

| C3V.02 / CRV.00 | |
|---------------------|---------------|
| 22 W DC COIL | Ch. V page 36 |
| STANDARD CONNECTORS | Ch. I page 21 |

ORDERING CODE

C3V

Cartridge 3 way / 2 positions

**

02 = 22W Coil **00** = 18W Coil (12V only)

1C

С

Schema (see hydraulic symbol)

Seat

H = Hirschmann connection

D = Deutsch connection (solo per bobine 18W)

*

1

Voltage (for 22W coil only, Tab. 1)

00 = No variant

S1 = Without connector (coil)

R1 = Rectifier

NR = NBR Seal

for fluid temperature max. 90°

Serial No.

C3V02... / C3V.00...

CARTRIDGE SOLENOID VALVES 3 WAY 2 POSITIONS



210 bar

12 l/min

100% ED

0,30 Kg

Mineral oils DIN 51524

class 10 in accordance with NAS 1638 with filter \$35 ≥75

25 ÷ 30 Nm / 2.5 ÷ 3 Kgm

 $10 \div 500 \text{ mm}^2/\text{s}$

7 Nm (0.7 Kgm)

-25°C ÷ 75°C -25°C ÷ 60°C

2 Hz

Max. pressure

Max. flow

Max. excitation frequency

Duty cycle

Hydraulic fluids Fluid viscosity

Fluid temperature Ambient temperature

Max. contamination level

Type of protection (in relation to the connector used) Weight (with coil)

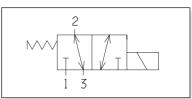
Cartridge tightening torque

Coil ring nut tightening torque

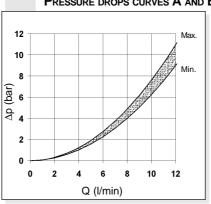
with a 40°C fluid temperature.

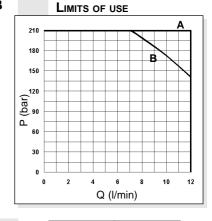
The tests were carried out with the 22W solenoids at their working temperature, with a supply voltage 10% below nominal value and

The fluid used is a mineral oil with viscosity of 46 mm²/s at 40°C.



PRESSURE DROPS CURVES A AND B



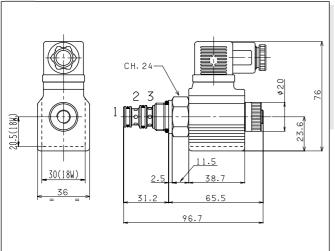


| | Tab.1 - DC vol | TAGES (22W COIL) |
|-------------|-----------------------|--|
| L M | 12V 24V | 110Vac/50Hz 120Vac/60Hz with rectifier |
| N R S | 48V* 98V* 196V* | 220Vac/50Hz 240Vac/60Hz with rectifier |
| W | Without DC coil | |

* Special voltages

| Flux | Curve n° |
|-------|----------|
| 1 → 2 | А |
| 2 → 1 | Α |
| 2 → 3 | А |
| 3 → 2 | В |

OVERALL DIMENSIONS



VALVE SEAT - SCALE 2.5:1

