



## 6/2 WAY DIVERTER VALVES KV - HIGH PRESSURE

- NG 16
- Up to 450 bar [6 527 PSI]
- Up to 300 L/min [79.25 GPM]
- Hydraulically operated

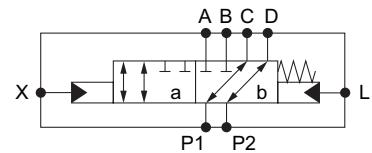


KV-6/2-16-H

### Operation

### Hydraulic symbol

6/2 directional valves are normally used for selection between two consumers or two hydraulic circuits which are not operated simultaneously. Control spool is operated by pilot pressure acting on port X. Return of the spool to the initial position is assured by the return spring.



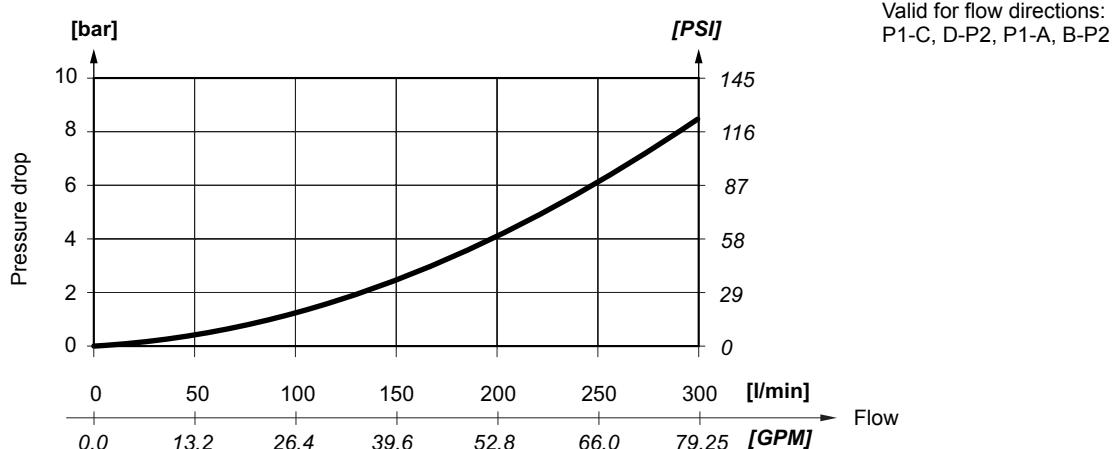
### Features

<b>Max pressure</b>	bar [PSI]	450 [6 527]
<b>Minimal pilot pressure X for spool shift*</b>	bar [PSI]	36 [522]
<b>Max pressure on port X and L</b>	bar [PSI]	210 [3 045]
<b>Max flow range</b>	L/min [GPM]	300 [79.25]
<b>Oil temperature range</b>	°C [°F]	-20 to +70 [-4 to 158]
<b>Viscosity range</b>	mm <sup>2</sup> /s [SUS]	15 to 380 [69.5 to 1760]
<b>Fluid contamination</b>	ISO 4406: 1999	19/17/14
<b>Mass</b>	kg [lb]	16,8 [37.04]

\* Valid for operation at flow 250 L/min [66.0 GPM] and pressure 450 bar [6 527 PSI]. At lower p-Q load the pilot pressure can be also lower.

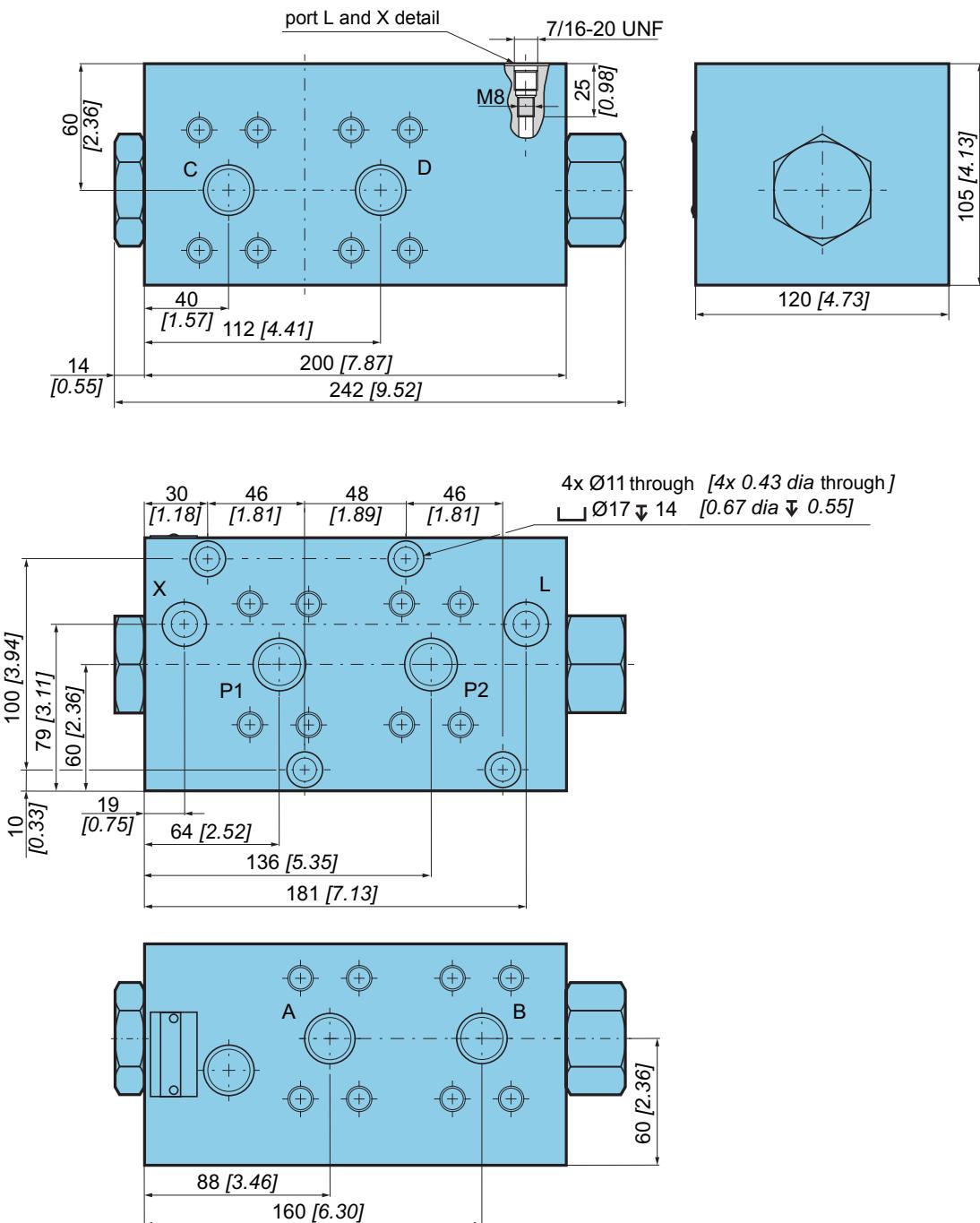
### ΔP-Q Performance curves

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



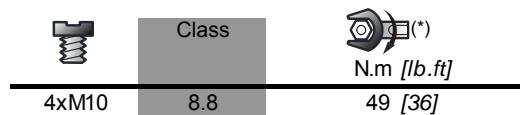


## Dimensions



## Installation

Mounting position: Indifferent



(\*) As per standard DIN 912



## Model code

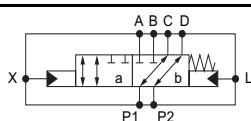
K V - 6 / 2 - 16 - H - □ - S A E 1 - 4 5 0 - □ - R A L - \*

## Operation

Hydraulically operated

H

## Spool type



No designation

## Ports

P1, P2, A, B, C, D - SAE, 6000 PSI  
X, L - 7/16-20 UNF

SAE1

## Max working pressure bar [PSI]

450 [6 527]

450

350 [5 076]

No designation

## Special requirements

To be briefly specified

## Surface protection

No designation	Phosphated
RAL	Painted RAL 9005
ZN	Zinc coated

## Seal type

No designation	NBR seals for mineral oil HL, HLP
E	FMM seals for HETG, HEES, HEPG

Mechanically operated

Hydraulically operated

Electrically operated