



HOW TO ORDER

ESWHA	-G	03	-C2	-30	-K4	-3
Series	Mounting Style	Nominal Size	Spool Type	Nominal Flow	Connector	Rated Current
Proportional directional valve, Direct operated, open loop, without integrated electronics	G: Subplate Mounted	03:10mm	①	30:30L/min 60:60L/min	No code: with K4: without	3:3.3A

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	6.6kg

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

Maximum operating pressure	Port A, B, P 315 bar Port T 210 bar
Nominal flow (ΔP=10bar)	30, 60L/min
Maximum flow	75L/min
Hydraulic fluid	Mineral Oil
Viscosity range	20 to 380mm <sup>2</sup> /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 NAS 1638 (c) and Class 20/18/15 according to ISO 4406 (c)
Hysteresis	≤5%
Range of inversion	≤1%
Response sensitivity	≤0.5%

● Electrical

Rated current	3.3A
Solenoid coil resistance	Cold value 2.0Ω Maximum hot value 3.0Ω
Actuated time	ED100%
Maximum coil temperature	150°C
Electrical connection	Connector (according to DIN EN 175301-803 and ISO 4400)
Protection class	IP65

Electrical connection

