All original manufacturers'names,part numbers and description are for reference purposes only and it doesn't imply that any Part listed is the product of these manufacturers.

EBG series proportional relief valves



CONTENT

1. It is open loop single-stage valve and could control pressure of small flow system or used as larger pressure control valve's pilot control.
2. The valve has small hysteresis and high repeat precision.
3. The valve and electric controller assorts, and can be used with AC-YO--1 proportional amplifier produced by our company.
4. It has two pressure ranges and can choose either of them.

ORDERING DETAILS

EB **G** **03** **C** **T** **D24** **10** _

Series code
EB = Electroohydraulic proportional relief valves

Mounting method
G = Sub-plate mounting

Size
03, 06, 10

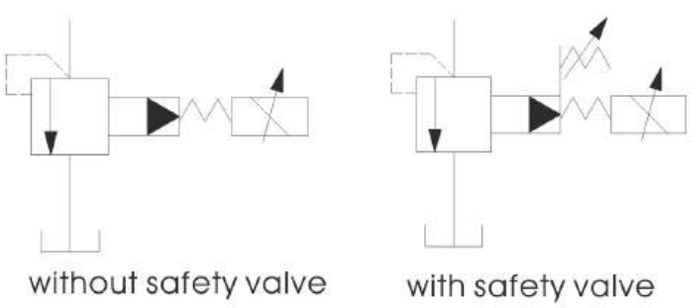
Serial number

Rated voltage
D24 = 24V
D12 = 12V

Security measures
No marks = With safety valve
T = Safety valve

Pressure adjusting range (bar)
C = 16
H = 25

SYMBOLE



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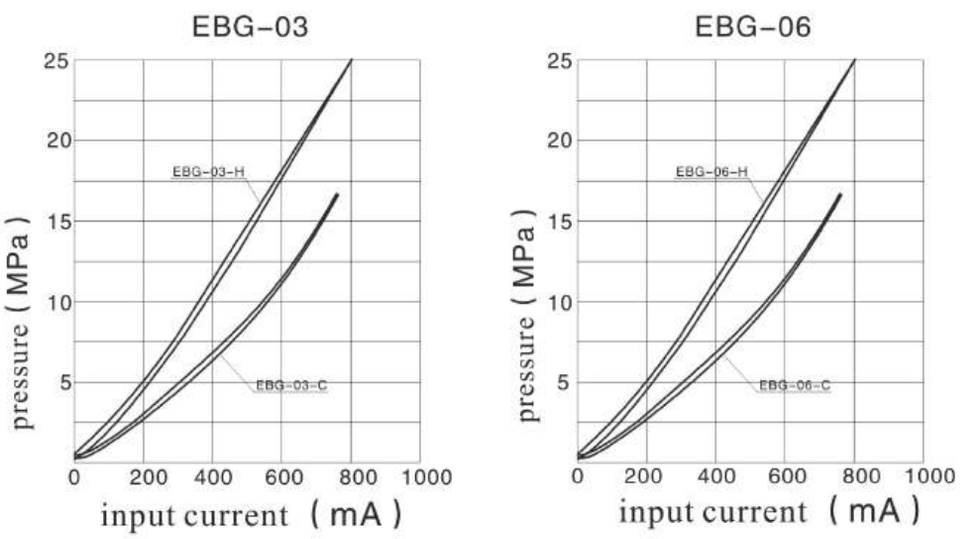
TECHNICAL DATA

Technical Data

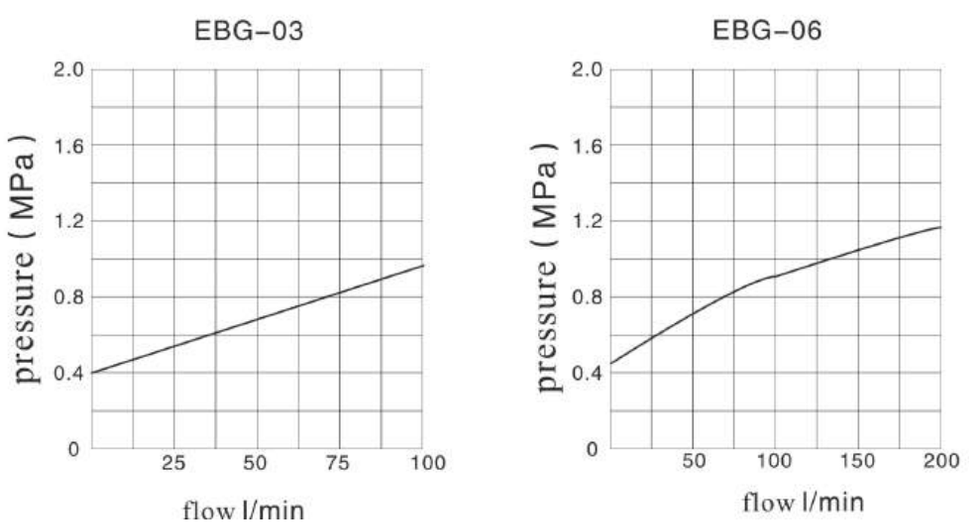
Model		EBG-03	EBG-06
Maximum operating pressure	bar	250	250
The maximum flow	L/min	100	200
The minimum flow	L/min	3	3
Pressure adjusting range	bar	C:160	H:250
Rated flow	mA	C:770; H:820	C:750; H:800
Coil resistance	ohm(+20°C)	10	10
Magnetic Hui	%	≤2	≤2
Repeated accuracy	%	≤1	≤1
Weight	kg	5.6	6.3

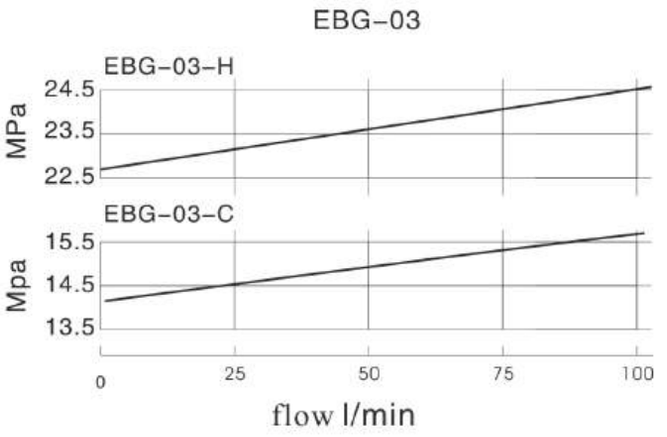
CHARACTERISTIC CURVE

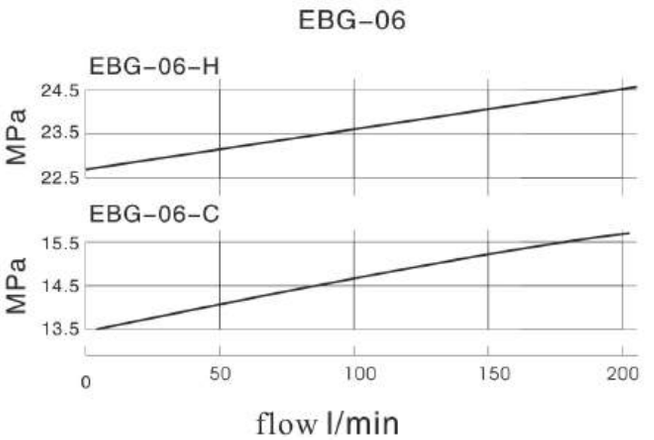
[the characteristic of input current-pressure]



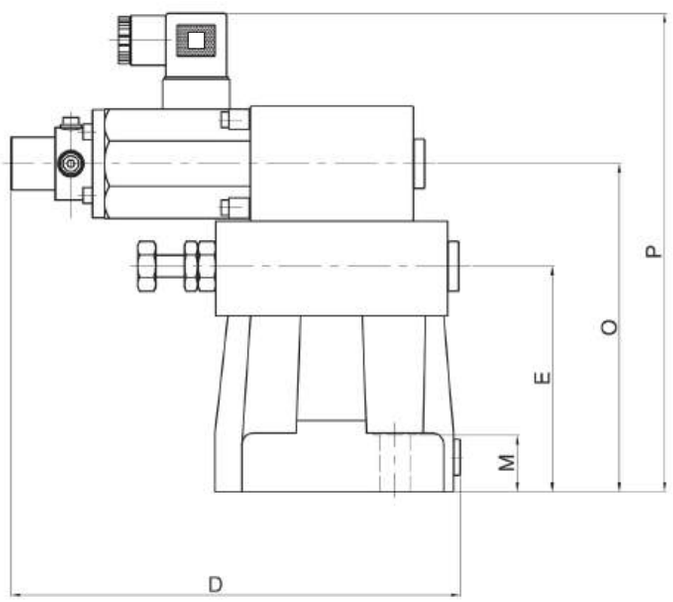
[the characteristic of minimum adjusting pressure]

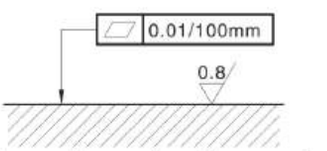


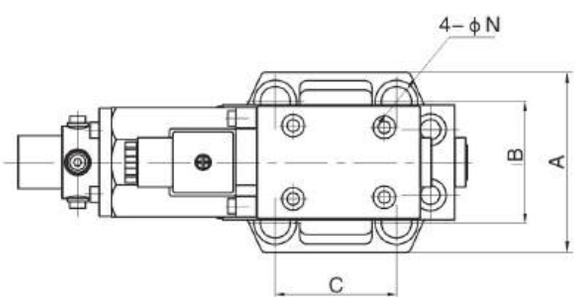


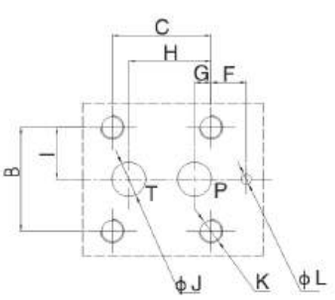


UNIT DIMENSIONS









type	A	B	C	D	E	F	G	H
EBG–03	78	53.8	53.8	200	102	0	22.1	47.5
EBG–06	98	70	66.7	206	105	23.8	11.1	55.6

type	I	J	K	L	M	N	O	P
EBG–03	26.9	14.5	M12	6.2	25	13.5	147.5	214.2
EBG–06	35	23	M16	6.2	29	17.5	150.5	217.2