



CCP.20...

# CCP.20... Two-way Pressure Compensator Cartridge Valve



Pressure compensator type CCP maintains a constant pressure drop ( $\Delta p$ ) regardless of downstream and up stream set pressure variation.

Connecting a choke regulator between Pu port and Pil - piloting port - (see hydraulic scheme) it is possible to get a load independent flow regulation.

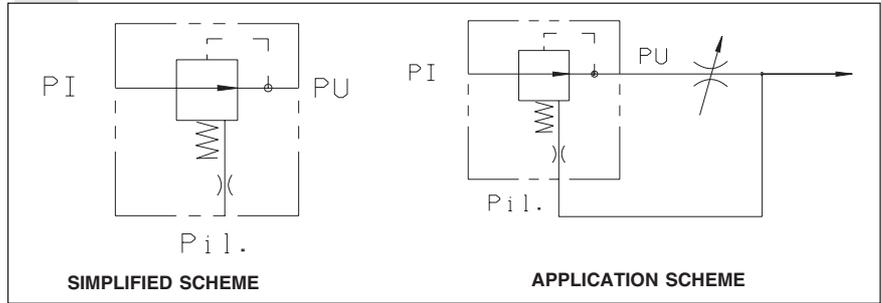
This kind of compensator, named "meter in" (check in entrance), is suitable for application on special manifold or in line mounting bodies.

Max. pressure	250 bar
$\Delta p$ of regulation (standard)	8 bar
Max. flow	50 l/min
Hydraulic fluids	Mineral oils DIN 51252
Fluid viscosity	10 ÷ 500 mm <sup>2</sup> /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 $\beta_{25} \geq 75$
Weight	0,2 Kg
Tightening torque	30 ÷ 40 Nm (3 ÷ 4 Kgm)

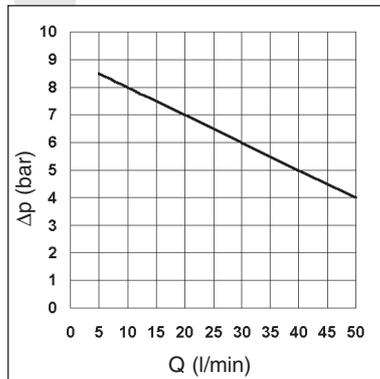
### ORDERING CODE

- CCP** Two-way pressure compensating cartridge
- 20** Size
- S** Without regulation  $\Delta p$
- \*** Differential pressure ( $\Delta p$ )  
8 = 8 bar (standard)  
4 = 4 bar
- \*\*** 00 = No variant  
V1 = Viton
- 1** Serial No.

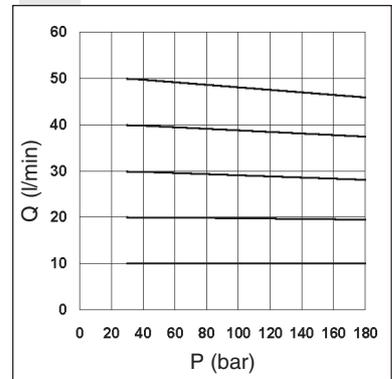
### HYDRAULIC SYMBOLS



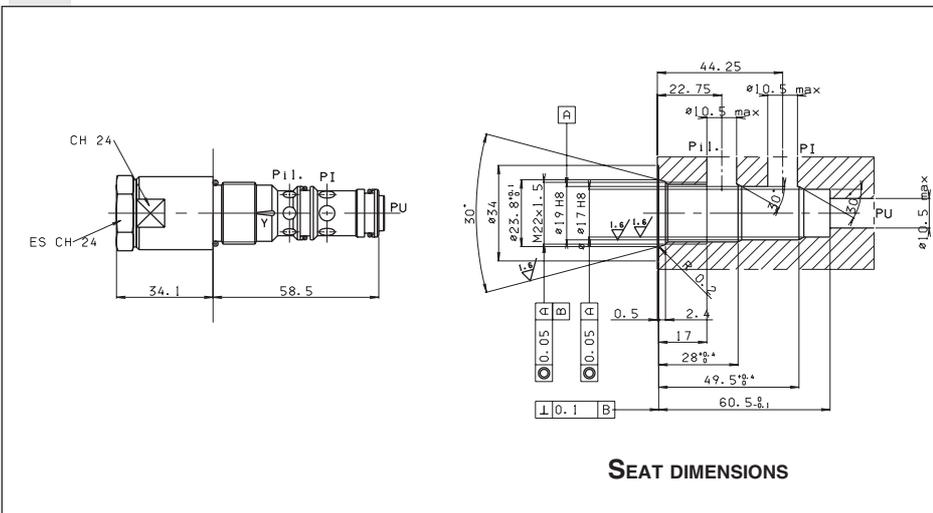
### $\Delta p$ BETWEEN PU AND PIL - FLOW



### PRESSURE - FLOW RATE



### OVERALL DIMENSIONS



SEAT DIMENSIONS