



## THROTTLE WITH CHECK VALVE KVM-NDV-6

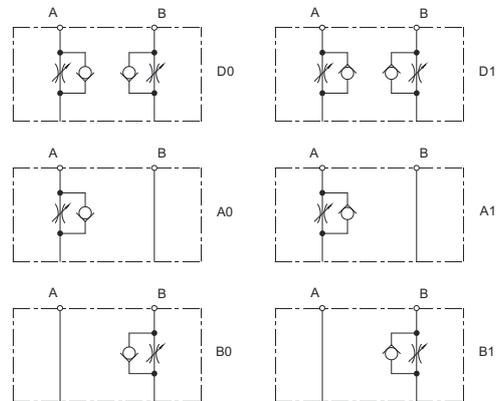
- Up to 350 bar [5 076 PSI]
- Up to 40 l/min [10.6 GPM]
- Flow control in both or one service line.
- For flow throttling in supply and/or return lines.
- For vertical stacking on KVM directional valves.



### Operation

Throttle with check valves type KVM-NDV-6 are used for throttling flow of the hydraulic fluid in lines A and/or B. The KVM-NDV-6 valves are allowing free flow in one direction through check valve and throttled flow in reversed direction. Hydraulic fluid flow is throttled depending on adjustment of the throttling screw.

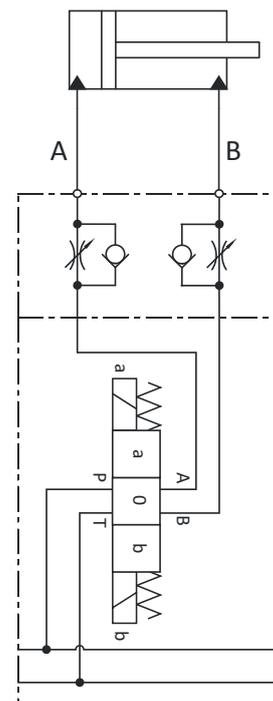
### Hydraulic symbols



### Features

Size	6	
Flow rate	l/min [GPM]	40 [10.6]
Operating pressure	bar [PSI]	350 [5 076]
Cracking pressure	bar [PSI]	0,5 [7.2]
Oil temperature range	°C [°F]	-20 to +70 [-4 to +158]
Viscosity range	mm <sup>2</sup> /s [SUS]	15 to 380 [69.5 to 1760]
Filtration	ISO 4406: 1999	19/17/14
Mass	kg [lbs]	1,5 [3.3]

### Mounting example



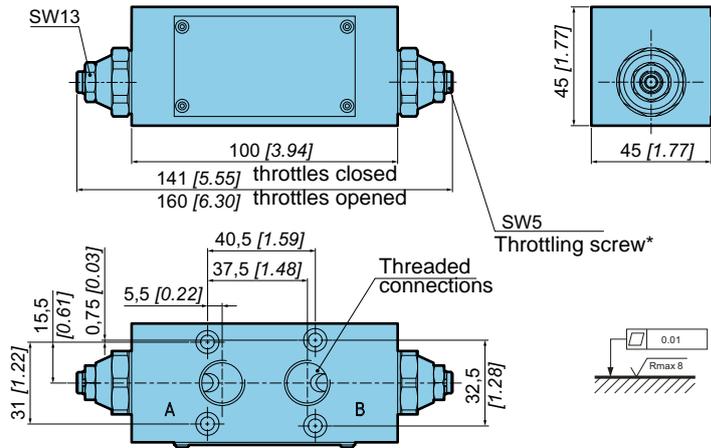
Mechanically operated

Hydraulically operated

Electrically operated



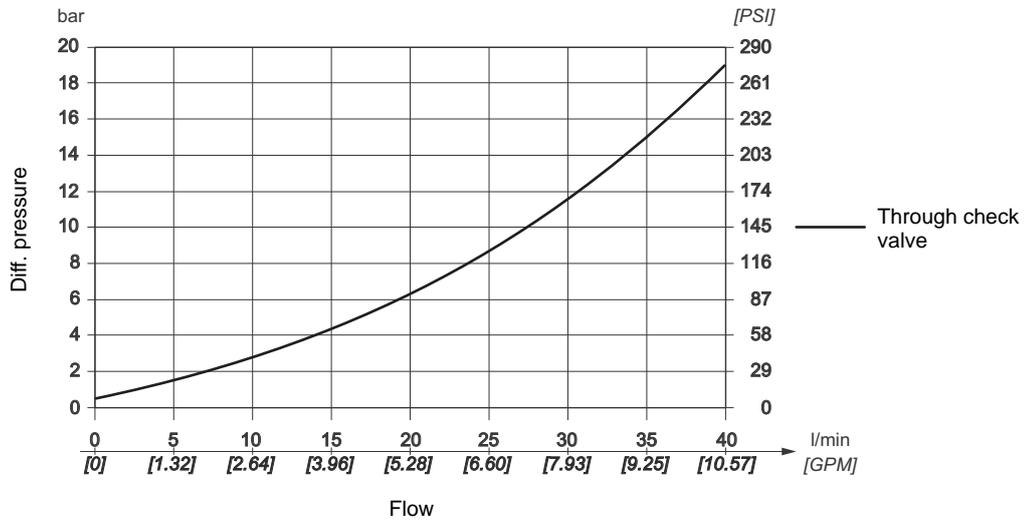
Dimensions



\* Clockwise rotation reduces the hydraulic fluid flow. It is recommended that the valve is set at zero pressure in setting line.

ΔP-Q Performance curve

Measured at 50C [122F]  
and viscosity of 32 mm<sup>2</sup>/s [148 SUS].

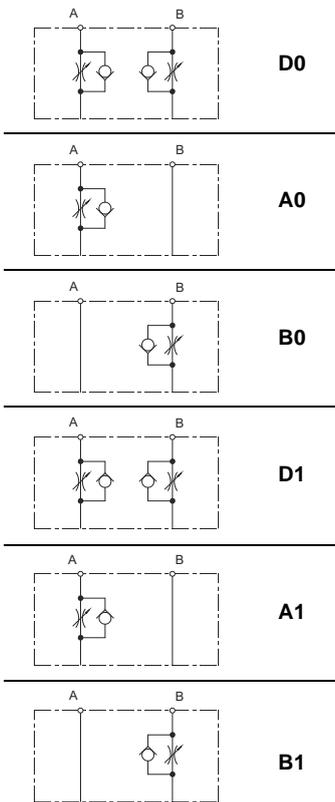




Model code

**K V M** - **N D V** - **6** -  -  -  - \*

Symbol



Threaded connections

M16 x 1,5 (ISO 9974-1)	No designation
G3/8 (ISO 1179-1)	3/8
9/16-18 UNF-2B (ISO 11926-1)	SAE6

Special requirements to be briefly specified

Seal type

NBR seals for mineral oil HL,HLP to DIN 51524	No designation
FPM seals for HETG, HEES, HEPG to VDMA 24568 and ISO 15380	E

Mechanically operated

Hydraulically operated

Electrically operated