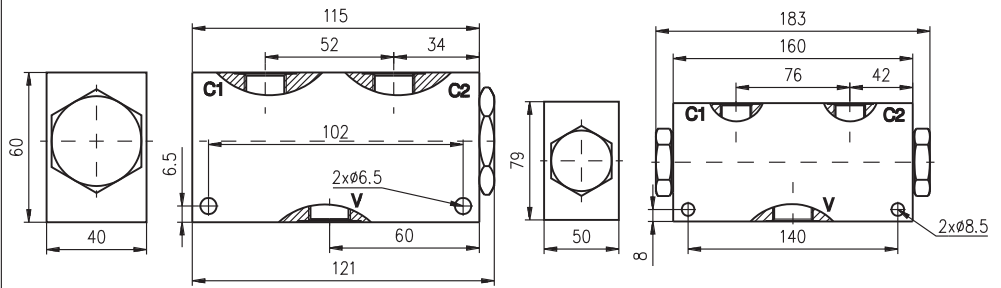


**DESCRIPTION**

- ✓ Dividing and combining valves for pipe mounting-FDC.....-...
- ✓ The dividing and combining valves are designed to separate the flow in the hydraulic system on two equal passages which pass equally in the return line. In that way synchronized movement is obtained for operating the actuator in both directions.

**DIMENSIONS**


| TYPE FDC10  | V     | C1    | C2    |
|-------------|-------|-------|-------|
| FDC10 38-12 | G3/8" | G3/8" | G3/8" |
| FDC10 38-24 | G3/8" | G3/8" | G3/8" |
| FDC10 12-40 | G1/2" | G3/8" | G3/8" |

| TYPE FDC20    | V     | C1    | C2    |
|---------------|-------|-------|-------|
| FDC20 34-90   | G3/4" | G1/2" | G1/2" |
| FDC20 100-150 | G1"   | G3/4" | G3/4" |

**ORDERING CODE**

|     |     |     |   |     |
|-----|-----|-----|---|-----|
| FDC | *** | *** | - | *** |
|-----|-----|-----|---|-----|

Dividing and combining valve

Modifications:

-10

-20

Connection "V" threads:

G3/8"-38

G1/2"-12

G3/4"-34

G1"-100

Flow rate range: modification - 10

4...12 l/min - 12

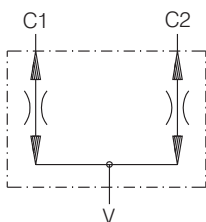
12...24 l/min - 24

24...40 l/min - 40

modification - 20

40... 90 l/min - 90

80...150 l/min - 150

**SYMBOL**

**TECHNICAL DATA**

|                                                          |               |                |
|----------------------------------------------------------|---------------|----------------|
| Max. Pressure                                            |               | 210 bar        |
| Input flow                                               | FDC10 38-12   | 4...12 l/min   |
|                                                          | FDC10 38-24   | 12...24 l/min  |
|                                                          | FDC10 12-40   | 24...40 l/min  |
|                                                          | FDC20 34-90   | 40... 90 l/min |
|                                                          | FDC20 100-150 | 80...150 l/min |
| Accuracy at pressure diff. 12 MPa between C1 and C2 - ΔQ |               | ±5%            |
| Working liquid-hydraulic oils with characteristics:      |               |                |
| -viscosity                                               |               | 10...400 cSt   |
| -degree of filtration                                    |               | 0,025 mm       |
| -temperature                                             |               | -20...+80°C    |