

MONOBLOCK VALVES

SD5 Series



Model	Spools	Nom Flow	Max Press Port P,A,B	Max Press Port T	Port Size
SD5/1/18	1	45 LPM	315 BAR	25 BAR	3/8" BSPP
SD5/2/2X18	2	45 LPM	315 BAR	25 BAR	3/8" BSPP
SD5/3/3X18	3	40 LPM	315 BAR	25 BAR	3/8" BSPP
SD5/4/4X18	4	40 LPM	315 BAR	25 BAR	3/8" BSPP
SD5/5/5X18	5	35 LPM	315 BAR	25 BAR	3/8" BSPP
SD5/6/6X18	6	35 LPM	315 BAR	25 BAR	3/8" BSPP
SD5/7/7X18	7	35 LPM	315 BAR	25 BAR	3/8" BSPP

5V08105000	Spring Centre Kit (Standard)
5V11105000	Detent 3 Position
5V15105000	Detent 2 Position 0 & 1
**SD5-513	4th Position Float
3XGIU522460	Plug - High Pressure Carry Over
3XTAP522282	Plug - Closed Centre

3XTAP623170	Plug - Open Centre (Standard)
5V08105701	Pneumatic Control
5IDR205021	Hydraulic Pilot - Proportional 5-15 BAR
5V08105930	Solenoid Control 12 Volt (2 sides)
5V08105960	Solenoid Control 24 Volt (2 sides)
5ROT/SD5	Rotary Spool Kit

SD11 Series



Model	Spools	Nom. Flow	Max Press Port P,A,B	Max Press Port T	Port Size P,A,B	Port Size T
SD11/1/18	1	70 LPM	315 BAR	25 BAR	1/2" BSPP	3/4" BSPP
SD11/2/2X18	2	70 LPM	316 BAR	26 BAR	1/2" BSPP	3/4" BSPP
SD11/3/3X18	3	65 LPM	317 BAR	27 BAR	1/2" BSPP	3/4" BSPP
SD11/4/4X18	4	65 LPM	318 BAR	28 BAR	1/2" BSPP	3/4" BSPP
SD11/5/5X18	5	60 LPM	319 BAR	29 BAR	1/2" BSPP	3/4" BSPP
SD11/6/6X18	6	60 LPM	320 BAR	30 BAR	1/2" BSPP	3/4" BSPP

5V11110000	Detent 3 Position
5V15110000	Detent 2 Position 0 & 1
**SD11-513	4th Position Float
3XGIU532470	Plug - High Pressure Carry Over
3XTAP532450	Plug - Closed Centre

5V08110701-10	Pneumatic Control ON/OFF
5V08111709	Pneumatic control Proportional
5IDR210000	Hydraulic Pilot 5.8-22.4 BAR Range
5CLO211100	Joystick (on 2 spools)
5ROT/SD11	Rotary Spool Kit

SD18 Series



Model	Spools	Nom. Flow	Max Press Port P,A,B	Max Press Port T	Port Size P,A,B,C	Port Size T
SD18/1/18	1	150 LPM	350 BAR	25 Bar	3/4" BSPP	1" BSPP
SD18/2/2X18	2	140 LPM	350 BAR	26 Bar	3/4" BSPP	1" BSPP
SD18/3/3X18	3	140 LPM	350 BAR	27 Bar	3/4" BSPP	1" BSPP

5V11120000	Detent 3 Position
5V15120000	Detent 2 Position 0 & 1
3XGIU541600	Plug - High Pressure Carry Over
3XTAP540560	Plug - Closed Centre
5V08120701	Pneumatic Control on/off
5IDR220000	Hydraulic Pilot - Proportional 6-26 Bar

HYDRAULIC PILOT VALVES

HRC2-S



The "S" series is a single function valve that may be fitted with many different styles of hand operated styles of hand operated levers. This unit may be used as a single valve or assembled into a bank of HRC2-S valves where more than one valve spool needs to be controlled. The valve's design allows a single pump supply and tank return line to be used in a bank of valves, and may be connected at either end of the assembly. The valves may be assembled into banks of up to 10.

HRC2-S1	HRC2-S2	Function symbol

HRC4-J1



The "J" series is a double function valve that may be fitted with many different styles of hand-operated levers. This unit is typically used to control two double acting spools using a single joystick-style actuator. This provides a single-handed, highly facile device to control two separate actuators

Switch configurations	Function symbol

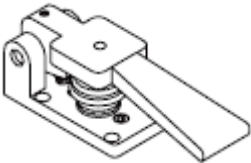
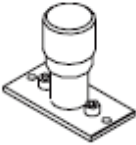
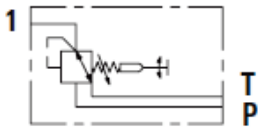
HYDRAULIC PILOT VALVES

HRC1

Mechanical, pedal, or handwheel operated models, half function type



This series is the most basic form of HRC. It is typically used to control a diverter valve or a diverter valve or power clutch, or similar single acting function. All HRCs are based upon the pressure reducing valve concept using a constant inlet pressure, and providing a variable outlet pressure as a direct result of the actuating mechanism.

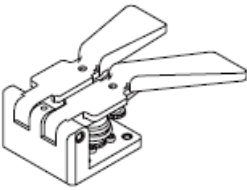
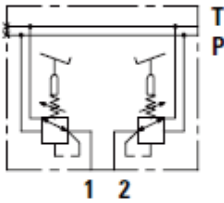
Single pedal	Hand wheel	Function symbol
		

HRC2-P2

Foot pedal operated, dual half-function type – with two foot pedals



The “P” series is a single function, dual pedal valve typically used to control a typically used to control a single double-acting spool. One foot pedal moves the spool in one direction and the other foot pedal reverses the direction of the spool travel. As with all HRC models, this valve operates on the pressure reducing concept, using a constant inlet pressure, and providing a variable outlet pressure as a direct result of the actuating mechanism

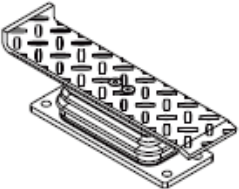
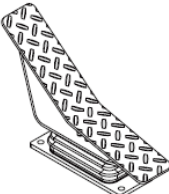
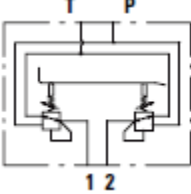
Dual foot pedal	Function symbol
	

HRC2-R1

Foot pedal operated, singlefunction models – Rocker pedal



The “R” series is a singlefunction valve that is fitted with either a standard straight foot pedal or, as an option, may be fitted with a more ergonomic dual slope pedal. Typical application is for use as a control for a single double-acting spool, or as a travel pedal on a tracked vehicle.

Flat foot pedal	Angled foot pedal	Function symbol
		

HYDRAULIC DIRECTION CONTROL VALVES



CETOP 3

	Description	Series	Voltage	Spare Coil	Long Code	Part #
	Single solenoid	series 3	12 V DC	507847	DG4V30AMUG760	869858
	Spring offset	series 3	24 V DC	507848	DG4V30AMUH760	869575
	2 position	series 3	110 V AC	507825	DG4V30AMUA660	859200
		series 3	240 V AC	507827	DG4V30AMUED660	870092
	Double solenoid	series 3	12 V DC	507847	DG4V32NMUG760	869962
	Detent	series 3	24 V DC	507848	DG4V32NMUH760	529764
	2 position	series 3	110 V AC	507825	DG4V32NMUA660	529765
		series 3	240 V AC	507827	DG4V32NMUED660	869939
	Double solenoid	series 3S	12 V DC	507847	DG4V3S2CMUG560	02-109055
	spring centered	series 3S	24 V DC	507848	DG4V3S2CMUH560	02-109025
	3 position	series 3S	110 V AC	02-101725	DG4V3S2CMUA560	02-109057
		series 3S	240 V AC	02-111261	DG4V3S2CMURD560	02-146380
	Double solenoid	series 3S	12 V DC	507847	DG4V3S0CMUG560	02-109044
	spring centered	series 3S	24 V DC	507848	DG4V3S0CMUH560	02-109043
	3 position	series 3S	110 V AC	02-101725	DG4V3S0CMUA560	02-109046
		series 3S	240 V AC	02-111261	DG4V3S0CMUED560	02-146659
	Double solenoid	series 3S	12 V DC	507847	DG4V3S8CVMUG560	02-145190
	spring centered	series 3S	24 V DC	507848	DG4V3S8CVMUH560	02-145192
	3 position	series 3S	110 V AC	02-101725	DG4V3S8CVMUA560	02-145187
		series 3S	240 V AC	02-111261	DG4V3S8CVMUED560	02-300848
	Double solenoid	series 3S	12 V DC	507847	DG4V3S6CMUG560	02-109048
	spring centered	series 3S	24 V DC	507848	DG4V3S6CMUH560	02-109047
	3 position	series 3S	110 V AC	02-101725	DG4V3S6CMUA560	02-109050
		series 3S	240 V AC	02-111261	DG4V3S6CMUED560	02-110969

CETOP 3 MANIFOLDS



Type	Stations	Max Press	A&B Ports	P&T Ports	G Port	Part Number
Parallel	2	210 bar	3/8 BSPP	1/2 BSPP	1/4 BSPP	HMC3P2MC
Parallel	3	210 bar	3/8 BSPP	1/2 BSPP	1/4 BSPP	HMC3P3MC
Parallel	4	210 bar	3/8 BSPP	1/2 BSPP	1/4 BSPP	HMC3P4MC
Parallel	5	210 bar	3/8 BSPP	1/2 BSPP	1/4 BSPP	HMC3P5MC
Parallel	6	210 bar	3/8 BSPP	1/2 BSPP	1/4 BSPP	HMC3P6MC
Series	2	210 bar	3/8 BSPP	1/2 BSPP	1/4 BSPP	HMC3S2MC
Series	3	210 bar	3/8 BSPP	1/2 BSPP	1/4 BSPP	HMC3S3MC
Series	4	210 bar	3/8 BSPP	1/2 BSPP	1/4 BSPP	HMC3S4MC
Series	5	210 bar	3/8 BSPP	1/2 BSPP	1/4 BSPP	HMC3S5MC
Series	6	210 bar	3/8 BSPP	1/2 BSPP	1/4 BSPP	HMC3S6MC

CETOP 3 SUB PLATES



Position of ports	Part Number
A-B-P-T Rear ported	PDM120
A-B Side ported, P-T Rear ported	PDM121
A-B-P-T Side ported	PDM121LAT
A-B Side ported, P-T Rear ported c/w relief valve	PDM1232V