

Quick Release Coupling



the right connection
the right environment

Ref. No : H14014 Release July 2020 (Dimensions in mm)

Description

QRC (Quick release couplings) are poppet type valves interchangeable with International standard, ISO 7241-1 Series "A"
The series are manufactured in carbon steel with zinc plated surface treatment.

This series offers worldwide interchangeability and availability of sizes ranging from G 1/4 to G 1

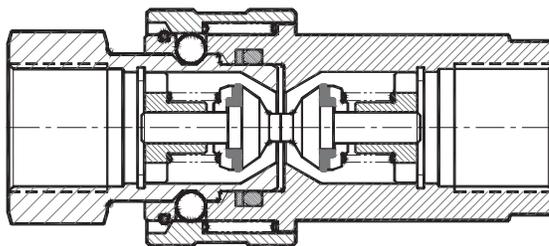
This makes 'QRC' series one of the most widely used in a range of hydraulic applications mainly in industrial and agriculture fields.

Some of the benefits are as under :

- The poppet valve with elastomer seal provides maximum sealing when disconnected.
- Compact slim design
- Simple to use



Section



Unit Dimensions

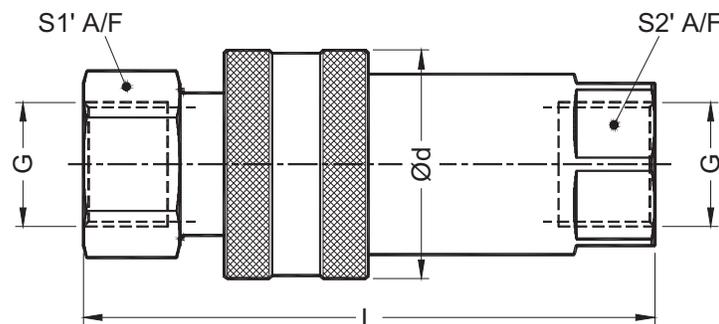


Table 1

| G | Pressure (bar) | Ød | L | S1 | S2 |
|-------|----------------|----|-----|----|----|
| G 1/4 | 315 | 26 | 65 | 19 | 19 |
| G 3/8 | 315 | 31 | 77 | 22 | 22 |
| G 1/2 | 250 | 38 | 88 | 27 | 27 |
| G 3/4 | 250 | 50 | 110 | 36 | 36 |
| G1 | 200 | 55 | 127 | 41 | 41 |

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Technical Specifications

- Construction Poppet type
- Interchangeability ISO 7241-1 series 'A'
- Valve system Poppet type
- Mechanical connections Locking Balls
- Connection system Pulling back the sleeve and pushing one half into other
- Disconnect system Pulling back the sleeve
- Connection with residual pressure Not allowed
- Disconnection with residual pressure Not allowed
- Construction of material Carbon steel
- Surface treatment Chrome III Zinc plating
- Seals NBR
- Operating pressure Refer table no.1
- Hydraulic medium Mineral oil.
- Viscosity range 10 cSt to 380 cSt.
- Fluid temperature range -20 °C to +80 °C.
- Fluid cleanliness As per ISO code 19/16 or better
- Maximum flow handling capacity

| G 1/4 | G 3/8 | G 1/2 | G 3/4 | G1 |
|-------|--------|--------|---------|---------|
| 3 lpm | 23 lpm | 45 lpm | 106 lpm | 189 lpm |

Ordering Code

