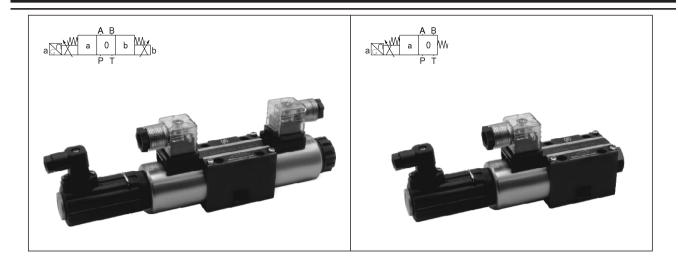


## ESWHE-G02 PROPORTIONAL DIRECTIONAL VALVE



## ■ HOW TO ORDER

ESWHE	-G	02	-C2	-32	-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	02:6mm	1	08:08L/min 16:16L/min 32:32L/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			C2B	
	C3		4-way, 2-position	C4B	A B P T
	C4 C41			C2BS	A B L T T T T T T T T T T T T T T T T T T T
				C4BS	A B T N 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、C41 P-A to P-B is 1:2

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## Technical Data

Nominal Size	G02(6mm)
Installation Position	any, preferably horizontal
Storage temperature range	−15 to 80°C
Ambient temperature range	-15 to 70°C
Weight	2.2kg

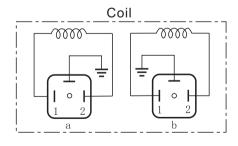
#### ● Hydraulic(measured with P=100bar, VG46, 9ÖI = 40 ±5 °C

Maximum operating pressure	PortA, B, P 315 bar PortT 210 bar
Nominal flow (ΔP=10bar)	08, 16, 32L/min
Maximum flow	80L/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

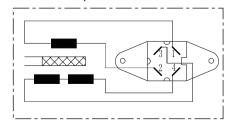
#### Electrical

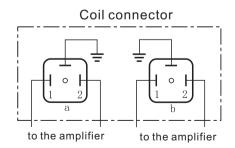
Rated current	2.5A		
Solenoid coil resistance	Cold value $2.7\Omega$ Maximum hot value $4.05\Omega$		
Actuated time	ED 100%		
Maximum coil temperature	150℃		
Electrical Connection	Connector (according to DIN EN 175 301-803 and ISO 4400)		
Protection class	IP 65		

## Electrical Connection



#### Inductive position transducer





#### Inductive position transducer connector

