ADL06.6... FLOW DIVERSION VALVES

The 6 way flow diversion valves are special solenoid valves which allow the simultaneous connection of two systems.

In order to obtain valve's working at pressure of 250 bar up to 320 bar (exeternal drainge) the G 1/8" BSP plug must be removed to Y connector.

Max. pressure (without drainage, Y pluged)	250 bar
Max. pressure (external drainage)	320 bar
Max. flow	40 l/min
Overlap	negative
Fluid viscosity	10 ÷ 500 mm²/s
Fluid temperature	-25°C ÷ 75°C
Ambient temperature	-25°C ÷ 60°C
Max. contamination level	class 10 in accordance with NAS 1638 with filter $\beta_{25} \geq 75$
Weight	2,4 Kg

ADL06.6...	
"D15" DC COILS	CH. I PAGE 67
STANDARD CONNECTORS	CH. I PAGE 19

ORDERING CODE

ADL06	Flow diversion valves NG6
6	No. of way
W	Threaded connectors 3/8"BSP
I	Without drainage Y connector pluged
*	Voltage (see table 1)
**	Variants (see table 2)
3	Serial No.

TAB.2 - VOLTAGE

D15 COIL (30W)

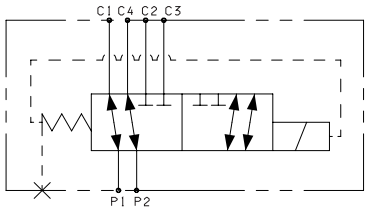
L	12V	
M	24V	
V	28V*	115Vac/50Hz 120Vac/60Hz with rectifier
N	48V*	
Z	102V*	
P	110V*	230Vac/50Hz 240Vac/60Hz with rectifier
X	205V*	
W	Without DC coils and connectors	

Voltage codes are not stamped on the plate, their are readable on the coils.

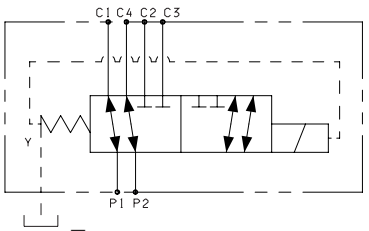
* Special voltage

• AMP Junior (with or without diode) and Deutsch and with flying leads coils, are available in 12V or 24V DC voltage only.
• Plastic type coils are available in 12V, 24V, 28V or 110V DC voltage only.

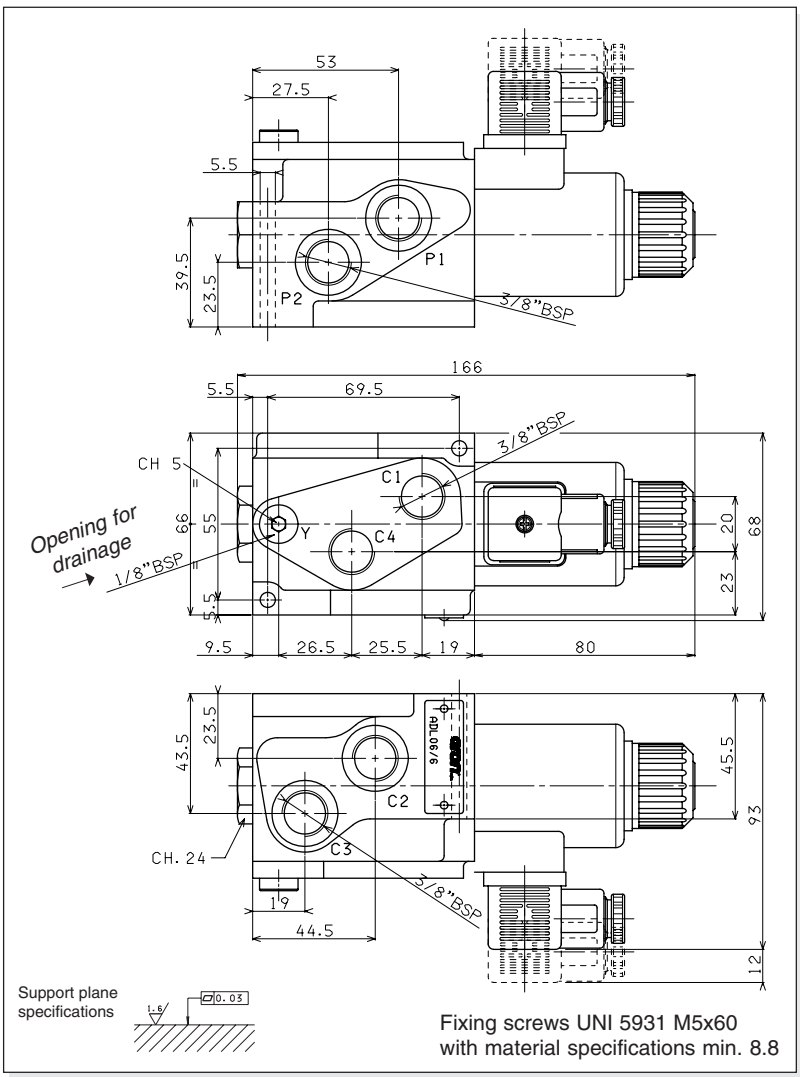
DRAINS AND HYDRAULIC SYMBOLS



WITHOUT DRAINAGE - Y PLUGED



EXTERNAL DRAINAGE



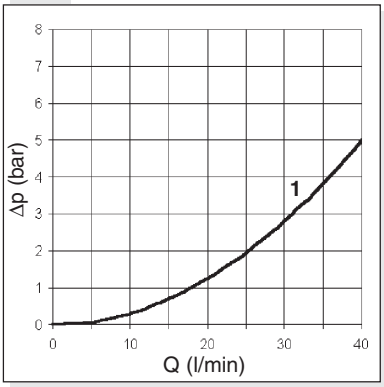
TAB.2 - VARIANTS

No variant (connectors as in the drawing)	00
Viton	V1
Pilot light	X1
Rectifier	R1
Flow diversion without connector (coil)	S1
Emergency button	E1
Rotary emergency button	P1
Viton + Pilot light	VX
Viton + Rectifier	VR
Pilot light + Rectifier	XR
AMP Junior coil	AJ
AMP Junior coil and integrated diode	AD
Coil with flyning leads (175mm)	SL
Deutsch DT04-2P Coil type	CZ
Plastic type coil	BR

PRESSURE DROPS

Curve n° 1:

P1 →C1
P1→ C2
P2 →C3
P2 →C4



Leakages: ≤10 cc/min with rest carried out at a fluid temperature of 40°C with a pression at 200 bar; the fluid used was a mineral based oil with viscosity of 46 mm²/s at 40° C.