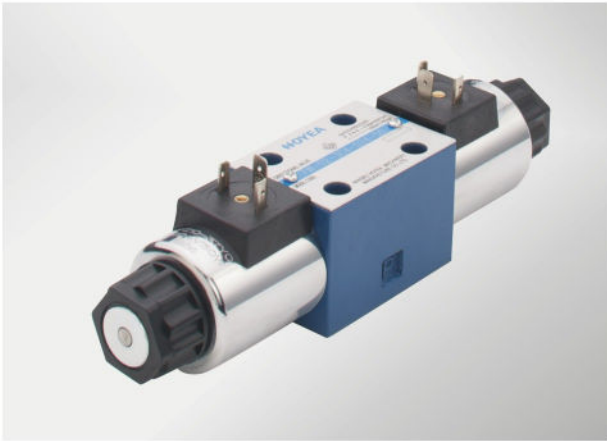


Electrical operated directional control valve



Technical specification



Specification		02		03	
Working (MPa) pressure	Oil ports P、A、B	31.5		31.5	
	Oil ports T	10		10	
Max. Flow (L/min)		80		120	
Working fluid		Mineral oil;phosphate-ester			
Fluid temp. (°C)		-20~70			
Viscosity (mm ² /s)		2.8~100			
Working voltage (V)	DC	12		24	
	AC	110V/50Hz		220V/50Hz	
Max.Switch frequency (T/h)		15000 (DC)		7200 (AC)	
Insulation grade		IP65			
Weight (kg)	Single solenoid	1.45(DC)	1.4(AC)	5.1(DC)	4.3(AC)
	Double solenoids	1.95(DC)	1.9(AC)	6.7(DC)	5.1(AC)
Cleanliness	The maximum allowable cleanliness of the oil should be according to 9th degree of Standard NAS1638.It is suggested that the minimum filter rating should be β 10≥75.				

Model description

FW - * - * - * * * / * * 50 *

Electrical Operated
Directional Control Valve

Specification
02 NS 6
03 NS 10

Function code
Details as following symbol table

Working voltage
D12 DC12V
D24 DC24V
A110 AC110V
A220 AC220V
B110 AC110V Rectified
B220 AC220V Rectified

Z5L Square connector with light
Z6 Wire box type

Remarks

Serial number

50 Rexroth
60 Vickers
70 Yuken
Seal material
Omit NBR Seals
V FPM Seals

Omit without damping
08 Φ0.8 Damping
10 Φ1.0 Damping
12 Φ1.2 Damping

Omit without hand emergency
N9 with concealed hand emergency

Electrical operated directional control valve

Code symbol

Spring return

3C2		2B2B		2B2BL	
3C3		2B3B		2B3BL	
3C4		2B4B		2B4BL	
3C5		2B5B		2B5BL	
3C6		2B6B		2B6BL	
3C7		2B7B		2B7BL	
3C9		2B9B		2B9BL	
3C10		2B10B		2B10BL	
3C11		2B11B		2B11BL	
3C12		2B12B		2B12BL	
3C25		2B25B		2B25BL	
3C29		2B29B		2B29BL	

2B2	
2B3	
2B8	

2B2L	
2B3L	
2B8L	

With detent

	2D2
	2D3
	2D8

No spring return and no mechanical positioning

	2N2
	2N3
	2N8

Note: *D* (No spring return mechanical positioning)
solenoid directional control valve should be installed horizontally.