



**DIPLOMATIC**  
HYDRAULICS

61 240/103 ED

# PBM3

## BACKPRESSURE VALVE SERIES 10



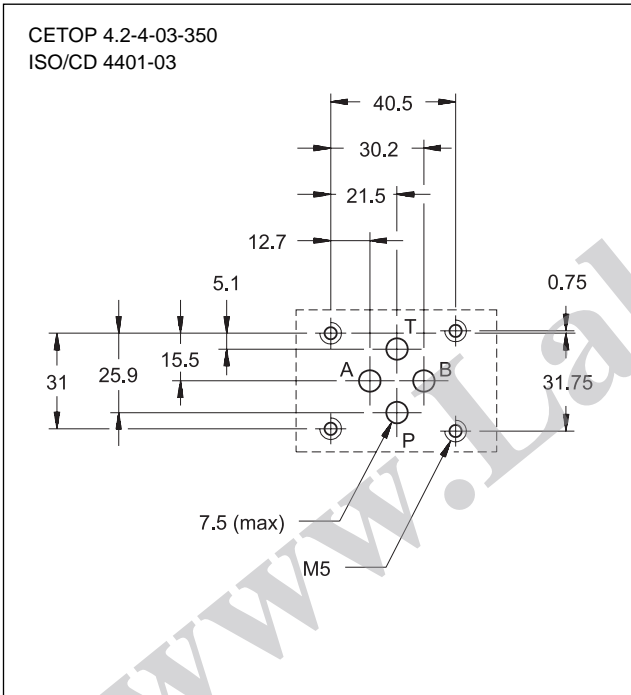
### MODULAR VERSION

### CETOP 03

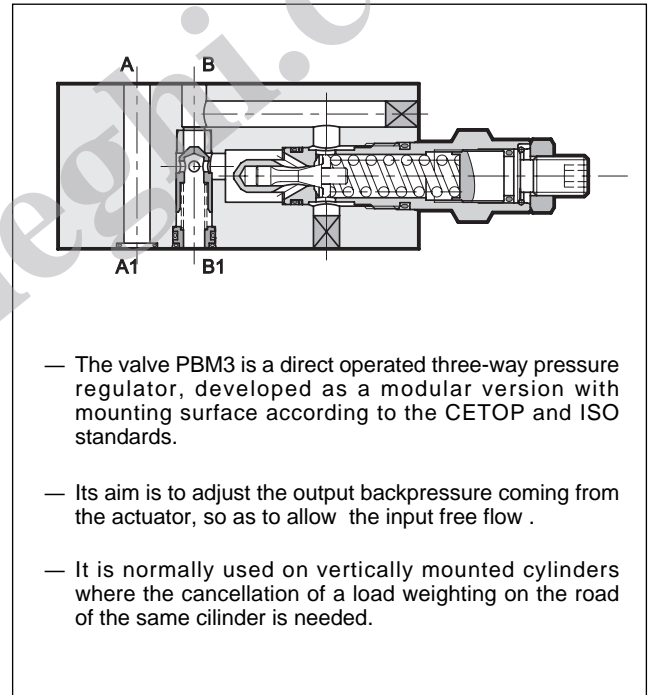
p max **350** bar

Q max (see performance ratings table)

### MOUNTING INTERFACE



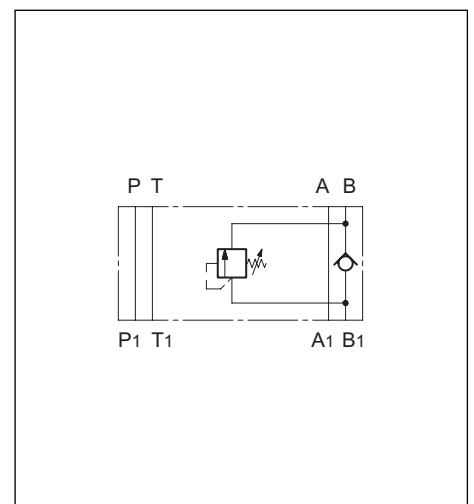
### OPERATING PRINCIPLE



### PERFORMANCE RATINGS (working with mineral oil of viscosity of 36 cSt at 50°C)

Max. operating pressure	bar	350
Check valve cracking pressure	bar	3,5
Max. flow on check valve B→B1 ( $\Delta p$ 8bar)	l/min	50
Max. flow rate in the controlled line B1→B	l/min	40
Max. flow rate in the free lines P, A, T	l/min	75
Ambient temperature range	°C	-20 ÷ +50
Fluid temperature range	°C	-20 ÷ +80
Fluid viscosity range	cSt	10 ÷ 400
Recommended viscosity	cSt	25
Degree of fluid contamination	according to NAS 1638 class 10	
Mass	kg	1,6

### HYDRAULIC SYMBOL

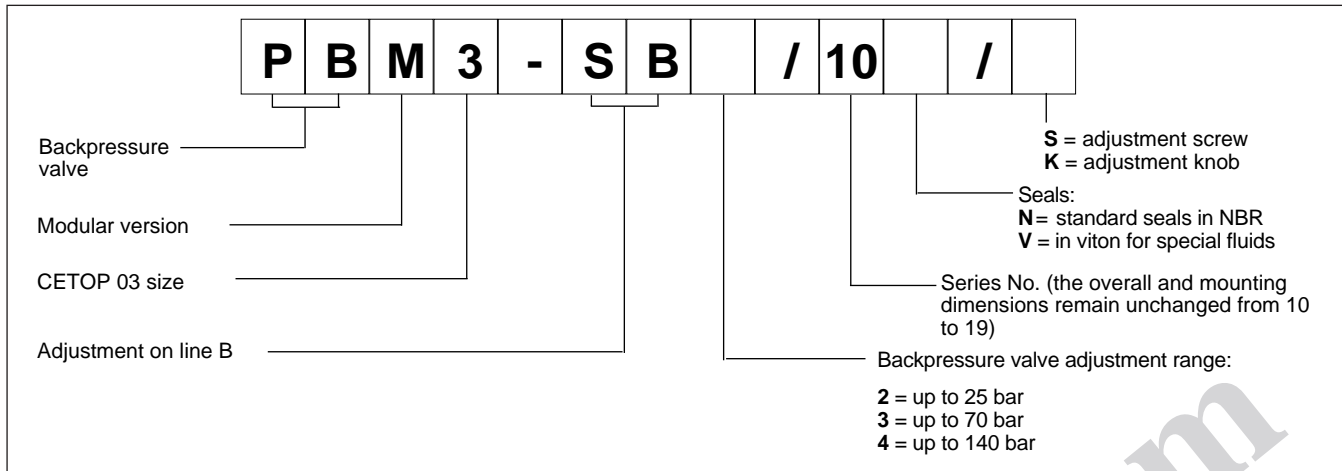




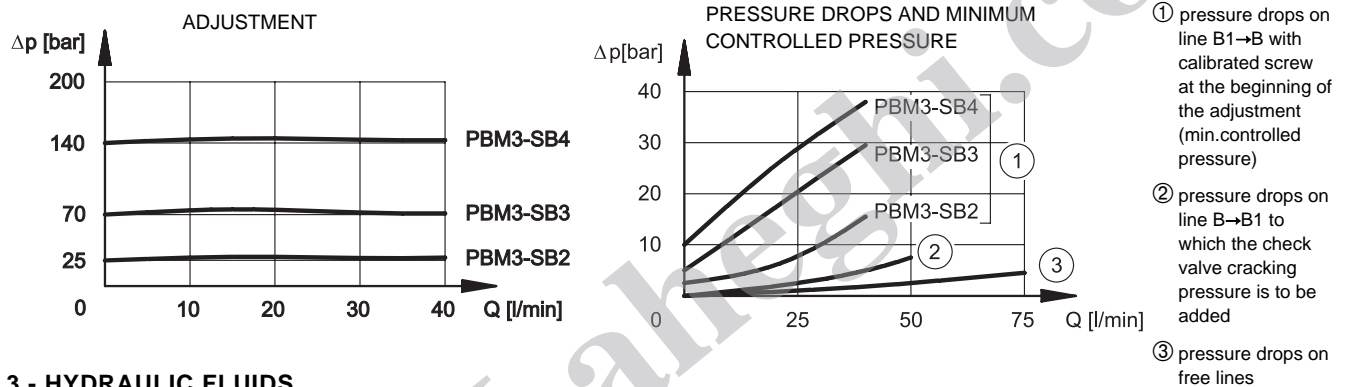
# PBM3

## SERIES 10

### 1 - IDENTIFICATION CODE



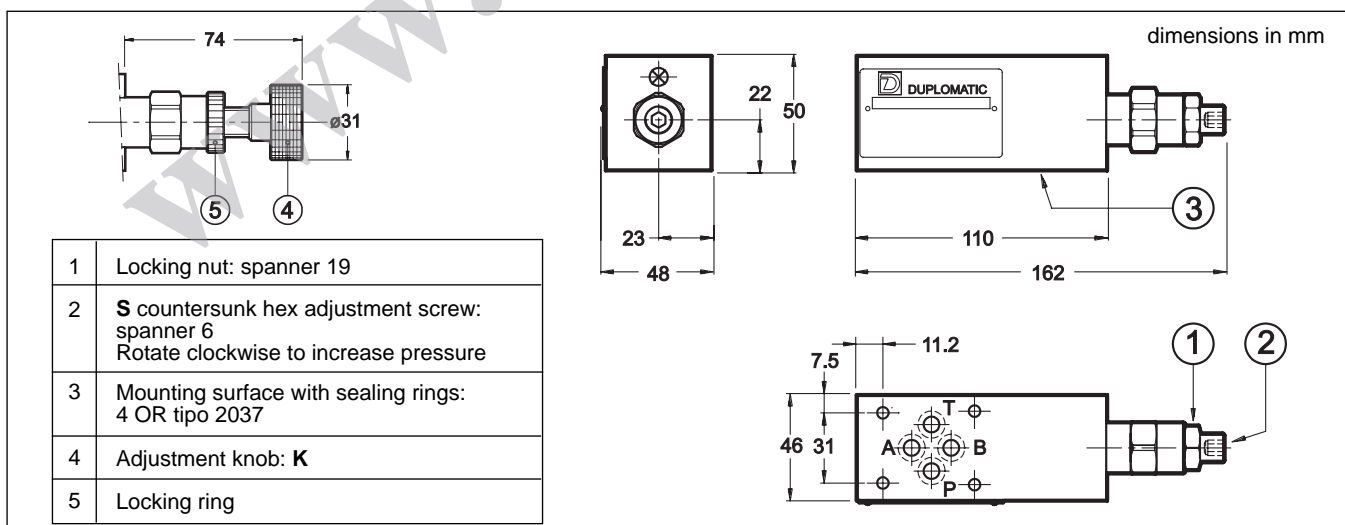
### 2 - CHARACTERISTIC CURVES (values obtained with viscosity of 36 cSt at 50°C)



### 3 - HYDRAULIC FLUIDS

Use mineral oil-based hydraulic fluids, with the addition of suitable anti-frothing and anti-oxidizing agents. For the use of other types (water glycol, phosphate esters and others), please consult our technical department.

### 4 - OVERALL AND MOUNTING DIMENSIONS



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