

Hydraulic Control Valves

Sectional Valves

Description

Hydraulic distributors used for switching on/off and directing the working fluid between head flow generators (hydraulic pumps), head flow consumers (hydraulic cylinders, motors, etc) and the tank.

Construction

Sectional directional control valves with manual control. Manufactured as either parallel or serial working flow distribution versions. Can be integrated in packages of up to eight sections.

Mounting

Distributor is fixed with three bolts, P8.

Port Thread Sizes:

T: 3/4" BSPP

P, A, B: 1/2" BSPP


N: M26 x 1.5


Interchangeable with Walvoil SDS100.

All valves come as standard with adjustable main relief valve set at 250 bar, adjustable from 20 to 250 bar.

Includes standard lever.

Ambient Temperature	-40°C to +60°C
Media	Mineral oil based hydraulic oil
Viscosity	12 to 800mm ² /s
Filtration Level	10 to NAS 1638
Leakage (A, B, T)	30cm ³ /min at 120 bar
Nominal Flow	70 l/min
Spool Stroke	+/- 7mm
Actuating Force	< 200 N
Modification/Spools	Up to 8



 Working Temperature:
-15°C to +80°C

 Maximum Working Pressure:
A & B Ports: 300 bar, P Port: 250 bar,
T Port: 50 bar

Tech Sheet
60385



Type ZC70, 4 Way, 3 Position, Spring Return,
70 l/min, BSPP

0479			No. of Stations	Manufacturer's Code	£
1021-0024	1/2"	3/4"	1	ZC70 N/PA1/T/G	201.35
1021-0025	1/2"	3/4"	2	2ZC70 N/PA1/T/G	327.90
1021-0026	1/2"	3/4"	3	3ZC70 N/PA1/T/G	428.55
1021-0027	1/2"	3/4"	4	4ZC70 N/PA1/T/G	546.45
1021-0028	1/2"	3/4"	5	5ZC70 N/PA1/T/G	670.10
1021-0029	1/2"	3/4"	6	6ZC70 N/PA1/T/G	799.50
1021-0030	1/2"	3/4"	7	7ZC70 N/PA1/T/G	954.85
1021-0031	1/2"	3/4"	8	8ZC70 N/PA1/T/G	1104.40

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Construction

Sectional directional control valves with manual control. Manufactured as either parallel or serial working flow distribution versions. Can be integrated in packages of up to eight sections.

Mounting

Distributor is fixed with three bolts, P8.

Port Thread Sizes:

P, T: 3/4" BSPP


A, B: 1/2" BSPP


Interchangeable with Walvoil SDS150.

All valves come as standard with adjustable main relief valve set at 250 bar, adjustable from 20 to 250 bar.

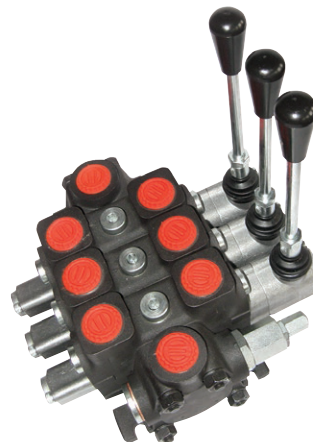
Includes standard lever.

Ambient Temperature	-40°C to +60°C
Media	Mineral oil based hydraulic oil
Viscosity	12 to 800mm ² /s
Filtration Level	10 to NAS 1638
Leakage (A, B, T)	30cm ³ /min at 120 bar
Nominal Flow	80 l/min
Maximum Flow	100 l/min
Spool Stroke	+/- 7mm
Actuating Force	< 200 N
Modification/Spools	Up to 8



 Working Temperature:
-15°C to +80°C

 Maximum Working Pressure:
A & B Ports: 300 bar, P Port: 210 bar,
T Port: 50 bar

Tech Sheet
60386



Type ZC100, 4 Way, 3 Position, Spring Return,
100 l/min, BSPP

0479			No. of Stations	Manufacturer's Code	£
1021-0032	1/2"	3/4"	1	ZC70 N/PA1/T/G1	227.25
1021-0033	1/2"	3/4"	2	2ZC70 N/PA1/T/G1	356.65
1021-0034	1/2"	3/4"	3	3ZC70 N/PA1/T/G1	523.45
1021-0035	1/2"	3/4"	4	4ZC70 N/PA1/T/G1	649.95
1021-0036	1/2"	3/4"	5	5ZC70 N/PA1/T/G1	836.90
1021-0037	1/2"	3/4"	6	6ZC70 N/PA1/T/G1	960.55

Also available with anti-shock/anti-cavitation and joystick options.