



Heavy duty designed sectional valves from 1 to 12 sections for open and closed centre hydraulic systems.

- Fitted with a main pressure relief valve and a load check valve.
- 3/4" or 1" BSPP Ports.
- Symmetrical body allows for reverse assembly of the spool.

Working Conditions	
Nominal Flow Rating	150 l/min
Maximum Working Pressure (Parallel Circuit)	315 Bar
(Series Circuit)	250 Bar
Max. Back Pressure	25 Bar
Oil Temperature with NBR Seals	-20 to 80°C
with FPM (Viton) Seals	-20 to 100°C
Oil Viscosity – Operating Range	From 10 to 75 cSt
Oil Viscosity – Minimum / Maximum	10 / 400 cSt
Oil Filtration	≤30 μ
Ambient Temperature Range	-35 to 60°C
Number Of Spools	1 to 12
Internal Leakage (at 100 bar (1450 PSI), 40°C (110°F), 46 cSt – A(B)—T)	3 cm ³ /min
Tie Rod Tightening Torque	40Nm

Note: This catalogue shows technical specifications measured with mineral oil of 46 cSt viscosity at 40°C temperature.

Sectional Directional Control Valve Coding

Body Type	Flow Rate	No. of spools	Spool #1 Type	Controller #1 type	Spool #2 Type	Controller #2 type	Port size	Outlet section
PD-	150-	2-	1A	SR-	4A	D-	1"	CO



Spool Types	Description
PD-150-1A-SP	Double acting cylinder spool
PD-150-4A-SP	Motor Spool A & B ports open to tank
PD-150-5A-SP	Single acting spool user in A
PD-150-6A-SP	Single acting spool user in B

Outlet Options	Description
PD-150-CO	High pressure carry over

Port Relief Valves	Description
24YAC150100	Anti-shock valve (63-220 BAR)
24YAA150100	Anti-shock & anti-cavitation valve (63-220BAR)
24YAS150100	Anti-cavitation valve
24YP150100	A & B port blanking plug

Relief Valve	Description
12SMR3150175	PD-150 Relief valve adjustable 125-250 BAR
12SMR4150220	PD-150 Relief valve adjustable 200-315 BAR

