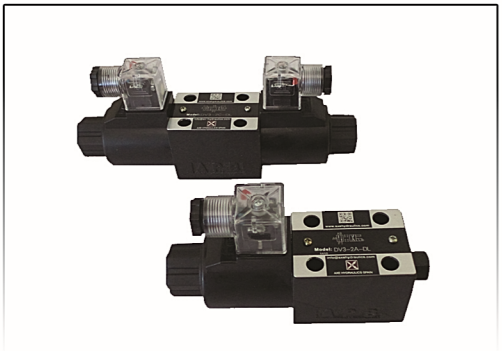
AXE HYDRAULICS

DV3 - SERIES

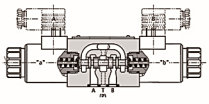
DIRECTIONAL CONTROL VALVE SOLENIOD OPERATED CETOP - 3 (NG 06)

Q-max: 63 lpm

P-max: 315 bar

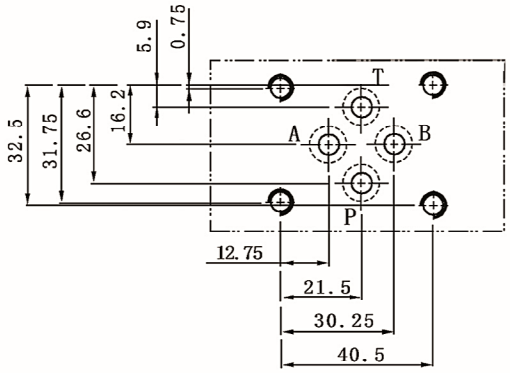


FEATURES



- The DV3 series directional control valve has mounting surface according to the ISO 4401 standards
- Directional valves used to start, stop and direct oil flow.
- The valve is supplied with 3 or 4 ways designs, with 2 or 3 positions with a wide range of interchangeable spools.
- The valve is available with DC or AC solenoids. LED light standard.
- The valve is supplied with standard surface treatment of phosphate black.

MOUNTING DIMENSIONS (MM)



TECHNICAL SPECIFICATIONS

Model	DV3	DV3***M
Flow Rate	63 l/min	40 l/min
Working Pressure	A, B, P ports 315(Bar)	A, B, P ports 210(Bar)
	T port 160(Bar)	T port 160(Bar)
Weight Single Solenoid	1.5 KG	1.5 KG
Weight Double Solenoid	2.2 KG	2.2 KG
Ambient Temperature range	-20/+50 °C	-20/+50 °C
Fluid temperature range	-20/+80 °C	-20/+80 °C
Fluid viscosity range	10 ÷ 400 cSt	10 ÷ 400 cSt

IDENTIFICATION CODE

	O	C	DL	DC24	-----	-----
DV3	*	*	*	*	*	*

Series
DV3= Cetop 3(NG 06)

Spool Configuration
(See paragraph 1*)

Spring Configuration
(See paragraph 2*)

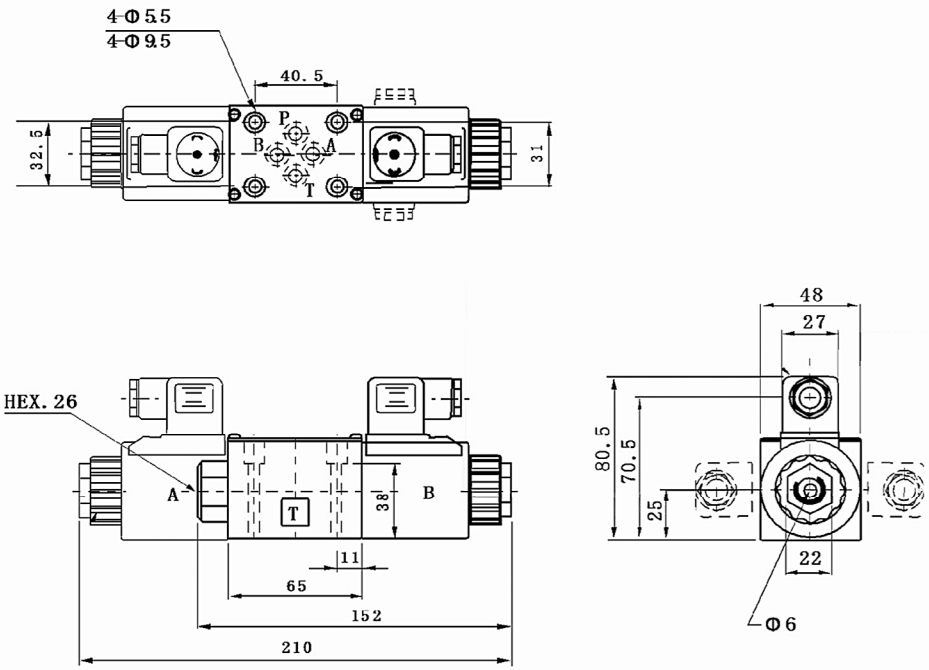
Connecter Type
DL= Plug-in connector with light (Standard)

Input Voltage
(See paragraph 3*)

Additional Function
Null=Standard
LS=Function of low impact

Other Series Null
Null=Standard
M=Shock absorption

OVER ALL MOUNTING DIMENSIONS



SPOOL CONFIGURATIONS

(Paragraph 1*)

Position in netural	Double Solenoid valves Spring centred -C-	Single solenoid valves solenoid at port A end -B-	Single solenoid valves solenoid at port B end -BL-	During transition	Double Solenoid valves, two position (Detented) -N-	Single solenoid valves, solenoid at port A end -A-	Single solenoid valves, solenoid at port B end -AL-
0	DV3-0C	DV3-0B	DV3-0BL	0	DV3-0N	DV3-0A	DV3-0AL
1	DV3-1C	DV3-1B	DV3-1BL	2	DV3-2N	DV3-2A	DV3-2AL
2	DV3-2C	DV3-2B	DV3-2BL	3		DV3-3A	DV3-3AL
3	DV3-3C	DV3-3B	DV3-3BL	4		DV3-4A	DV3-4AL
4	DV3-4C	DV3-4B	DV3-4BL				
5	DV3-5C	DV3-5B	DV3-5BL				
6	DV3-6C	DV3-6B	DV3-6BL				
8	DV3-8C	DV3-8B	DV3-8BL				
11	DV3-11C	DV3-11B	DV3-11BL				
31	DV3-31C	DV3-31B	DV3-31BL				
33	DV3-33C	DV3-33B	DV3-33BL				

SPRING CONFIGURATIONS

(Paragraph 2**)

A : Spring offset to port A single solenoid

AL: Spring offset to port B sinlgle solenpid

B : Spring centred - single solenoid at port A end

BL: Sprimg centred - single solenoid at port B end

C : Spring centred - double solenoid

N : Detent without spring

INPUT VOLTAGE

(Paragraph 3***)

A 240 : AC240/60HZ, AC220/50 HZ

A 220 : AC220/60HZ, AC220/50 HZ

A 120 : AC120/60HZ, AC110/50 HZ

A 110 : AC110/60HZ, AC100/50 HZ

R 240 : AC240/60HZ, AC220/50 HZ

R 220 : AC220/60HZ, AC220/50 HZ

R 120 : AC120/60HZ, AC110/50 HZ

R 110 : AC110/60HZ, AC100/50 HZ

D 24 : DC24

D 12 : DC12