Symbol

No Reverse Flow valve is attached

Reverse Flow valve is attached

Product feature

1. Embedded square pressure gauge is used to save installation space. (External circular pressure gauge is also optional).
2. The pressed-in self-locking mechanism can prevent the abnormal movement of the set pressure caused by external interfere.
3. Balanced design is adopted for the pressure adjustment mechanism.
4. In addition to panel installation, the bracket is optional for installation.
5. In addition to standard type, lower pressure type is optional (the highest dajustable pressure is 0.4MPa).

Ordering code

GR200 | 08 | L | □ | □ | F | 1 | G | K

Model

GR200	G200 Series Regulator
GR300	G300 Series Regulator
GR400	G400 Series Regulator
GR600	G600 Series Regulator

Port size

GR200	06: 1/8"
	08: 1/4"
GR300	08: 1/4"
	10: 3/8"
	15: 1/2"
GR400	10: 3/8"
	15: 1/2"
GR600	20: 3/4"
	25: 1"

Type code

Blank	Standard
L	Lower pressure ①

Accessories

Blank	Bracket
J	No bracket(standard configuration)

Pressure gauge

Blank	Pressure gauge
N	No Pressure gauge

Pressure gauge shape

F	Square
C	Circular

Scale

1	MPa
2	psi
3	bar

Thread type

Blank	PT
G	G
T	T: NPT

Code of reflux valve

Blank	No reverse flow valve is attached
K	Reverse flow valve is attached

① The maximum work pressure of lower pressure type is 0.4MPa(58Psi).

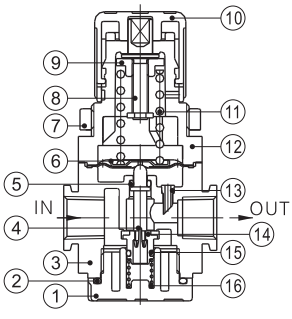
Specification

Model	GR200-06	GR200-08	GR300-08	GR300-10	GR300-15	GR400-10	GR400-15	GR600-20	GR600-25
Fluid	Air								
Port size	PT1/8	PT1/4	PT1/4	PT3/8	PT1/2	PT3/8	PT1/2	PT3/4	PT1
Pressure range	0.05~0.9MPa(7~130psi)								
Max. pressure	1.0MPa(145psi)								
Proof pressure	1.5MPa(215psi)								
Temperature range	−20~70℃								
Weight	160g		350g			720g		1700g	

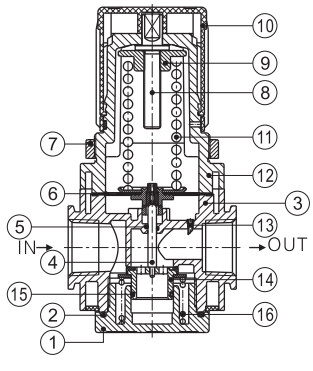
① PT thread, G thread and NPT thread are available.

Inner structure and material of major prats

GF200

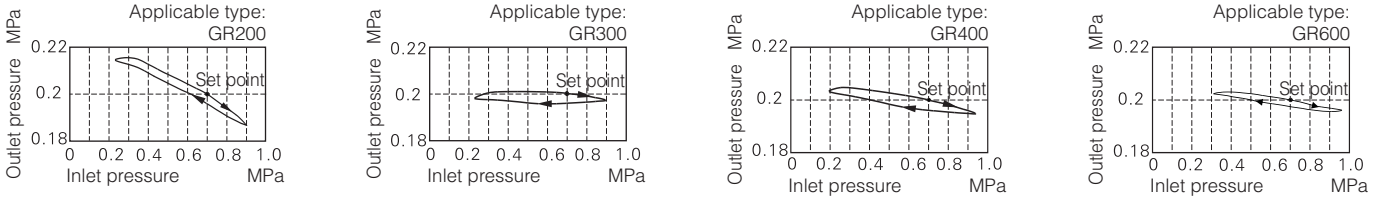


GF600

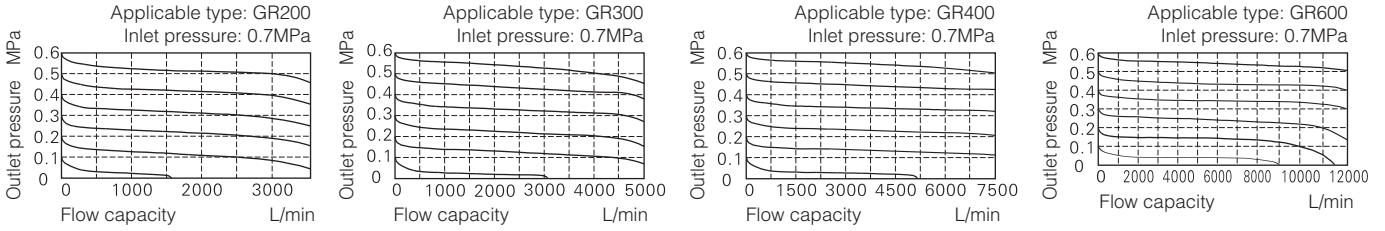


No.	Item	Material
1	Valve cap	Aluminum alloy
2	O-ring	NBR
3	Body	Aluminum alloy
4	Spool	Brass(GR600)\POM(others)
5	O-ring	NBR
6	Diaphragm	SUS304 & Rubber
7	Fixed ring	Aluminum alloy(GR600)\POM(Others)
8	Adjusting spindle	Steel
9	Regulator nut	Steel
10	Pressure knob	POM
11	Pressure spring	SWC
12	Adjusting seat	Aluminum alloy(GR600)\POM(Others)
13	Feed back tuble	POM
14	Pressure plug	Brass & steel
15	O-ring	NBR
16	Spring	Stainless steel

Pressure chart

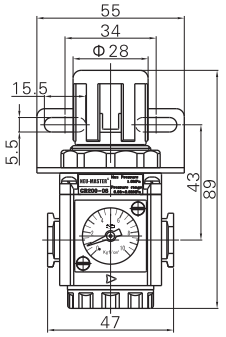


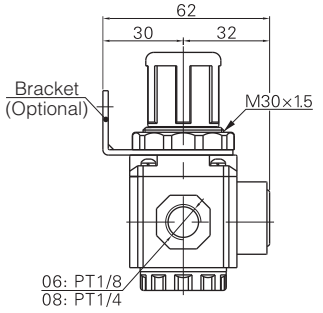
Flow chart



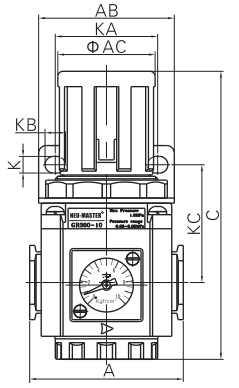
Dimensions

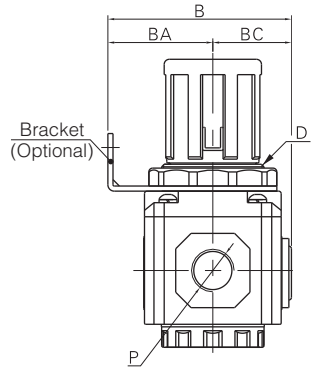
GR200



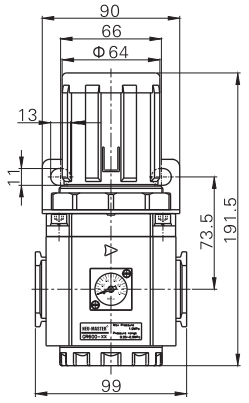


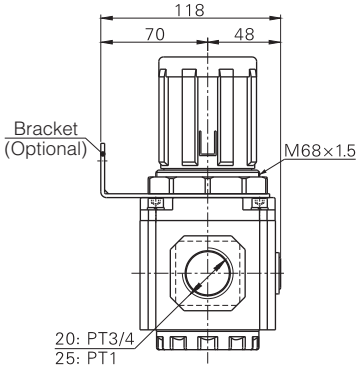
GR300\GR400





GR200





Model\Item	A	AB	AC	B	BA	BC	C	D	K	KA	KB	KC	P
GR300-08	60	53	38	72	41	31	112.5	M40×1.5	6.5	40	8	46	PT1/4
GR300-10	60	53	38	72	41	31	112.5	M40×1.5	6.5	40	8	46	PT3/8
GR300-15	60	53	38	72	41	31	112.5	M40×1.5	6.5	40	8	46	PT1/2
GR400-10	80	72	52	90	50	40	140.5	M55×2.0	8.5	52	11	53	PT3/8
GR300-15	80	72	52	90	50	40	140.5	M55×2.0	8.5	52	11	53	PT1/2

Regulating way

The use of GR series regulators is the same as the SDR series.