

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	A B 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		C2B	T T A B T T T T T P T
	C3		4-way, 2-position	C4B	A B P T
	C4 C41			C2BS	A B T T T T T T T T T T T T T T T T T T T
				C4BS	A B N M T T T T T T T T T T T T T T T T T T

Remarks: Rated flow ratio of spool type C21 $_{\times}$ C41 P-A to P-B 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

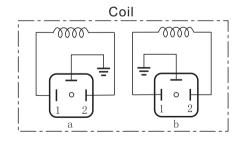
■ Hydraulic(measured with P=100bar, VG46, 9ÖI = 40 ±5 °C

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 380mm²/s (preferably 3046)
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

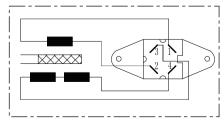
Electrical

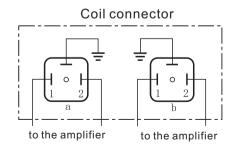
Rated current	2.5A	
Solenoid coil resistance	Cold value 3.7Ω Maximum hot value 5.55Ω	
Actuated time	ED 100%	
Maximum coil temperature	150°C	
Electrical Connection	Connector (according to DIN EN 175 301-803 and ISO 4400)	
Protection class	IP 65	

Electrical Connection



Inductive position transducer





Inductive position transducer connector

