



### CDV.02...

## CDV.02... CARTRIDGE FLOW DIVIDER-COMBINER

The cartridge valve type CDV.02...

mount a spool-type flow divider-

combiner. This function allow to

synchronize two hydraulic actuators

The speedy ratio of the actuators are

rated regardless of flow dividing/

combining ratio. A constant

synchronization of two actuators is

possible with different loads too

(between a max. error of ±3%).

in independent mode.

Max. operating pressure 250 bar Max. inlet flow 15 l/min

**Gran**°

Min. inlet flow 2,5 l/min Max. error on single use, regardless of nominal value  $\epsilon$ %  $\leq$  ±3

Hydraulic fluids Mineral oils DIN 51524 Fluid viscosity  $10 \div 500 \text{ mm}^2/\text{s}$ Fluid temperature -25°C ÷ 75°C Ambient temperature -25°C ÷ 60°C Max. contamination level class 10 in accordance

with NAS 1638 with filter B<sub>26</sub>≥75

Weight 0,116 Kg Tightening torque 30 ÷ 40 Nm (3 ÷ 4 Kgm)

## **O**RDERING CODE

CDV Flow divider/combiner cartridge valve

02 Size

Α

Flow dividing/combining ratio (50:50)

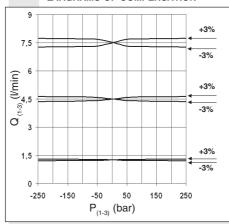
15 Max. flow inlet 15 l/min

00 No variant

1

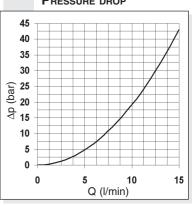
Serial No.

## **DIAGRAMS OF COMPENSATION**



The compensation tests have been carried out between connection port "1" and connection port "3", with ∆p value of 250 bar.

# PRESSURE DROP



The tests have been carried out a fluid temperature of 40°C. The fluid used is a mineral oil with a viscosity of 46 mm<sup>2</sup>/s at 40°C.

### **ORDERING CODE**

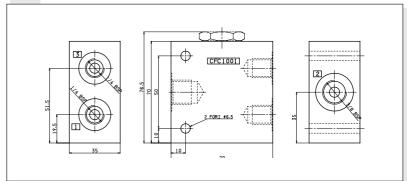
**CFC** Valve line mounting block for CDV.02

1 Attachment size in 3/8" BSP out 1/4" BSP

00 No variant

1 Serial No.

## OVERALL DIMENSIONS VALVE LINE MOUNTING BLOCK



#### OVERALL DIMENSIONS, HYDRAULIC SYMBOL AND VALVE'S SEAT

