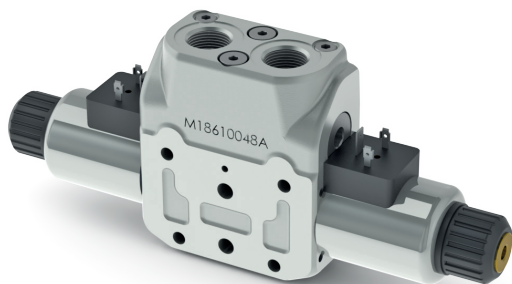




POST COMPENSATED FLOW SHARING VALVE HIGH EFFICIENCY ENERGY SAVING



Connector to be ordered separately, see page 86.

ORDERING CODE

CFS	FLOW SHARING valve												
3	Size												
*	Mounting (see table 1)												
*	Body type: A = Ports G3/8" parallel P = Ports G1/2" parallel Q = Ports SAE8 3/4"-16UNF parallel G = Interface for modular valves												
**	Spool type 01 =  03 = 												
N	Symmetrical flow path control												
*	Flow rating <table border="1" data-bbox="363 1265 574 1422"> <thead> <tr> <th>*</th> <th>Δp 14bar</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>8 l/min</td> </tr> <tr> <td>2</td> <td>18 l/min</td> </tr> <tr> <td>3</td> <td>25 l/min</td> </tr> <tr> <td>4</td> <td>40 l/min</td> </tr> <tr> <td>5</td> <td>55 l/min</td> </tr> </tbody> </table>	*	Δp 14bar	1	8 l/min	2	18 l/min	3	25 l/min	4	40 l/min	5	55 l/min
*	Δp 14bar												
1	8 l/min												
2	18 l/min												
3	25 l/min												
4	40 l/min												
5	55 l/min												
*	Max. current at solenoid (1): E = 2.35 A (9 Vdc) - Special coil F = 1.76 A (12 Vdc) G = 0.88 A (24 Vdc)												
**	Variants (2): S1 = No variant LF/LV = Emergency control lever (3) For body type G order LR variant (emergency lever 180° rotated) SV = Viton ES = Emergency button (3) P2 = Rotary emergency (3) R5 = Rotary emergency 180° (3) AJ = AMP Junior coil (see page 91) CZ = Deutsch DT04-2P coil (see page 91)												
1	Serial No.												

(1) Coils technical data, see page 91
 Voltage codes are not stamped on the plate, they are readable on the coils
 (2) Connector to be ordered separately, see page 86; Other variants available on request.
 (3) Emergency see page 75

High efficiency energy saving valve FLOW SHARING

- High efficiency energy saving valve
- Compact dimensions
- Venting valves can be adopted to de-pilot pressure compensators on port A and/or B
- Valve's body with the same interface of all BFP bankable valves range, so can be assembled with all existings valves, precompensated (CXDH3) included
- Cast iron zinc plated body.

HYDRAULIC SYMBOL

Max. operating pressure	310 bar
Max. operating pressure ports T (Pressure dynamic allowed for 2 millions of cycles)	250 bar
Regulated flow rate (A / B ports)	up to 35 l/min (Δp 14 bar) up a 60 l/min (Δp 18 bar)
Relative duty cycle	Continuous 100% ED
Type of protection (Hirschmann coil)	IP 65
Fluid viscosity	10 ÷ 500 mm ² /s
Fluid temperature	-20°C ÷ 75°C
Ambient temperature	-20°C ÷ 60°C
Max. contamination level (filter $\beta_{10} \geq 75$)	ISO 4406:1999: class 19/17/14 NAS 1638: class 8
Weight with single solenoid	3.10 kg
Weight with double solenoid	3.71 kg



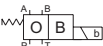
Solenoid	@ 9Vdc	@ 12Vdc	@ 24Vdc
Current supply	PWM (pulse width modulation)		
Max. current solenoid	2.35 A	1.76 A	0.88 A
Solenoid coil resistance at 25°C (77°F)	2.25 Ohm	4.0 Ohm	16.0 Ohm
PWM or superimposed dither frequency	100 ÷ 150 Hz		
Response time			
0 ÷ 100%	32 ms	40 ms	85 ms
100% ÷ 0	33 ms	33 ms	33 ms
Frequency response -3db (input signal 50% ±25% Vmax)	22 Hz	22 Hz	12 Hz

Operating specifications are valid for fluid with 46 mm²/s viscosity at 40°C, using the specified Brevini Fluid Power electronic control units. (input voltage = 24V).

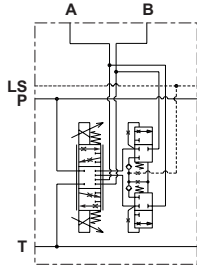
Accessories

REM.S.RA.*.*	Card type control for single and double solenoid
REM.D.RA.*.*	
CEPS...	Electronic amplifier plug version for single solenoid
MAV	Electronic module for integrate control of proportional valves and ON/OFF
JMPEI0M700101	Joystick with standard handle
JMPIU0M700138	Joystick Person present handle
Modular valves	CM3P (page 79) and CM3M (page 81)

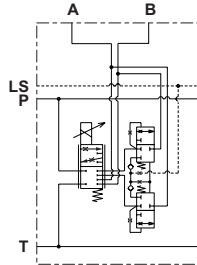
Tab.1 - Mounting

Code	Symbol
C	
A	
B	

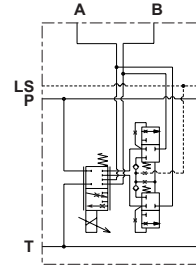
Spool 01 mounting C-A-B



CFS3C.01 ..

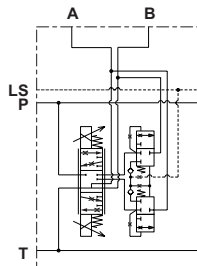


CFS3A.01 ..

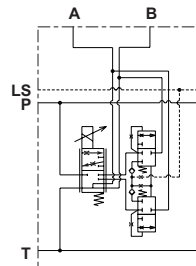


CFS3B.01 ..

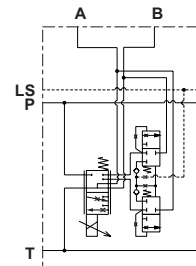
Spool 03 mounting C-A-B



CFS3C.03 ..



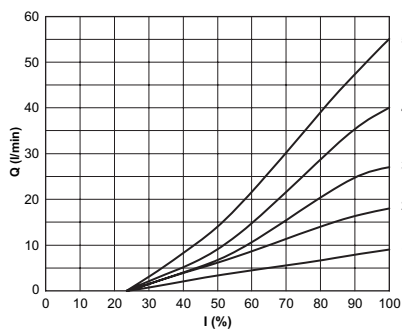
CFS3A.03 ..



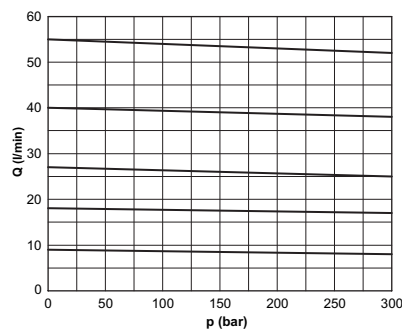
CFS3B.03 ..

CHARACTERISTIC CURVES

Q-I curves with Δp 14bar



Compensation curves



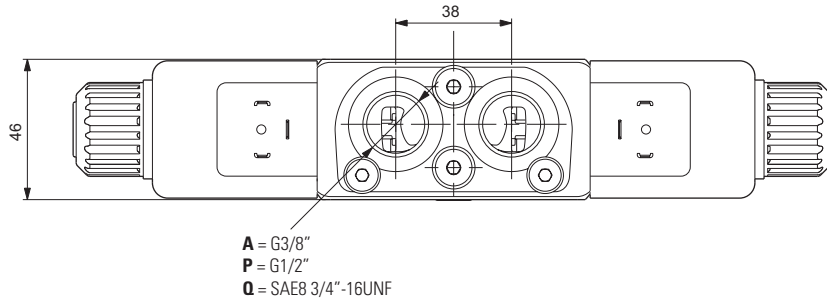
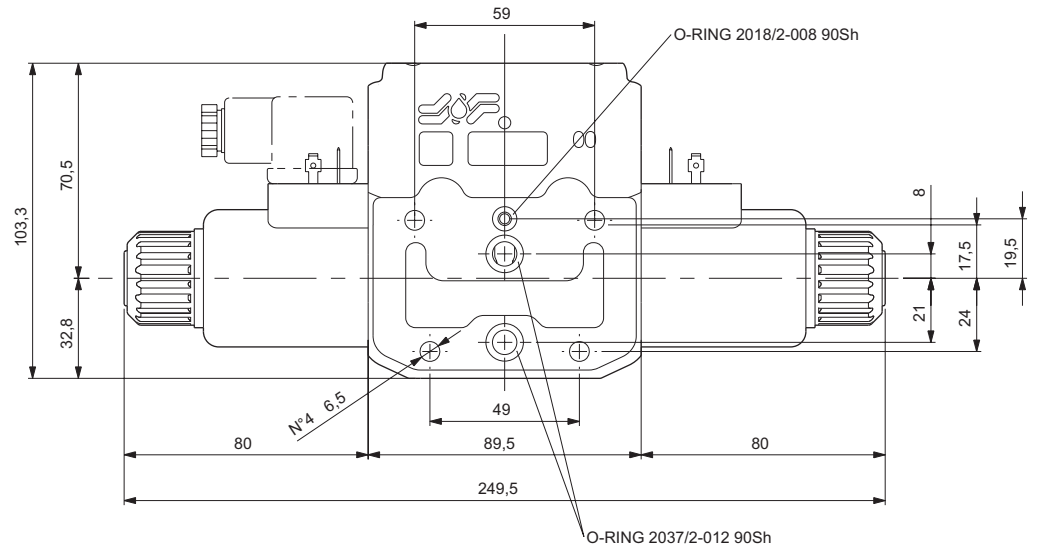
Curves	Flow
1	8 l/min
2	18 l/min
3	25 l/min
4	40 l/min
5	55 l/min

CFS3

OVERALL DIMENSIONS

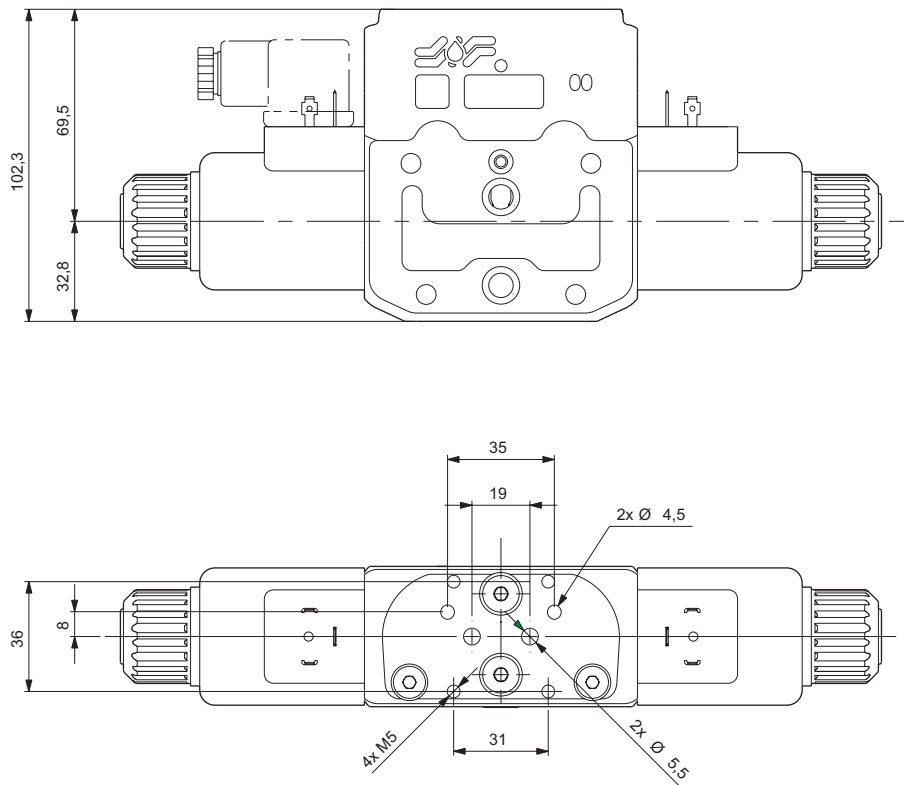
Body

- A** = Ports G3/8" parallel
- P** = Ports G1/2" parallel
- Q** = Ports SAE8 3/4"-16UNF parallel



Body type G

Interface for modular valves



Fittings, max. tightening torque 60 Nm