

C2V.02... CARTRIDGE SOLENOID VALVES

2 WAY 2 POSITIONS



C2V.02...

"22 W" DC COILS CH. V PAGE 43

STANDARD CONNECTORS CH. I PAGE 19

Max. pressure	250 bar
Max. flow	12 l/min
Max. excitation frequency	2 Hz
Duty cycle	100% ED
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 with NAS 1638 with filter β ₂₅ ≥ 75

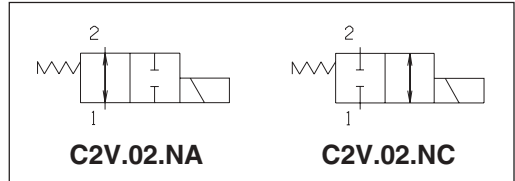
Type of protection (in relation to the connector used)	IP 65
Weight (with coil)	0,30 Kg
Cartridge tightening torque	25 ÷ 30 Nm / 2.5 ÷ 3 Kgm
Coil ring nut tightening torque	7 Nm (0.7 Kgm)

ORDERING CODE

C2V	Cartridge 2 way / 2 positions
02	22W Coil
**	Versions NC = Normally closed NA = Normally open
A	Seat size Ø 12.7 mm dia (standard)
H	Hirschmann connection
*	Voltage (see table 1)
**	00 = No variant S1 = Without connector (coil) R1 = Rectifier
1	Serial No.

Flux	C2V.02.NA
1 → 2	curve n° 1
2 → 1	curve n° 2

Flux	C2V.02.NC
1 → 2	curve n° 3
2 → 1	curve n° 3

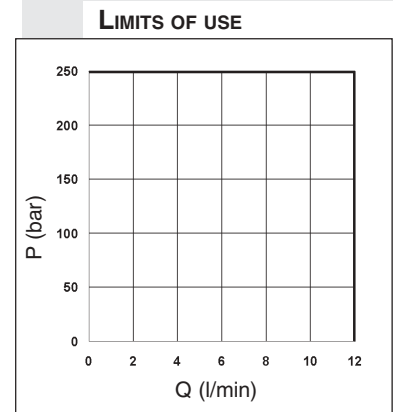
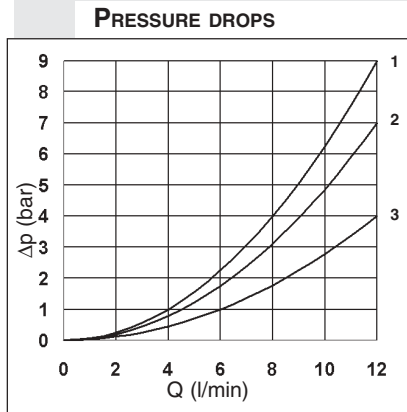


The tests were carried out with the solenoids at operating temperature, with a supply voltage 10% below nominal value and with a 40°C fluid temperature. The fluid used is a mineral oil with viscosity of 46 mm²/s at 40°C.

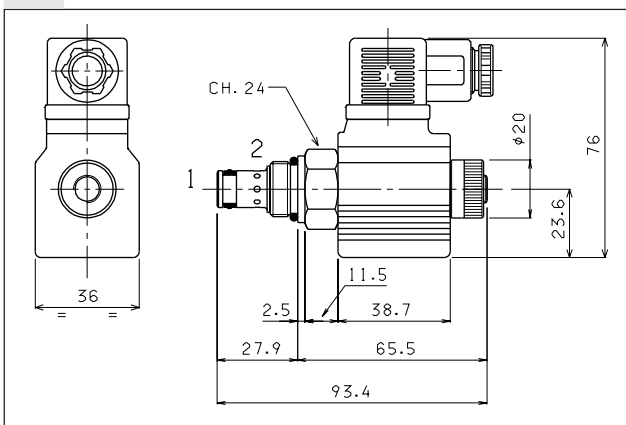
TAB.1 - DC VOLTAGE (22W COIL)

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

* Special voltage



OVERALL DIMENSIONS



VALVE SEAT TYPE "A"

