HYDRAULICS INTERNATIONAL
Quality Hydraulic Products

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6 PORT SELECTOR VALVE

DVS6 *stackable 6 port/2 way change over valves are designed to be used when extra circuits are to be operated from one control lever on machines such as fork lift trucks, agricultural front end loader, telescopic handlers, and in transmissions circuits.*

DVS6 *can be stacked up to 3 valves allowing for the diverting of flow 2,3 or 4 directions depending on the combination chosen.*

These type selector valves have been carefully designed to meet the demands of progressive machine manufacturers for cost effective, reliable circuit selectors. The valve bodies are made from a special high quality cast iron alloy which is machined, using advanced machining techniques.

They are designed for a max, working pressure of 315 Bar (4560 psi) and will accept flows up to 50 l/min - 3/8" ported version. The advanced design of the valve spool ensures that fast spool switching can take place under any conditions without the use of a separate drain line.

The selector valves are often connected to the service ports of a double acting spool valve, to allow two double acting services to be operated from the one service.

The ***DVS6*** *valves can also be used to benefit circuits where the spool valves are located a long distance from the pumps. In this case the de-energized* ***DVS6*** *valve will return both lines to tank and, when energized, feed the circuit spool valves .This provides the advantage of minimizing the pressure drop through the system when needed, such as when transporting a machine in non-operational mode.*

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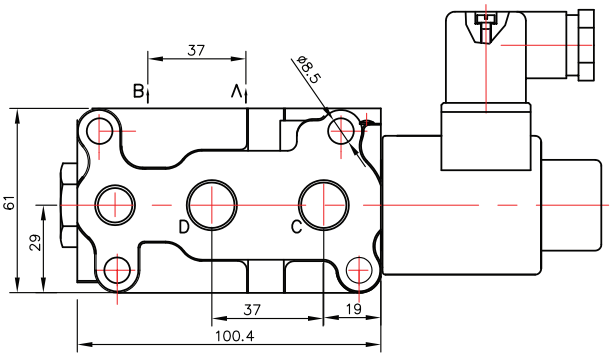
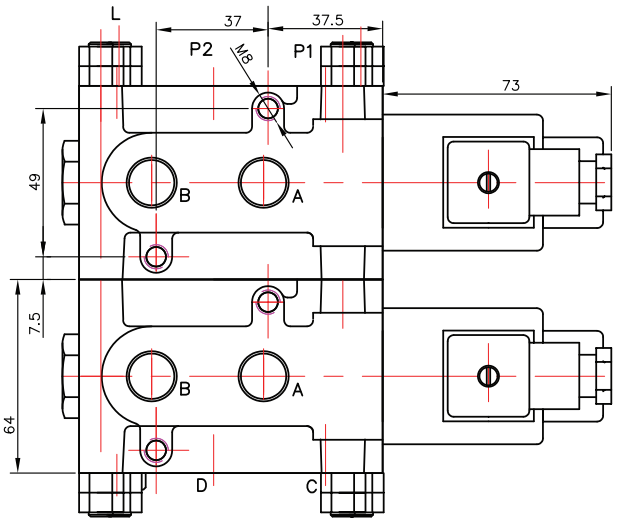
Ordering code

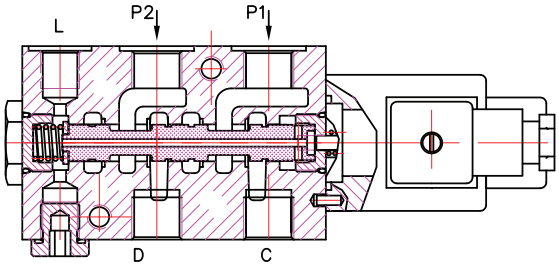
2DVS6–6/2–L–12DC–G38–...– ...

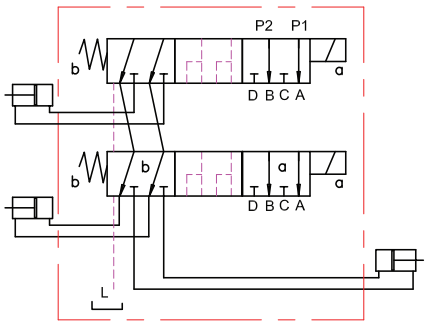
- Number of valves
- Drainage
- Supply voltage
- Threaded ports
- Without connector – 01
  With connector DIN 43650 – 02
- other

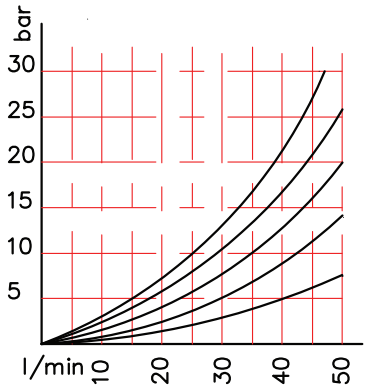
Supply voltage	12VDC or 24VDC
code	Threaded connections
G38	P1, P2, A, B, C, D – G3/8 ; L = G1/4
M18	P1, P2, A, B, C, D – M18x1.5 ; L = M14x1.5
SAE	P1, P2, A, B, C, D –SAE8 ; L = SAE4











for stacking 1–5 units

max P	with L	bar	315	Supply voltage	V	12; 24 DC
max P	without L	bar	210	Power	W	36, 29
Flow rate	max	l/min	50	Switching frequency	1/h	15 000
oil temperature		°C	–20+70	Ambient temperature		to 50°C
viscosity		mm/s	15–380	Coil temperature		to 180°C
filtration	NAS1638		9	Duty cycle		100%