



#### ■ 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
	02 021			C2B	TT T TT
4-way, 3-position	C30		4-way, 2-position	C4B	XI-T THE
_	C40 C41		•	C2BS	
				C4BS	A B

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  $\,$ 

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### ESWHA-G03 PROPORTIONAL DIRECTIONAL VALVE

### 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

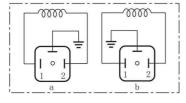
Maximum operating pressure	Port A, B, P 315 bar Port T 210 bar		
Nominal flow ( $\Delta P=10bar$ )	30, 60L/min		
Maximum flow	75L/min		
Hydraulic fluid	Mineral Oil		
Viscosity range	20 to 380mm²/s (preferably 3046)		
admissible degree of contamination of the hydraulic fluid	Maximum admissible degree of contamination of the hydraulic fluid, cleanliness class 9 according 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 $2.0\Omega$ Maximum hot value $3.0\Omega$	
Actuated time	ED100%	
Maximum coil temperature	150℃	
Electrical connection	Connector (according to DIN EN 175301-803 and ISO 4400)	
Protection class	IP65	

## Electrical connection

### Connection at connector



# Connection at mating connector

