - M22 M		
IAP = Series type		Any other necessary information
Body Size 12 = 1/2"		
F = Female coupling		Blank = Nitrile seals
Thread size M22 = M22 x 1.5		Thread form F = Female M = Male

Example: IAP 12-F-M22-M
IAP Series female coupling, body size 12 (1/2"), M22 x 1.5 metric male thread, nitrile seals.