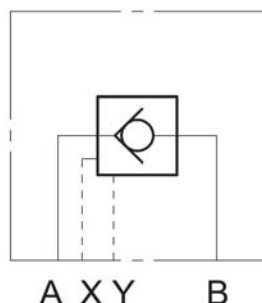




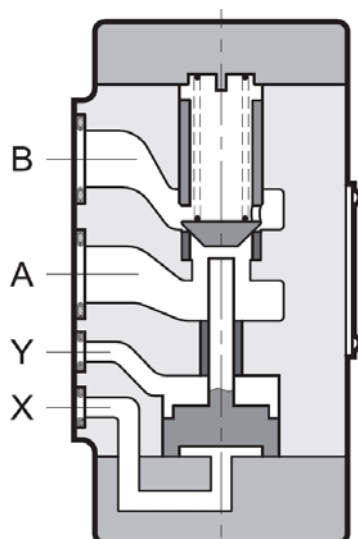
Check Valve Hydraulically pilot to open Subplate to ISO 5781 VP-RP10

SYMBOL



up to 320 bar
up to 100 l/min

FUNCTION



FEATURES

- Hole pattern to ISO 5781-08, Nominal size 10
- pilot to open check valve
- low flow loss by maximum size bore holes

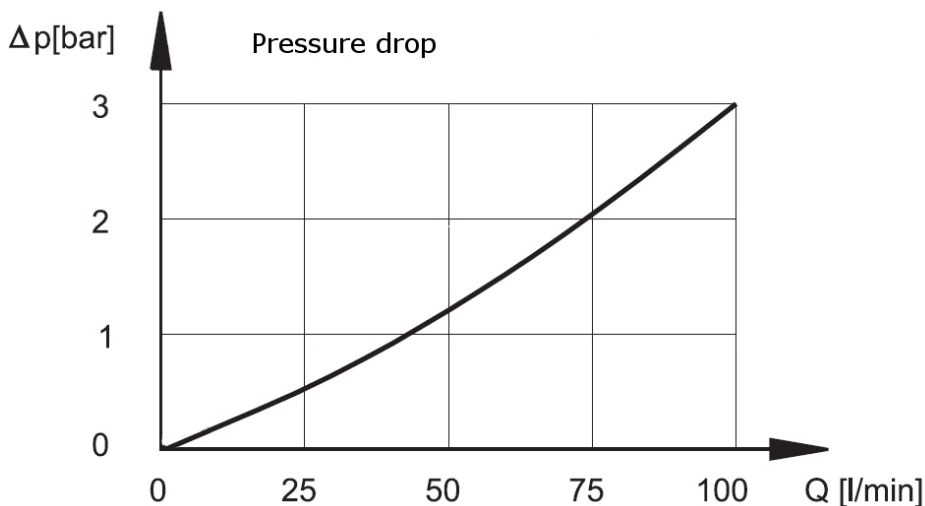
SPECIFICATIONS

Operating pressure:	max. 320 bar
Flow rate:	max. 100 l/min
Pilot ration:	3,4 : 1
Operating fluid:	hydraulic oil to DIN 51524 part 1 and 2
Operating fluid temp. range:	-20°C up to max. +80°C
Ambient temperature range:	-20°C up to max. +50°C
Viscosity range:	7,4 – 400 mm ² /s is recommended
Filtration:	Class 20/18/15 according to ISO 4406
Installation:	no orientation restriction
Hole pattern:	according to ISO5781-08
Weight:	3,7 kg

PERFORMANCE

measured at $v = 36 \text{ mm}^2/\text{s}$ and $T_{\text{oil}} = 50^\circ \text{C}$

The data in the diagram are valid for the flow from B→A and A→B with an open valve.
For the flow from ports A→B, with a closed valve please add the cracking pressure to the data in the diagram.



Standard models

VP-RP10 35 S01/V

VP-RP10 50 S01/V

Other models on request

Part No.

3541184

3541188

MODEL CODE

VP-RP10 35 S01/V

Name and size

Check valve pilot to open NW 10

Cracking pressure

35 = 3,5 bar

50 = 5,0 bar

Type

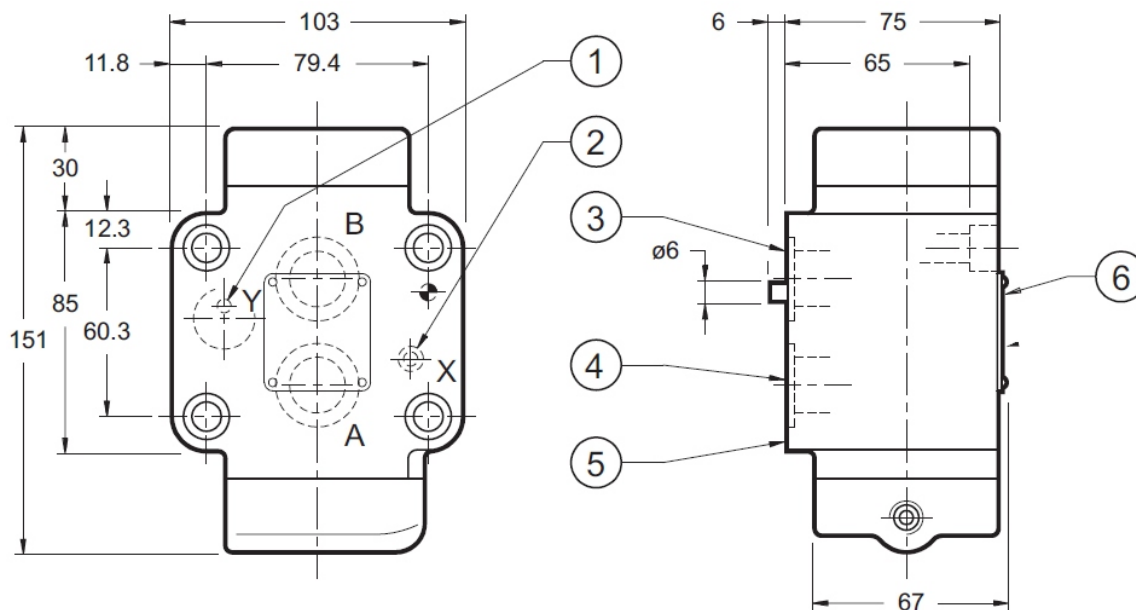
S01 = Standard

Seal material

V = FKM (Standard)

N = NBR

DIMENSIONS



1) External leakage line Y

3) Outlet port B

5) Mounting plate with O-rings, 2x O-Ring 17,13 x 2,62 FKM
2x O-Ring 5,28 x 1,78 FKM

2) Control port X

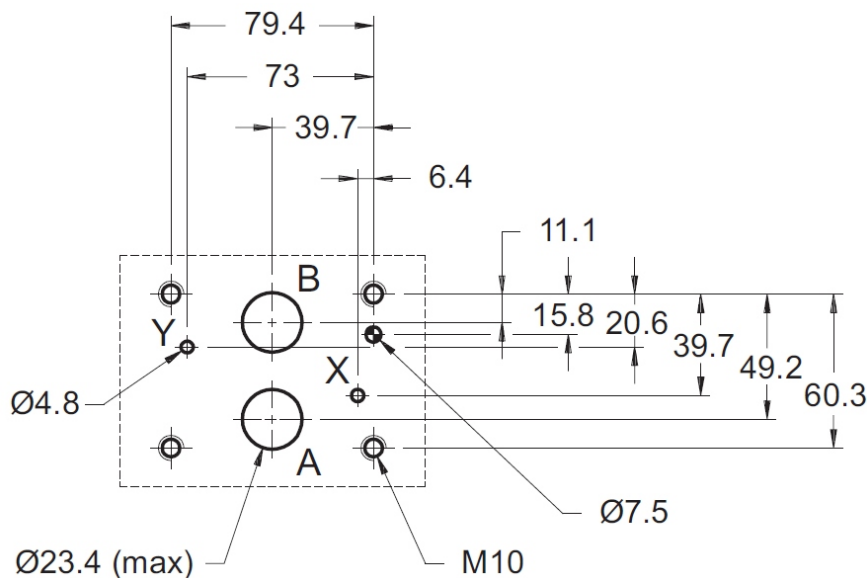
4) Inlet port A

6) Type plate

Fastening screws: 4x Allen key M10x70 10.9, Torque: 40 Nm + 4 Nm

All dimensions in mm. Fastening elements are not in the scope of delivery.

Mounting plate to ISO 5781-08-07-*-00



Annotation

The technical information in this brochure are relating to the operating conditions and applications.

At deviant applications and/or operating conditions please contact the technical dept.

Technical information are subject to technical modifications.

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