

Pilot Operated Check Valves Sandwich Plates

VJR2-10/M

HA 5025 6/2012

Size 10 (D 05) • 350 bar (5076 PSI) • 100L/min (26.4 GPM)

Replaces HA 5025 2/2008

- Pilot operated check valve sandwich plate for use in stacking assemblies
- **3** models
 - double valve with check valves in lines A and B
 - single valve with check valve in line A
 - single valve with check valve in line B
- Installation dimensions to SO 4401 CETOP - RP 121H and NFPA T3.5.1 - D 02





Functional Description

A pilot operated check valve closes tightly the hydraulic circuit between the valve and the actuator. The valve consists of the housing (1), one or two check valves (2), (3) and the pilot piston (4). The main poppets of the check valves are provided with pilot poppets (5) which enable opening the check valve under pressure.

When fluid flows from A1 to A2 it opens the check valve (2) and at the same time shifts the pilot piston (4) which opens by means of the pilot poppet (5) the check valve (3). When the pressure in channels A1 and B1 drops, the

springs push the poppets onto the seats and the circuit between the check valve and the actuator is closed under pressure.

To ensure that the check valves close tightly, a directional valve with functional symbol Y is to be used, which connects in its middle position the ports A1 and B1 with tank T (see the typical circuit diagram).

The valve housing (1) is phosphate coated, the surfaces of the other parts are zinc coated.





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Spare Parts

Dimensions in millimeters

Seal kit

Туре	Dimensions, quantity		Ordering number
	O-ring	Square ring	Ordering number
Standard NBR70	-	12.42x1.68 (5 pcs.)	15991600
Viton	12.42x1.68 (5 pcs.)	-	22943800

Caution!

- The plastic packaging is recyclable.
- Mounting studs must be ordered separately. For stud kits see HU 0040.
- Certified documentsation is available per request.

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