











PROPORTIONAL DIRECTIONAL VALVE DHZE-A



Digital proportional valves without position transducer and with positive spool overlap, for open loop directional controls and not compensated flow regulations.

They operate in association with off-board driver, which supply the proportional valves with proper current to align the valve regulation to the reference signal supplied to driver.

Ordering Chart

Part No.	Symbol	Description	Max. flow (lpm)	Max. pressure (bar)
DHZE-A-071-L1		CETOP 3 PROPORTIONAL VALVE WITH LINEAR SPOOL	8	270
DHZE-A-071-L3		CETOP 3 PROPORTIONAL VALVE WITH LINEAR SPOOL	30	270
DHZE-A-071-L5		CETOP 3 PROPORTIONAL VALVE WITH LINEAR SPOOL	50	270
DHZE-A-071-S3		CETOP 3 PROPORTIONAL VALVE WITH PROGRESSIVE SPOOL	30	270
DHZE-A-071-S5		CETOP 3 PROPORTIONAL VALVE WITH PROGRESSIVE SPOOL	50	270
DHZE-A-073-L1		CETOP 3 PROPORTIONAL VALVE WITH LINEAR SPOOL	8	270
DHZE-A-073-L3		CETOP 3 PROPORTIONAL VALVE WITH LINEAR SPOOL	30	270
DHZE-A-073-L5		CETOP 3 PROPORTIONAL VALVE WITH LINEAR SPOOL	50	270
DHZE-A-073-S3		CETOP 3 PROPORTIONAL VALVE WITH PROGRESSIVE SPOOL	30	270
DHZE-A-073-S5		CETOP 3 PROPORTIONAL VALVE WITH PROGRESSIVE SPOOL	50	270

Hydraulic Characteristics

Valve model	DHZE	
Pressure limits (bar)	Ports P, A, B = 350 T= 210	
Spool type & size	S3, L3	S5, L5,
at delta p = 10 bar (P-T)	18	28
at delta p = 30 bar (P-T)	30	50
at delta p = 70 bar (P-T)	45	70
Response time (ms)	30	30
Hysteresis (%)	5 (% of max regulation)	
Repeatability (%)	1 (% of max regulation)	

Electrical Characteristics

Max power consumption	30 W	
Coil voltage code	standard 12V	option /18v
Max. solenoid current	2.2 A	1A
Coil resistance R at 20 Deg C	3 / 3.3	13 / 13.4
Insulation class	H (180) Due to the occurring surface temperatures of the solenoid coils the European standards ISO 13732-1 and EN982 must be taken into account	
Protection degree to DIN EN60529	IP65 with mating connections	
Duty factor	Continuous rating (ED=100%)	
Certification	cURus North American Standard	

Spool regulation characteristics :

L= Linear

S= Progressive

Valve body characteristics:

chambers type for DHZE 3

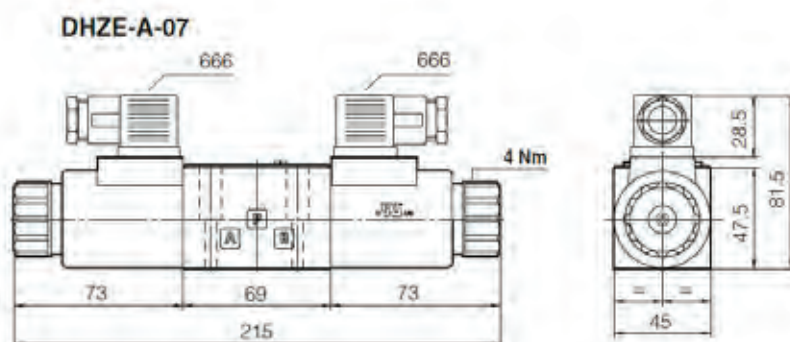
DHZE:

Size: 06- iso 4401

Max flow: 70 l/min

Max pressure: 350 bar

The solenoids are certified according to North America standards cURus.



Note: Excludes driver - see P 34 or contact our sales department

Note: Flow rates specified in ordering chart are at 30 bar delta P.

Note: Cetop 05 type DKZE available on request as not a stocked item.