

CDL.10.6... STACKABLE CIRCUIT SELECTOR VALVES



The stackable circuit selector valves, type CDL.10.6, allows one single drive of 6 users with 5 elements connected in series.

As they are moved from high performances solenoids they don't need the external drainage.

This valves can manage high hydraulic powers with a minimal pressure drop.

Max. pressure	250 bar
Max. flow	80 l/min
Overlap	negative
Hydraulic fluids	Mineral oils DIN 51524
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 NAS with 1638 with filter β_{25}^{375} see "Overall dimension"
Weight	

CDL.10.6...

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CONNECTORS STANDARD CH. I PAGE 19

ORDERING CODE

CDL Stackable circuit selector valve

10 Size NG10

6 No. of way
(single element)

W Threaded connectors
1/2" BSP

I Internal drainage

***** No. of elements: 1/2/3/4/5

***** Voltage (Tab. 1)

****** Variants (Tab. 2)

1 Serial No.

TAB.1 - A16 COIL

DC VOLTAGE

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

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

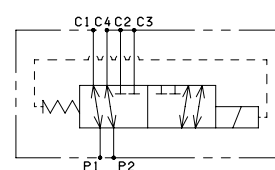
* Special voltage

TAB.2 - VARIANTS

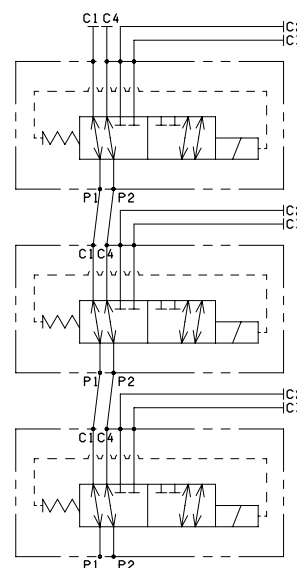
No variant	00
(connectors as in the drawing)	
Viton	V1
Pilot light	X1
Rectifier	R1
Valve without connector (coil)	S1
Viton + Pilot light	VX
Viton + Rectifier	VR
Pilot light + Rectifier	XR
Emergency button	E1
Rotary emergency button	P1

HYDRAULIC SYMBOLS

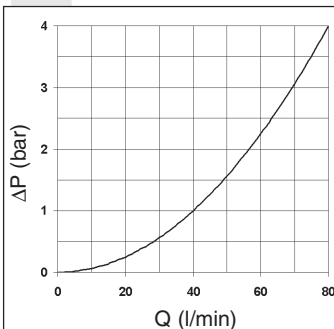
SINGLE ELEMENT



MULTISTATION CONNECTION



PRESSURE DROPS

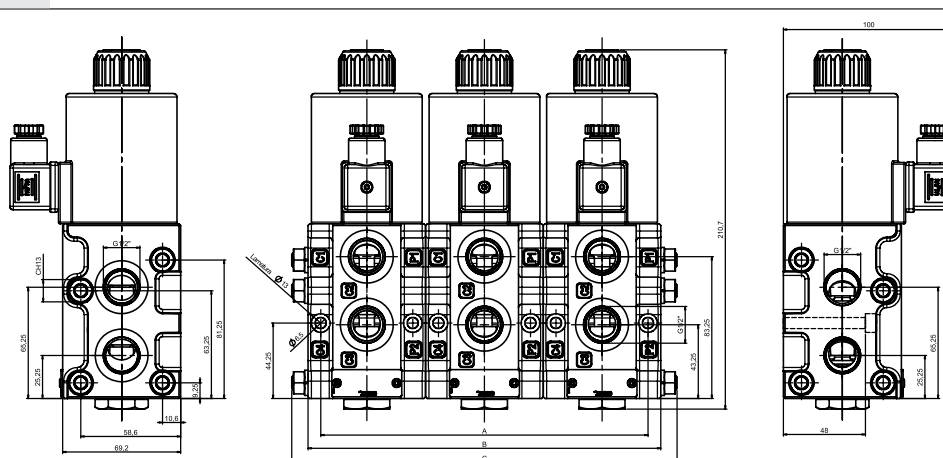


— P1 → C1, P1 → C2,
P2 → C3 et P2 → C4

The fluid used is a mineral oil with a viscosity of 46 mm²/s at 40°C; the tests have been carried out at a fluid temperature of 40°C.

Fixing screws UNI 5931 M6x60
with material specifications min. 8.8
Tightening torque for studs 8 Nm / 0.8 Kgm
Tightening torque for rods 20 Nm / 2 Kgm

OVERALL DIMENSIONS



No. of elements	No. of way	Lengths (mm)			Weight (Kg)	Kit spare part code* (rods and studs)
		A	B	C		
1	06	54	69	-	4,5	/
2	08	123	138	160	9,3	V89.56.0001
3	10	192	207	226	14	V89.56.0002
4	12	261	276	296	18,5	V89.56.0003
5	14	330	345	365	23,3	V89.56.0004

(*) For multiple composition rods and studs are available.