

PBR COUPLINGS

QPBR SERIES

Quick-release “PBR” interchangeable hydraulic Couplings

Only available in 1” size

INTRODUCTION

Fluid Connectors’ zinc-nickel plated QPBR Series (“PBR” quick-release couplings), are similar to the ISO-A and ISO-B Series couplings, but have a much higher pressure rating and flow rate.

A poppet valve is used to minimise the pressure drop and flow reduction, while providing a positive sealing arrangement. They are perfectly suited to transport and industrial applications.

FEATURES

- ✓ Contains the advantages of common quick-release couplings (ISO A, ISO B, DIN), but has superior maximum working pressure and rated flow.
- ✓ Interchangeable with “PBR” series couplings (commonly found on transport vehicles between truck and trailer)
- ✓ Quick-connection by the snap-together locking ball system.
- ✓ Operating Temperatures (with NBR seals): -20°C to 100°C
- ✓ Bi-directional Flow
- ✓ Zinc-nickel plating provides good corrosion resistance (1200 hours with no red rust in salt spray tests)

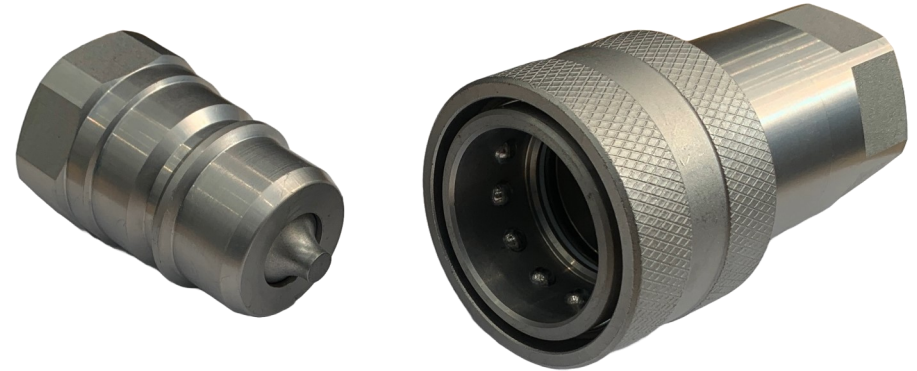
MATERIALS

Zinc-Nickel plated, heat-treated carbon steel with nitrile seals and PTFE backup rings.

Replacement seal kits for the female coupler are available on request (OR-QPBRF-16).

DUST CAPS/PLUGS

Blue plastic dust caps and plugs available (see QPBRC-16 and QPBRP-16)

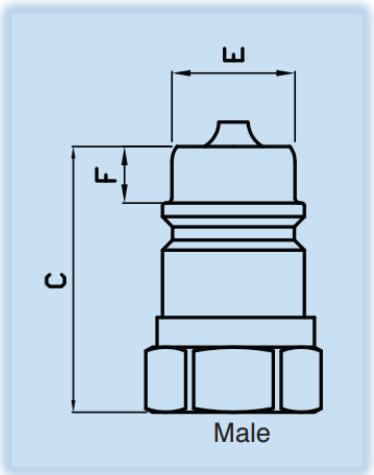


Performance Characteristics	Body Size
	1”
Maximum Working Pressure	300 Bar
	4350 PSI
Burst Pressure (Coupled)	1200 Bar
	17400 PSI
Rated Flow	375 L/min
	99 GPM



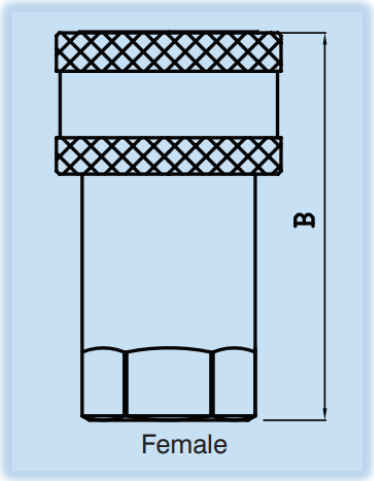
Dimensions

Male Coupler (QPBRM)



Part Number	Body Size	ØA (Thread)	C	E	F	AF2 (hex)	L
QPBRM-16 ZnNi	1"	1" BSPP F	66	38	19	46	133

Female Coupler (QPBRF)



Part Number	Body Size	ØA (Thread)	B	ØD	I	AF1 (hex)	L
QPBRF-16 ZnNi	1"	1" BSPP F	108	64.4	50.4	46	133

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