

Mechanically operated

Hydraulically operated

## 3/2 WAY DIRECTIONAL VALVES KVC

- NG 10 Up to 350 bar [5 076 PSI] Up to 100 L/min [26.4 GPM]

- Direct in-line mounting.
   Plug-in connector for solenoids to ISO 4400.
   Threaded connections to ISO 9974 (Metric), ISO 1179 (BSPP/Gas), ISO 11926 (UNF).
   Protection of solenoid IP65 to EN 50529 / IEC 60529.



KVC-3/2-10

#### Operation

Directional valves type KVC-3/2-10 with direct solenoid operation are used to control the direction of hydraulic fluid flow.

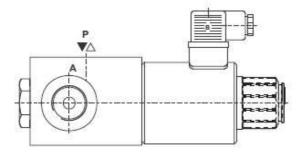
Type KVC-3/2-10 is a reduced version of type KV-8/2. It is used for alternate control of two one-pipe working units (e.g. Plunger) with common, main directional valve.

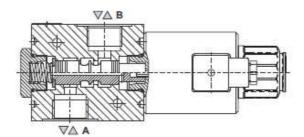
It is also very proper as bypass valve.

The change-over can also be done manually by pressing the emergency manual override.

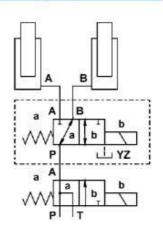
### Hydraulic symbol







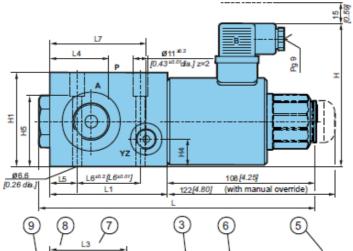
# Mounting example



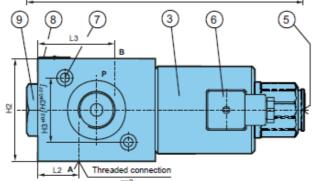
### Features

Hydraulic			
•			10
Size			10
Flow rate	Without drainage	— L/min [GPM]	60 [15.8]
		2 [2]	
Operating pressure	Without drainage	— bar [PSI]	250 [3 625]
Oil temperature range		°C [°F]	-20 to +70 [-4 to+158]
Viscosity range		mm²/s [SUS]	15 to 380 [3.24 to 82]
Mounting position			Optional
Mass	Without drainage	— kg [lb]	5,6 [12.34]
Filtration		NAS 1638	8
Electrical			
Supply voltage		V	12, 24 DC
Power		W	45
Switching frequency		1/h	15000
Ambient temperature		°C [°F]	to +50 [to +122]
Coil temperature		°C [°F]	to +180 [to +356]
Duty cycle			Continuous

## Dimensions



Dimensions	Without YZ	With YZ
L	201 [7.91]	210 [8.27]
L1	85 [3.34]	94 [3.70]
L2	29,5 [1.16]	31,5 [1.24]
L3	55,5 [2.18]	62,5 [2.46]
L4	42,5 [1.67]	47 [1.85]
L5	19,5 [0.76]	18 [0.71]
L6	46 [1.81]	40 [1.57]
L7	-	79,5 [3.13]
Н	104 [4.09]	105 [4,13]
H1	67 [2.63]	74 [2,91]
H2	73 [2,87]	90 [3,54]
H3	46 [1,81]	66 [2,60]
H4	-	33 [1,30]
H5	50,5 [1,98]	31 [1,22]



- 3. Solenoid "b" MR-060
  5. Emergency manual override
  6. Plug-in connector "b" -black
  7. Fixing screws:
  -without YZ: 2 x M6x60 to ISO 4762-10.9
  -with YZ: 2 x M6x40 to ISO 4762-10.9
  8. Nameplate
  9. Valve cap