

ADL06.6... FLOW DIVERSION VALVES



ADL06.6...

"D15" DC COILS	CH. I PAGE 68
STANDARD CONNECTORS	CH. I PAGE 19

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 (external drainage) the G 1/8" BSP plug must be removed to Y connector.

Max. pressure (without drainage, Y plugged)	250 bar
Max. pressure (external drainage)	320 bar
Max. flow	40 l/min
Overlap	negative
Fluid viscosity	10 ÷ 500 mm ² /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

ORDERING CODE

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

TAB.2 - VOLTAGE

D15 COIL (30W) **

L	12V
M	24V
V	28V*
N	48V*
Z	102V*
P	110V*
X	205V*
W	Without DC coils and connectors

115Vac/50Hz
120Vac/60Hz
with rectifier

230Vac/50Hz
240Vac/60Hz
with rectifier

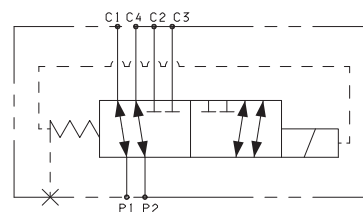
Voltage codes are not stamped on the plate, their are readable on the coils.

* Special voltage

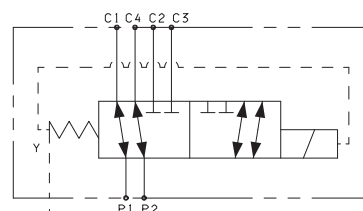
** Technical data see page XII • 4

- 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 PLUGGED



EXTERNAL DRAINAGE

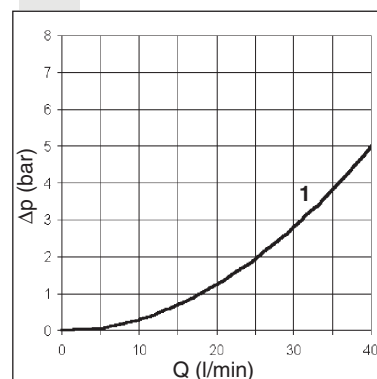
TAB.2 - VARIANTS

No variant (without connectors)	S1(*)
Viton	SV(*)
Emergency button	ES(*)
Rotary emergency button	P2(*)
AMP Junior coil	AJ(*)
AMP Junior coil and integrated diode	AD(*)
Coil with flying leads (175mm)	SL
Deutsch DT04-2P Coil type	CZ
Plastic type coil D15	RS(*)

Other variants available on request.

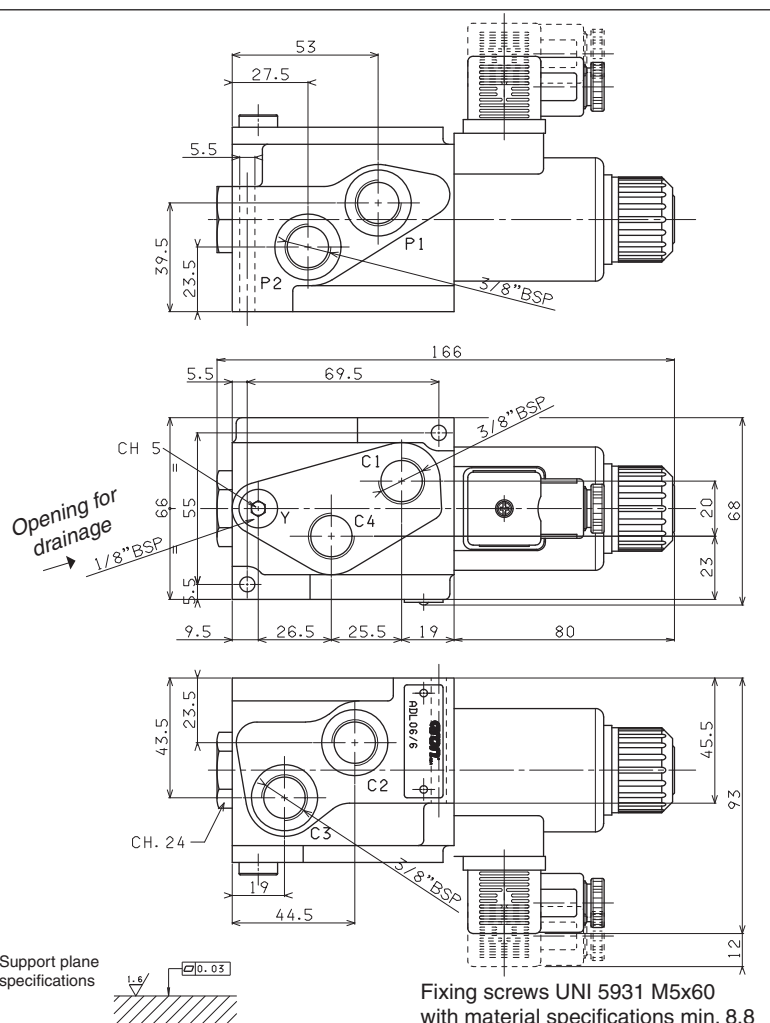
(*) Coils with Hirschmann and AMP Junior connection supplied without connectors. The connectors can be ordered separately, ch. I page 19.

PRESSURE DROPS

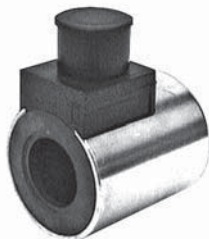


Curve n° 1:

- P1 → C1
- P1 → C2
- P2 → C3
- P2 → C4



Fixing screws UNI 5931 M5x60
with material specifications min. 8.8



"D15" DC COILS FOR CETOP 3



Type of protection (in relation to the connector used)	IP 66
Number of cycles	18.000/h
Supply tolerance	±10%
Ambient temperature	-54°C ÷ 60°C
Duty cycle	100% ED
Insulation class wire	H
Weight	0,354 Kg

MOUNTING COMPATIBILITY

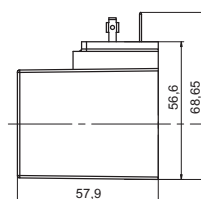
CETOP 3	CH. I PAGE 8
AD3.E...	CH. I PAGE 11
AD3.V...	CH. I PAGE 13
ADL.06...	CH. I PAGE 64
A.66...	CH. IV PAGE 19
CD.3...	CH. XI PAGE 5

VOLTAGE (V)	MAX WINDING TEMPERATURE (AMBIENT TEMPERATURE 25°C)	RATED POWER (W)	RESISTANCE AT 20°C (OHM) ±10%
12V	110°C	30	4.8
24V	110°C	30	18.8
28V*	110°C	30	25.6
48V*	110°C	30	75.2
102V*(**)	110°C	30	340
110V*(**)	110°C	30	387
205V*(**)	110°C	30	1375

* Special voltages

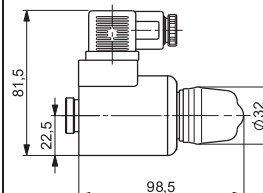
** The european low voltage directive is applied to electrical equipments used at a nominal voltages between 50 and 1000 VAC or 75 and 1500 VDC. In conformity with the low directive each part of the manifold or the subplate on which the valve is mounted should be connected to a protective earth with a resistance less than 0.1 ohms.

PLASTIC COIL (RS)

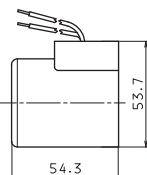


SEE THE FOLLOWING PAGE

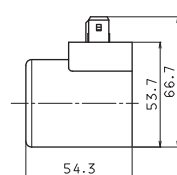
ES MANUAL EMERGENCY



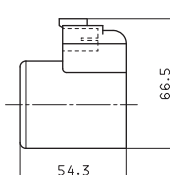
FLYING LEADS (SL)



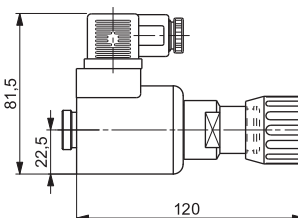
AMP JUNIOR (AJ) AJ + DIODE (AD)



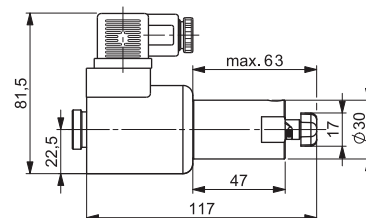
DEUTSCH (CZ) DT04 - 2P



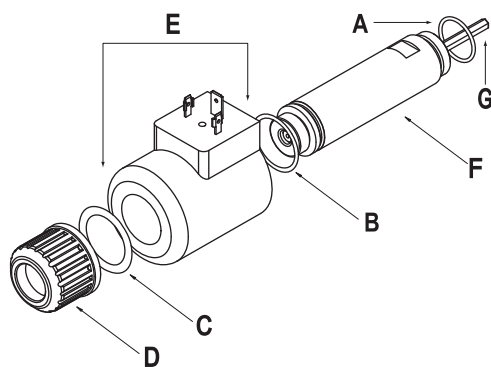
P2 ROTARY EMERGENCY



R5 ROTARY EMERGENCY 180°



SPARE PARTS



E = SEE D15 COIL TABLE

A/B/C/D/F/G = SINGLE SPARE PARTS (SEE CODES TABLE)

D15 DC - 30W COIL		CONNECTIONS			
VOLTAGE	HIRSCHMANN (STANDARD) (00)	AMP JUNIOR (AJ)	AMP JUNIOR + DIODE (AD)	FLYING LEADS (175) (SL)	DEUTSCH (CZ)
12V (L)	M14450002	M14460002	M14470002	M14480002	M14490002
24V (M)	M14450004	M14460004	M14470004	M14480004	-
28V* (V)	M14450005				
48V* (N)	M14450006				
102V* (Z)	M14450018				
110V* (P)	M14450008				
205V* (X)	M14450019				

(*)SPECIAL VOLTAGES

ETD15-CODE - 00/2007/e

COMPLETE KIT	AD3E	CD3	ADL06	AD3V	A66
COMPLETE SOLENOID'S TUBE	V85990003				
P2 ROTARY EMERGENCY	V89990010				-
R5 ROTARY EMERGENCY 180°	V15050097		-		
ES MANUAL EMERGENCY	M19050004				

CODE SPARE PARTS	A	B	C	D	E	F	G	MOUNTING AVAILABLE
	O RING			RING NUT	COIL	TUBE	HEX. PUSHROD	
AD3E CD3 AD3V ADL06	Q25830024	Q25860033	Q25830185	M37050030	SEE TABLE D15	M83130001	M74470001 M74470002 M74470003	C - E - F - M G - H - I - L D
A66							M74470004	-