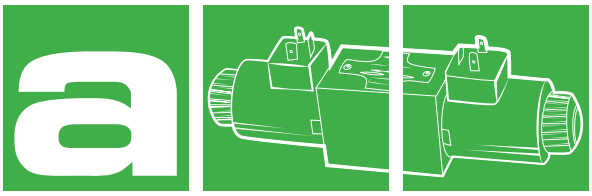


SANDWICH PLATE CETOP 3

PM3-AB/10

60 l/min - 32 MPa (320 bar)

1 DESCRIPTION

Sandwich plate made of machined cast iron with phosphate coating with CETOP 3 standard mounting interface for vertical modular stacking. A and B lines are intercepted with G1/4" ports on the side of the module.
Fluid flows freely in P, A, B and T lines for PM3-AB/10 version; for PM3-AB-COT/10 version T line is provided with check valve. When force due to pressure in T overcomes the sum of force due to pressure in T1 and the force due to the pre-load of spring, the poppet shifts axially and fluid flows from T to T1.
Reverse flow is prevented by the poppet, which is kept against its seat by spring.

2 ORDERING CODE

(1)		(2)		(3)		(4)		(5)		(6)
PM3	-	AB	-		-		-		/	10

(1) PM3: stackable sandwich valve CETOP03

(2) AB: Manometer port on A and B

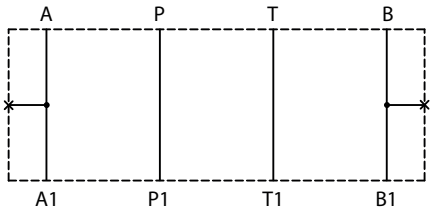
(3) Version:
CO: Check valve version

(4) Line where control operates:
T: T line

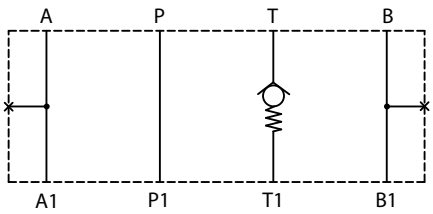
(5) Cracking pressure (Pm)
no designation: Pm approx 1 bar

(6) Design number (progressive) of the valve

PM3-AB

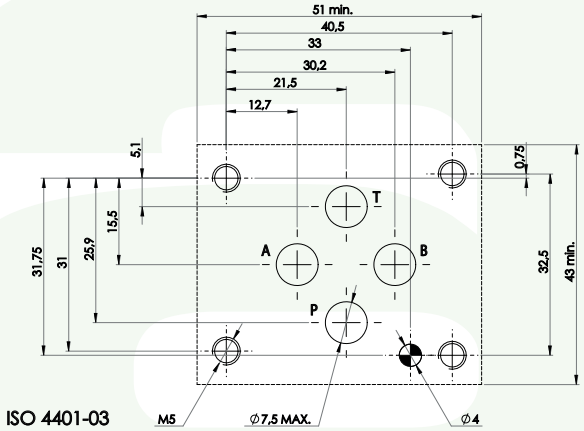


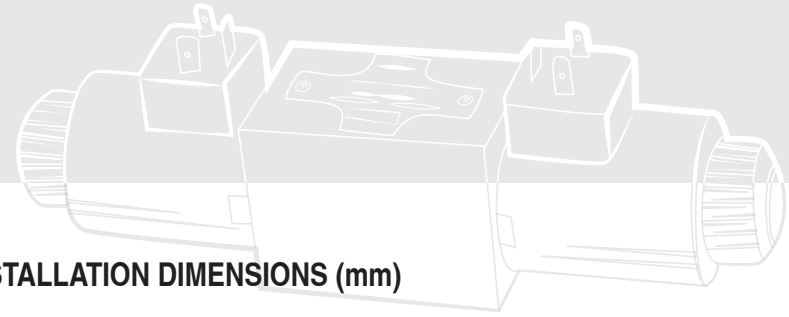
PM3-AB-COT



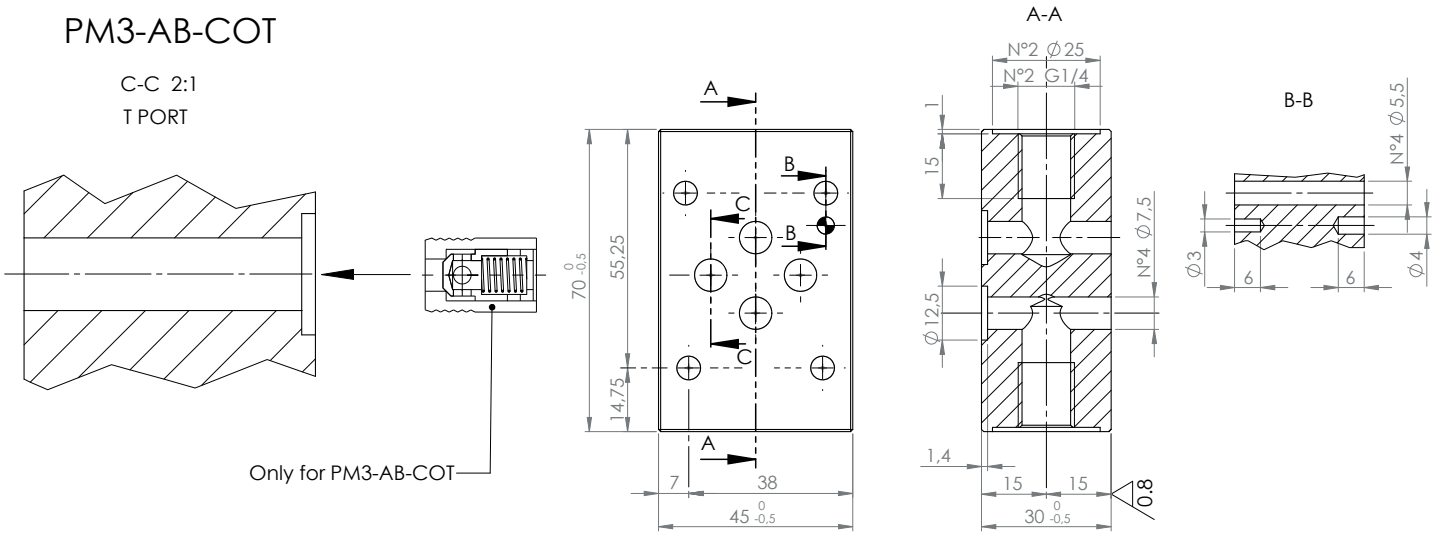
3 TECHNICAL DATA

Material:	Cast Iron GG 25
Coating:	Manganese phosphating
Max pressure on T port	320 bar
Max flow rate on T port	60 l/min (PM3-AB)
Max flow rate on T port	25 l/min (PM3-AB-COT)
Incoming flow, maximum recommended:	80l/min
Mass	1,1 kg
A and B ports:	Standard G1/4" with min surface rugosity of Ra 1.6





4 INSTALLATION DIMENSIONS (mm)



5 HYDRAULIC FLUID

Seals and materials used on standard valves PM3-AB-*are fully coMPatible with hydraulic fluids of mineral oil base, upgraded with antifoaming and antioxidizing agents. The hydraulic fluid must be kept clean and filtered to ISO 4406 class 19/17/14, or better, and used in a recommended viscosity range from 10 cSt to 60 cS

6 MOUNTING SURFACE OF THE VALVE:

Planarity of the surface: 0,01/100
Rugosity: Ra 0,8
Every section has a mounting surface according to ISO 4401-03.