

# ISO A COUPLINGS

## QAF-PPS SERIES

### PUSH/PULL FEMALE COUPLINGS TO ISO A SPECIFICATION

#### INTRODUCTION

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.

#### 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, construction and agricultural equipment.

#### MATING COUPLINGS

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

#### MATERIALS

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

#### TECHNICAL DETAILS

Maximum working pressure 320 bar.

Working temperature range with nitrile seals is - 40°C to + 106°C

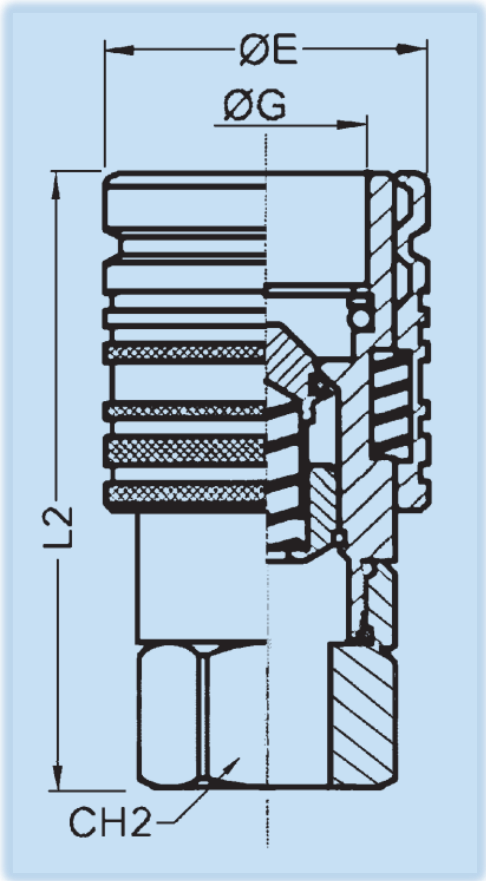


### FEMALE COUPLINGS ONLY

Performance Characteristics	Coupler Size	
	1/2"	
Maximum Working Pressure (Coupled)	320 Bar	4640 PSI
Burst Pressure (Coupled)	1500 Bar	21750 PSI
Burst Pressure (Female)	1400 Bar	20300 PSI
Rated Flow	45 L/min	12 GPM



### Dimensions



Female Coupler (QAF...PPS)

Part Number	Body Size	$\varnothing A$ (thread)	CH2	$\varnothing E$	$\varnothing G$	L2
QAF-BPF-PPS-0808	1/2"	1/2" BSPP F	27	38.1	23.8	66
QAF-MSF-PPS-0822	1/2"	M22 x 1.5 F	27	38.1	23.8	66

All dimensions in mm unless otherwise stated. Dimensions shown are for guidance only, if critical contact FC staff.

✓ The right connector  
 ✓ The right price

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