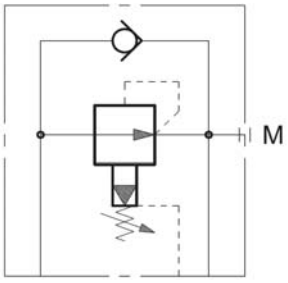
HYDAC INTERNATIONAL

Pressure Reducing Valve pilot operated
Subplate to ISO 5781
VP-DRP10

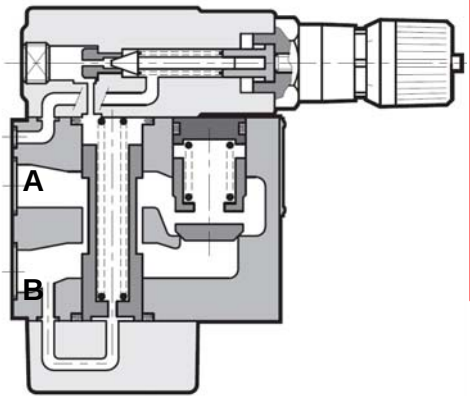
SYMBOL



A Y B

up to 250 bar
up to 110 l/min

FUNCTION



FEATURES

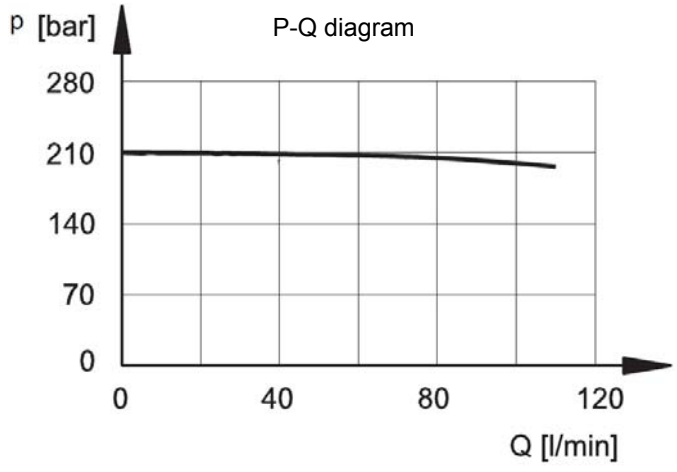
- Hole pattern to ISO 5781-08, Nominal size 10
- pilot operated pressure reducing valve
- low flow loss by maximum size bore holes
- free flow in opposite direction by built-in check valve (cracking pressure 0,5 bar)

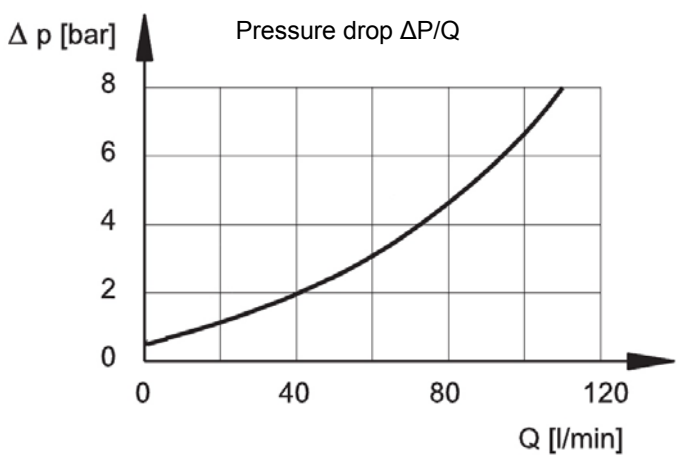
SPECIFICATIONS

Operating pressure:	max. 250 bar
Flow rate:	max. 110 l/min
Leakage:	< 0,8 l/min
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 mm²/s is recommended
Filtration:	Class 20/18/15 according to ISO 4406
Installation:	no orientation restriction
Hole pattern:	to ISO 5781-08
Weight:	6,1 kg

PERFORMANCE

measured at ν= 36 mm²/s and T_{oil} = 50° C





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Standard models	**Part No.**
VP-DRP10 210VR S01/V	3541092
Other models on request	

MODEL CODE

VP-DRP10 210 V R S01 /V

Name and size
Pressure reducing valve pilot operated NW 10

Pressure ranges
210 = 5 up to 210 bar

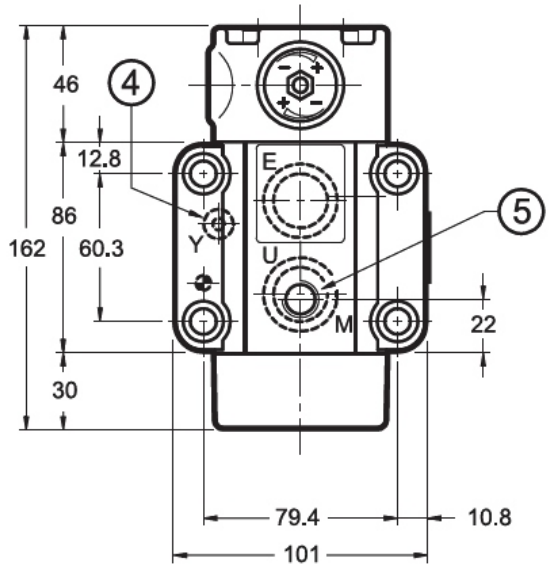
Adjustability
V = adjustable by turning knob

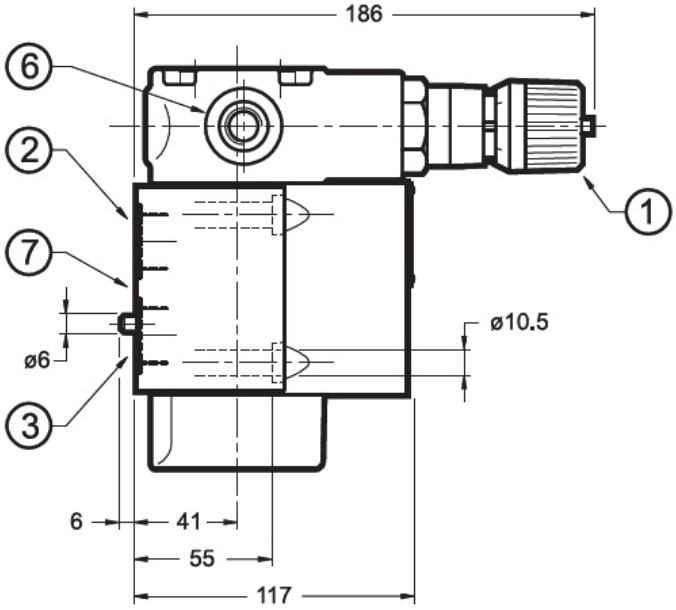
Check valve
R (cracking pressure 0,5 bar)

Type
S01 = Standard

Seal material
V = FKM (Standard)
N = NBR

DIMENSIONS



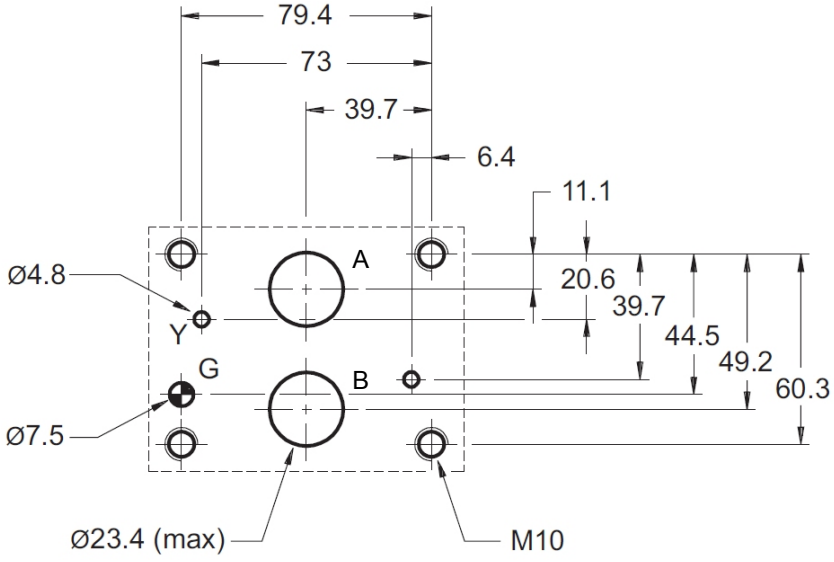


1) SICBLOC turning knob (push and turn at same time)
2) Inlet port
3) Outlet port
4) Leakage port
5) Port for measuring gauge 1/4" NPT)
6) Leakoil secondary port for line 1/4" BSP

7) Mounting plate with O-rings:
2x O-Ring 25,07 x 2,62 90 Shore FKM
2x O-Ring 5,28 x 1,78 FKM

Fastening screws: 4x Allen key M10x70 10.9
Torque: 40 Nm + 4 Nm
All dimensions in mm.
Fastening elements are not in scope of delivery.

Mounting plate to ISO 5781-06-07-*-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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