



HOW TO ORDER

ESWHE	-G	03	-C2	-75	-K4	-2
Series	Mounting Style	Nominal Size	Spool Type	Nominal Flow	Connector	Rated Current
Proportional directional valve, Direct operated, close loop, without integrated electronics	G: Subplate Mounted	03:10mm	①	25:25L/min 50:50L/min 75:75L/min	No code: with K4: without	2:2.5A

① List of Spool Configurations

Application	Spool Type	Symbols	Application	Spool Type	Symbols
4-way, 3-position	C2 C21		4-way, 2-position	C2B	
	C30			C4B	
	C40 C41			C2BS	
				C4BS	
Remarks: spool type C21, C41, rated flow ratio of P-A and B-T is 2:1, P-B and A-T is 1:2					



Technical Data

Nominal Size	G03(10mm)
Installation Position	any, preferably horizontal
Storage temperature range	-15 to 80°C
Ambient temperature range	-15 to 70°C
Weight	6.3kg

● Hydraulic(measured with P=100bar, VG46, 90l = 40 ±5 °C

Maximum operating pressure	PortA, B, P 315 bar PortT 210 bar
Nominal flow (ΔP=10bar)	25, 50, 75L/min
Maximum flow	180L/min
Hydraulic fluid	Mineral Oil
Viscosity range	20 to 380mm ² /s (preferably 30...46)
admissible degree of contamination of the hydraulic fluid	Maximum admissible degree of contamination of the hydraulic fluid, cleanliness class 9 according to NAS 1638 (c) and Class 20/18/15 according to ISO 4406 (c)
Hysteresis	≤0.1%
Range of inversion	≤0.05%
Response Sensitivity	≤0.05%
Zero temperature drift	0.15%/10K 0.1%/100 bar

● Electrical

Rated current	2.5A
Solenoid coil resistance	Cold value 3.7Ω Maximum hot value 5.55Ω
Actuated time	ED 100%
Maximum coil temperature	150°C
Electrical Connection	Connector (according to DIN EN 175 301-803 and ISO 4400)
Protection class	IP 65

Electrical Connection

