

PROPORTIONAL VALVES

DLS180 Series

1 to 10 sections for systems with fixed displacement pumps (open centre).
 Supporting variable displacement pumps with load sense compensation (closed centre).
 Fitted with main pressure relief and load check.
 Pressure gauge connectors on each section.
 A wide variety of port service valves.
 20mm Ø interchangeable spools.
 Available with manual, electro-hydraulic and remote cable control.



Part No.	No. of SPOOLS	Nominal Flow	Max. Pressure	Max. Back Pressure	Leakage @ 100 BAR	Tightening Torque	Ports BSPP			Dim A mm
		L/MIN	BAR	BAR	CM3/MIN	NM	P	A&B	T	
DLS180/1/AM/6Z8LF3/RF	1	160	315	25	3	40	1"	3/4"	1"	177.5
DLS180/2/AM/2X6Z8LF3	2									225.5
DLS180/3/AM/3X6Z8LF3	3									273.5
DLS180/4/AM/4X6Z8LF3	4									321.5
DLS180/5/AM/5X6Z8LF3	5									369.5
DLS180/6/AM/6X6Z8LF3	6									417.5

The above with cylinder spool, spring centred, open circuit, with relief valve. Standard handles included in price.

Options		
Type	Part No.	Description
AM		INLET - Open Circuit with relief
AN		INLET - Closed Circuit with relief
AP		INLET - Closed Circuit without relief
6		Spool All ports closed - Refer to Page A29
7		Spool P closed A & B to Tank - Refer to Page A29
8MC	5V08210000	Spring Centre Kit
11BMC	5V11210000	Detent in positions 1 & 2, Spring return to neutral.
7FT	5V07210100	Friction Control
P1,P2	XCAR216116	Port Relief
U1,U2	XCAR316113	Port Relief & Anti. Cav.
8E13	5V08110320	Electric Control ON/OFF 12VDC
8E13	5V08110321	Electric Control ON/OFF 24VDC
LCB	5CLO216100	Joystick - Mechanical
8PF	5V08108708	Pneumatic Pilot Proportional
81MF3	5IDR216303	Hydraulic Pilot Proportional

Flow Options	
Flow Symbol	Range L/Min
Q	0-40
O	0-80
V	0-120
Z	0-140

