



Technical specifications

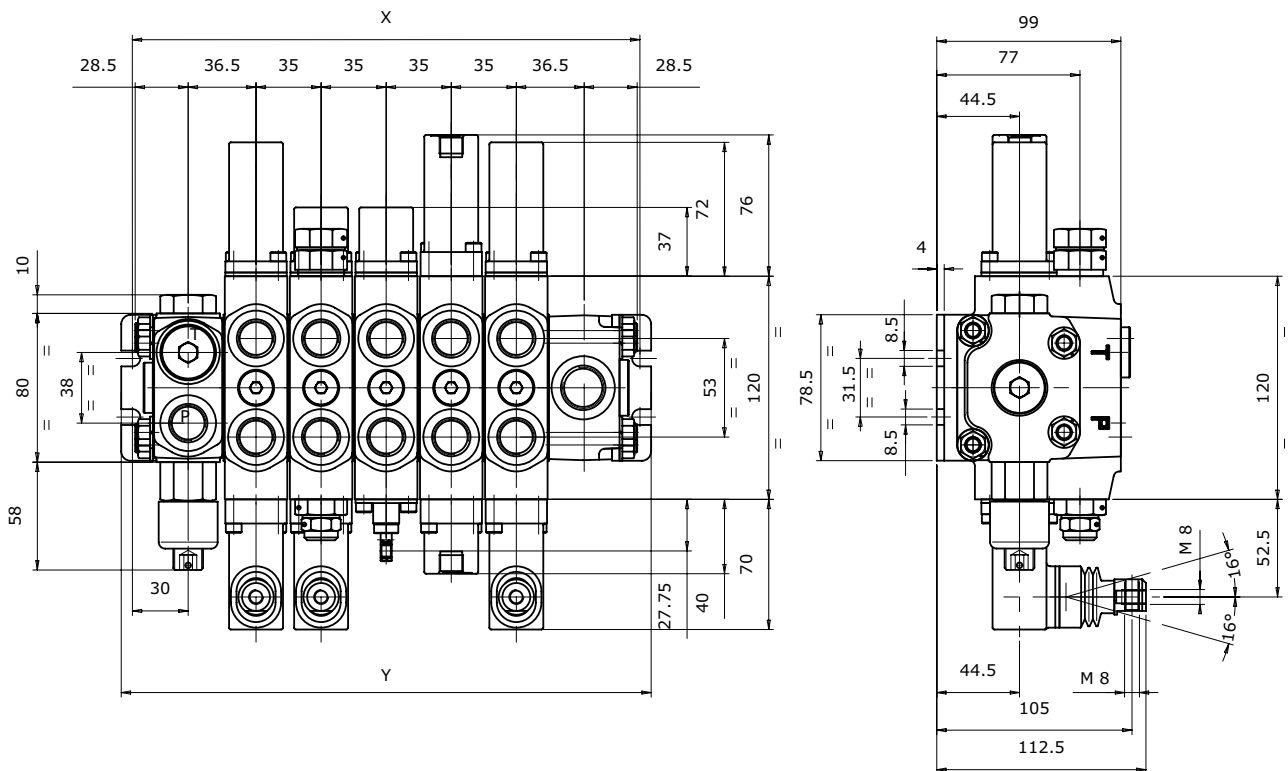
Working section number	1 - 12
Rated flow	45 l/min - 12 GPM
Rated pressure	350 bar - 5000 PSI
Spool stroke	6 + 6 mm
Spool pitch	35 mm
Circuit type	Parallel, series, tandem

Applications

Excavators (max 7 t), Cranes and Aerial platforms, Backhoe loaders, Wheel loaders, Backhoes, Hook and Skip loaders, Drilling machines, Forklifts.

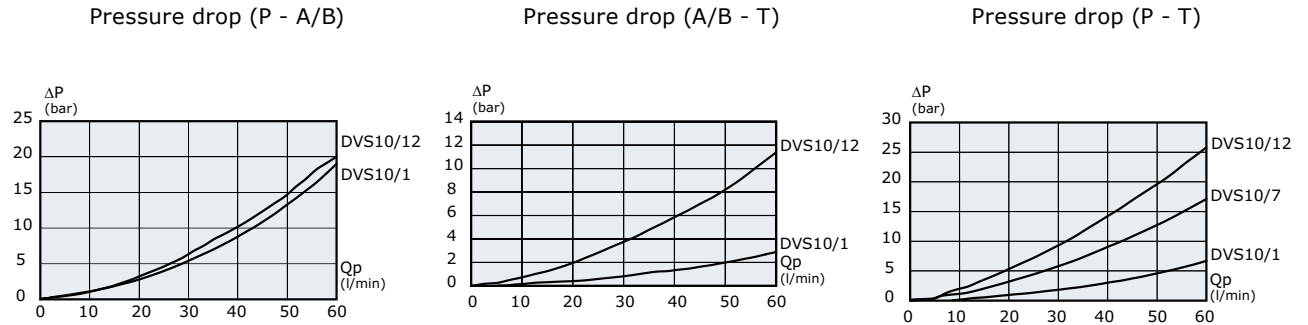
HC-DVS10 is a new family in the broad range of Hydrocontrol sectional valves. Specifically designed for mini skid loaders and mini dumpers applications HC-DVS10 can include different components normally assembled on the machine. The valve has very exact control characteristics, smooth and precise in operation, with compact light weight design.

Dimensions



TYPE	/1	/2	/3	/4	/5	/6	/7	/8	/9	/10	/11	/12
X (mm)	133	168	203	238	273	308	343	378	413	448	483	518
Y (mm)	180	180	215	250	285	320	355	390	425	460	495	530
Weights (kg)	6	8,5	11	13,5	16	18,5	21	23,5	26	28,5	31	33,5
PORTS	Inlet (P)		Ports (A-B)				Outlet (T)		Outlet (HPCO)			
BSP Thread (ISO - 228)	G 3/8 - G 1/2		G 3/8				G 1/2		G 1/2			
UN-UNF Thread (ISO - 725)	3/4"-16 UNF 7/8"-14 UNF		3/4"-16 UNF				7/8"-14 UNF		7/8" - 14 UNF			

Typical curves



Indicated values have been tested with standard sectional valve and W001A spools.

Spool type

<p>W001</p> <p>3 positions double-acting</p>		<p>W002</p> <p>3 positions double-acting A and B to tank</p>	
<p>W003</p> <p>3 positions double-acting A to tank B blocked</p>		<p>W004</p> <p>3 positions double-acting A blocked B to tank</p>	
<p>W005</p> <p>3 positions single-acting on A</p>		<p>W006</p> <p>3 positions single-acting on B</p>	

Spools are available in standard version (type A), metered version (type B) and with restricted connection to tank.

Features

The valve is available with manual, hydraulic remote, pneumatic, electrohydraulic controls. Numerous configurations and solutions are possible. Working sections have auxiliary valves and a broad range of interchangeable spools. There are special versions custom made to fit needs of specific applications like Mini dumpers: see doc. I02147