

Mechanical Pressure Gauge

Bourdon tube pressure gauge
Barbed fitting & Dry type
St. steel case & wetted parts brass
series MBP

DAHO datasheet series MBP

General features

- Pressure ranges from -30 Hg to 6000 psi
- Accuracy class 2.5
- Plastic case
- Sensing element & connection - brass

Application area

- MBP is suitable for fluid medium or gaseous which does not clog connection port or corrode copper alloys.
- For gaseous and liquid media which are not highly viscous, do not crystallize and do not attack copper alloys.
- Used In hydraulic pneumatic systems , compressors , regulator and a variety of other application.

General specification

Size

40mm (1.5")

Pressure range

-30"Hg-0 (vacuum)
-30"Hg-0-6000psi (Compound)
0- 15psi ~ 6000psi (pressure)

Accuracy class

±2.5% of full scales

Temperature

Ambient
-20...+60°C
Media temperature
Max. 60°C

Type of mounting

Bottom connection
Back connection

Bourdon Tube

Copper- alloy
30"Hg-800psi C-Type
800 psi to 6000 psi Coil –Type

Connection

Material: Brass
1/8" others on request

Thread

BSP , BSPT, NPT ,or metric thread.



Bourdon tube pressure gauge(Barbed fitting type), series MBP

Case and bezel ring

Plastic case

Movement

Semi-copper alloy

Dial

Aluminum

Pointer

Plastic

Window

Snap-in Acrylic

Scale Unit

Bar or Bar+Psi

Optional extras

Movement can be changed to be full brass
Connection also can be Chrome or Nickel plated.
Scale unit can use KPa , MPa,Kgf/cm², kg/cm², torr, atm

DAHO datasheet series MBP

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Order Details

MBP - Pressure Gauge			
Dial size	40 mm	MBP1	
Type of mounting	Bottom connection	A	
	Back connection	D	
Pressure connection	G1/4	G4	
	G3/8	G38	
	G1/2	G2	
	PT 1/4	R4	
	PT 3/8	R38	
	PT 1/2	R2	
	UNF 7/16"	U7	
	Others	XX	
Liquid filling	Dry	0	
	Glycerin	1	
Unit of measurement	bar	B	
	kPa	K	
	psi	P	
	Others	X	
Pressure range	-1...0 bar		01
	-1...0.6 bar		02
	-1...1.5 bar		03
	-1...3 bar		04
	-1...5 bar		05
	-1...9 bar		06
	-1...15 bar		07
	-1...24 bar		08
	0...0.4 bar		09
	0...0.6 bar		10
	0...1 bar		11
	0...1.6 bar		12
	0...2.5 bar		13
	0...4 bar		14
	0...6 bar		15
	0...10 bar		16
	0...16 bar		17
	0...25 bar		18
	0...40 bar		19
	0...60 bar		20
	0...100 bar		21
	0...160 bar		22
	0...250 bar		23
	0...400 bar		24
	0...600 bar		25
	0...1000 bar		26
Others		YY	

** please give additional specification for models not listed

