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MTCV Series Modular Check Relief Valve



ORDERING DETAILS

MTCV 02 W K _ 20

Series code
MTCV = Modular hydraulic operated check valves

Size
02 = NG6
03 = NG10

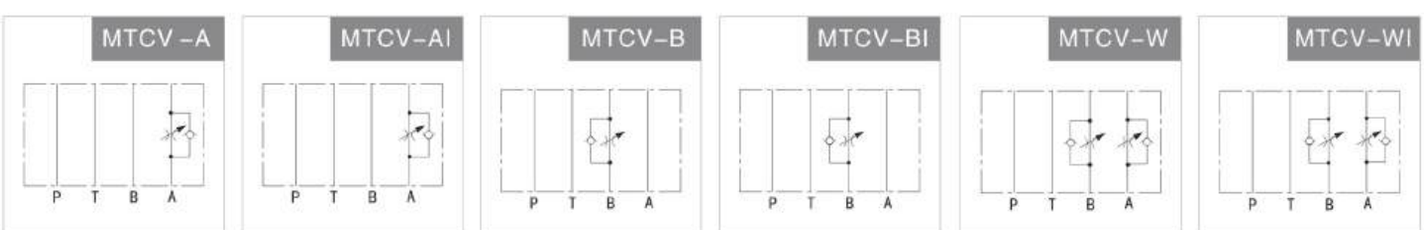
Connection
A = Bore A
B = Bore A
W = Bore A & Bore A

Design code

Control type
Blank = Output throttle
1 = Input throttle

Adjustment rod type
Blank = No knob (customized)
K = With plastic knob standard

SYMBOLE



TECHNICAL DATA

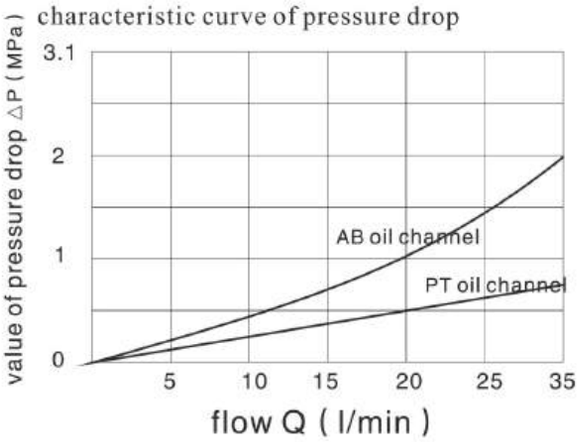
Hydraulic Data

Model	Maximum pressure bar	Maximum flow L/min	Weight kg
MTCV-02	210	35	1.3
MTCV-03		70	2.8

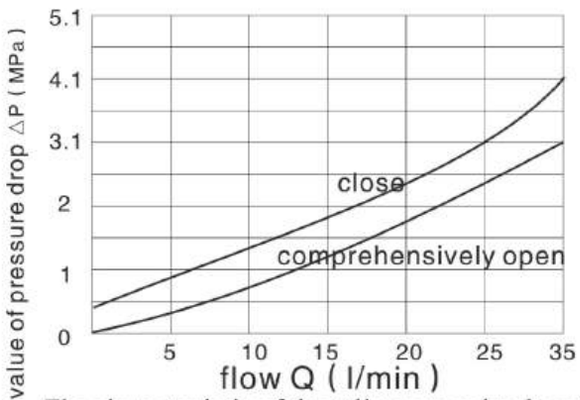
CHARACTERISTIC CURVE

MTCV-02

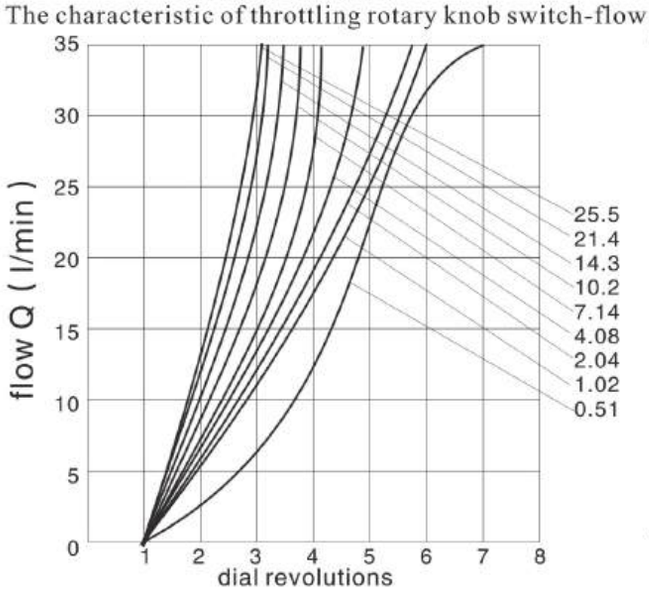
characteristic curve of pressure drop



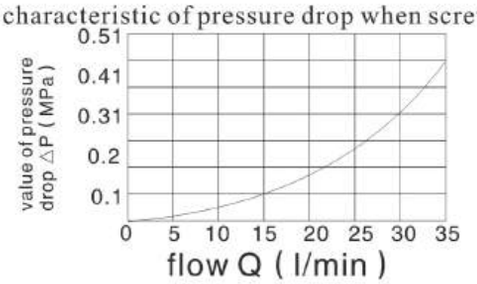
The characteristic of pressure drop when flow freely.



The characteristic of throttling rotary knob switch-flow

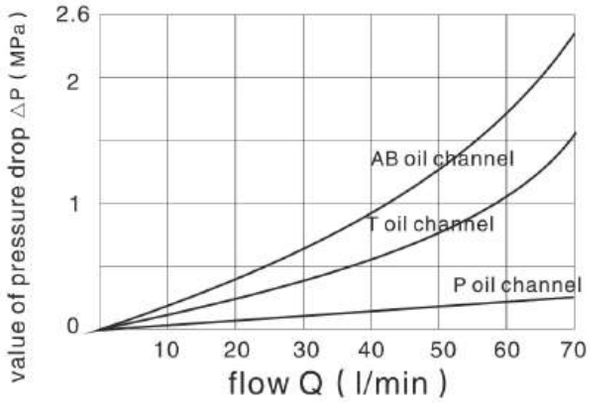


The characteristic of pressure drop when screw fully open

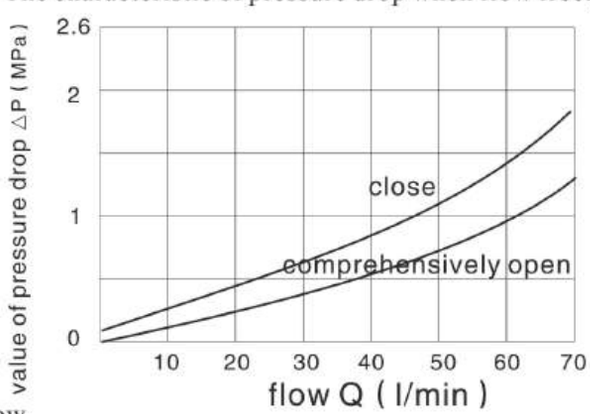


MTCV-03

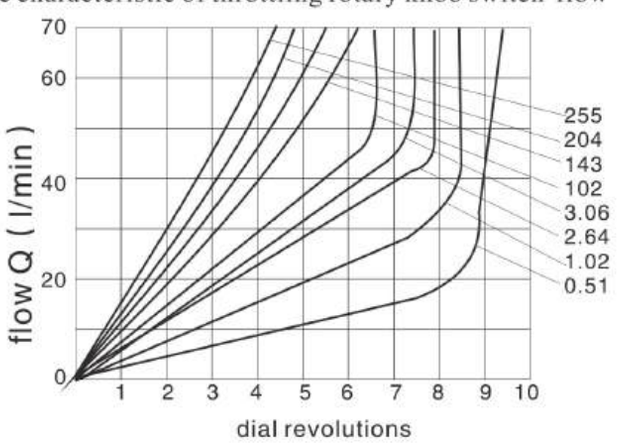
characteristic curve of pressure drop



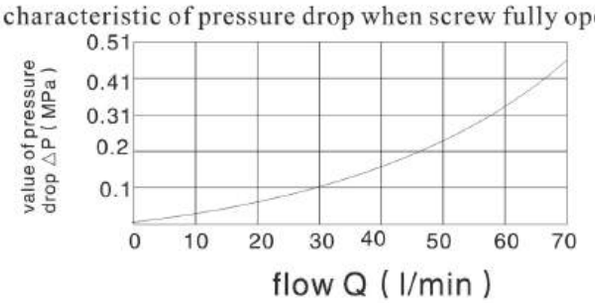
The characteristic of pressure drop when flow freely.



The characteristic of throttling rotary knob switch-flow



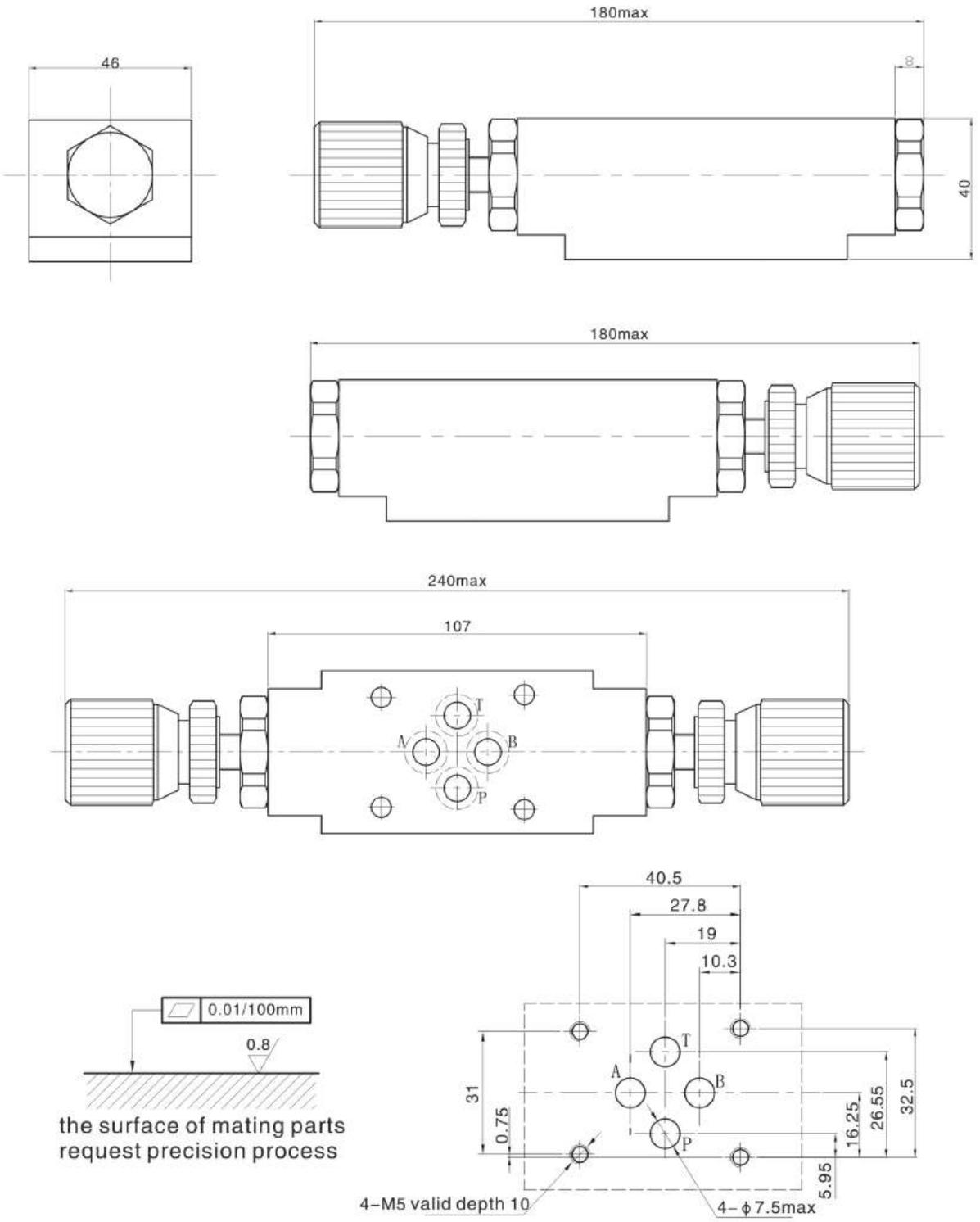
The characteristic of pressure drop when screw fully open



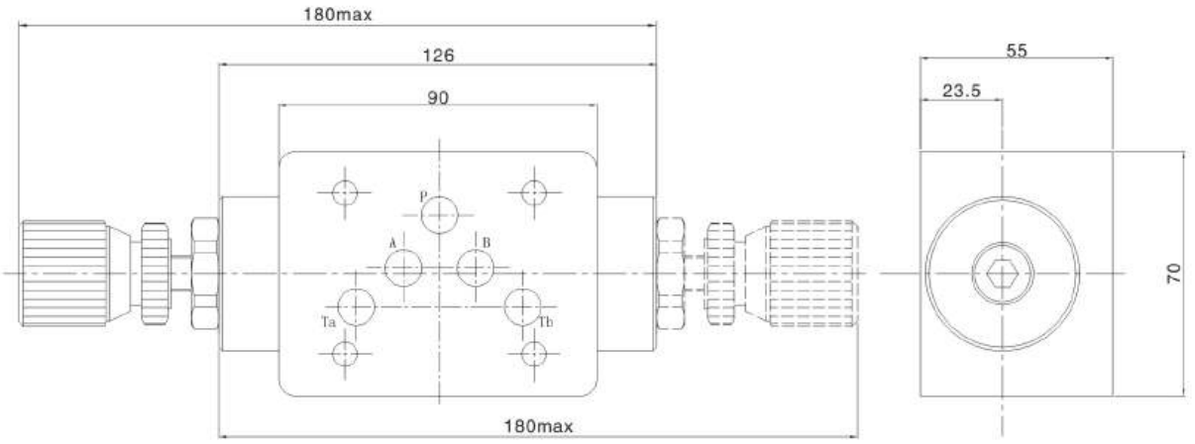
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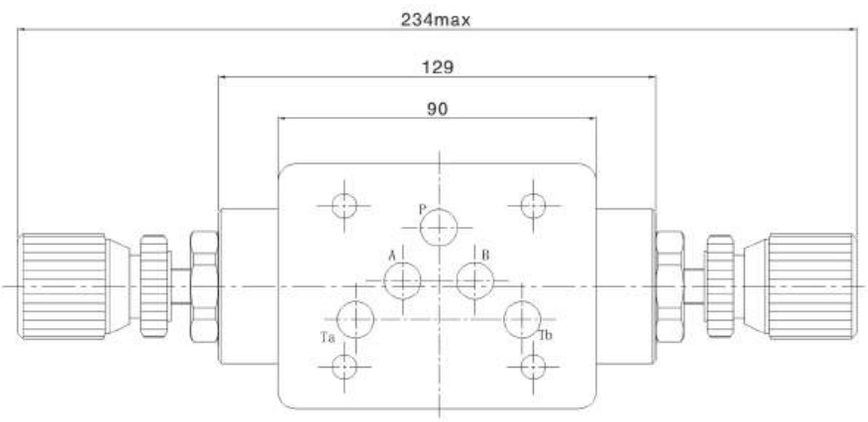
UNIT DIMENSIONS

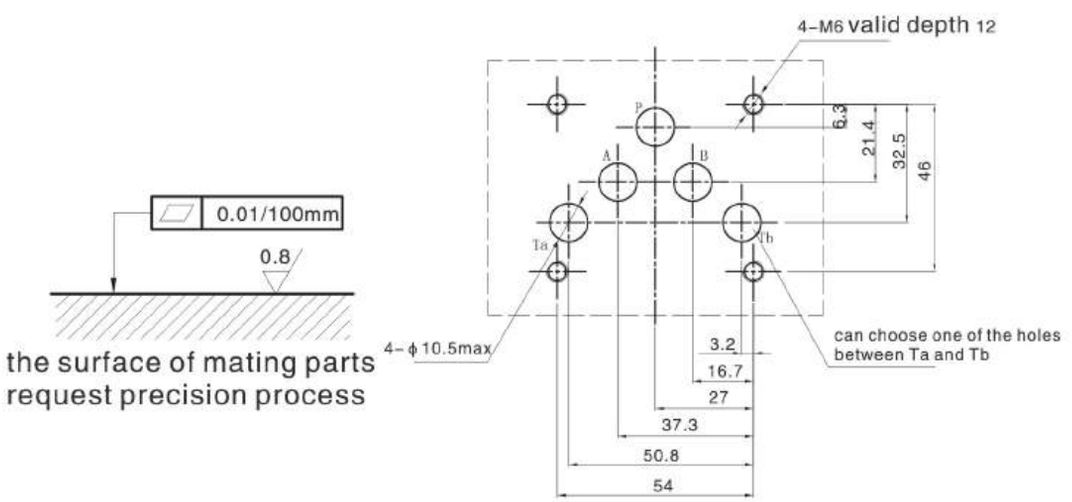
MTCV-02



MTCV-03


180max
126
90
55
23.5
70
P
A
B
Ta
Tb
180max


234max
129
90
P
A
B
Ta
Tb


4-M6 valid depth 12
6.3
21.4
32.5
46
P
A
B
Ta
Tb
0.01/100mm
0.8
the surface of mating parts
request precision process
4-φ10.5max
3.2
16.7
27
37.3
50.8
54
can choose one of the holes
between Ta and Tb