

Series PR2

Regulator 1/8" and 1/4"

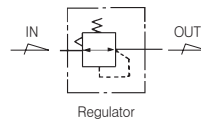


Standard Specifications

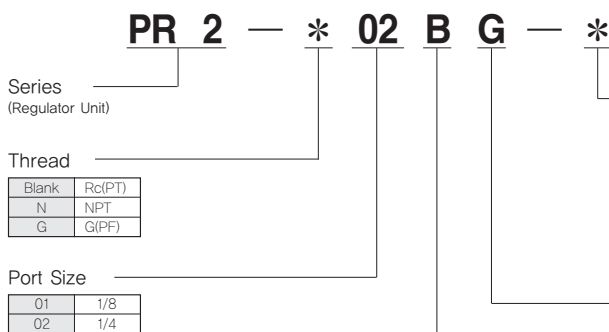
Fluid	Air	
Max. Operating Pressure (MPa)	1.0(140psi)	
Proof Pressure (MPa)	1.5(200psi)	
Set Pressure	Standard	0.05~1.0(7~140psi)
Range(MPa)	Madd to Order Specifications	0.05~0.2(7~30psi), 0.05~0.4(7~60psi)
Ambient and Fluid Temperature (°C)	-5~60(23~140° F)(Non-freezing)	
Flow Capacity ※	1/8"	1,300(46scfm)
(N ℓ /min)	1/4"	1,700(60scfm)
Construction	Relieving Style	
Port Size for Pressure Gauge (Rc (PT), NPT)	1/8"	
Weight (kg)	0.18(0.4lb)	

※ Test conditions : Supply pressure 0.7MPa(100psi), Set pressure 0.6MPa(90psi)

Symbol



How to Order



Other Option

Blank	Set at 0 to 1.0 MPa, Standard	K	Built-in Check Valve	Note1)
2	Set at 0 to 0.2 MPa	R	Flow Direction : Right → Left	
4	Set at 0 to 0.4 MPa	T	Tamper Resistant Kit	Note1,2)
E	Non-Relieving type	XC16	Copper-free	

Note1) Refer to page 935 for Built-in Check Valve, Tamper Resistant Kit.
 * If ordering more than one option, indicate symbols numerically then alphabetically Ex)2EK

* Over Max. pressure value can be set.

Pressure Gauge

Symbol	Description	Pressure Range
Blank	No-Gauge	
G	Integral Pressure Gauge	1.0MPa(140psi)
P	Pressure Gauge	1.0MPa(140psi)
P2	Pressure Gauge	0.2MPa(30psi)
P4	Pressure Gauge	0.4MPa(60psi)

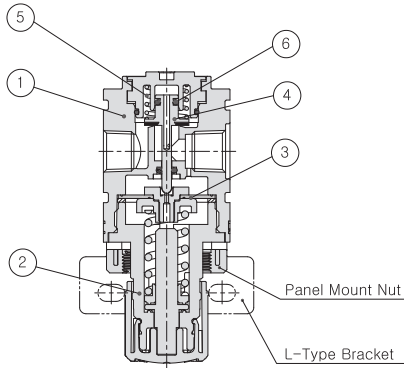
Bracket Option

Blank	None	
B	Bracket + Panel Nut	Note2)
B1	Panel Nut	

Note2) Separately packed, Not assembled

Series PR2

Construction



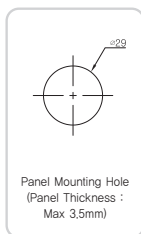
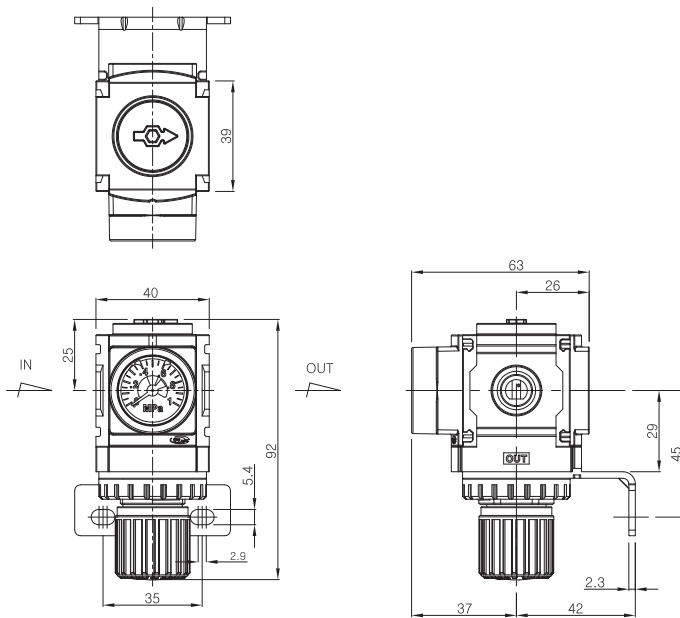
Main Parts/Parts List

No.	Description	Material	Remark
①	Body	Aluminum	
②	Bonnet	Nylon	

Replacement Parts/parts List

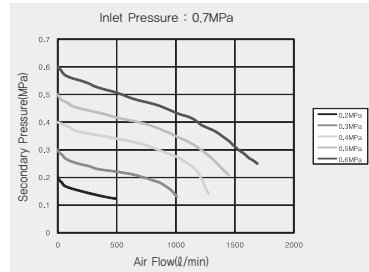
No.	Description	Material	Part No.
③	Diaphragm Ass'y	Nylon+NBR	PR2-11A001-01
④	Valve Ass'y	Brass+NBR	PR2-08-001-01
⑤	Valve Spring	Stainless Steel	PR2-14-001-01
⑥	Valve O-ring	NBR	P4-01

Dimensions

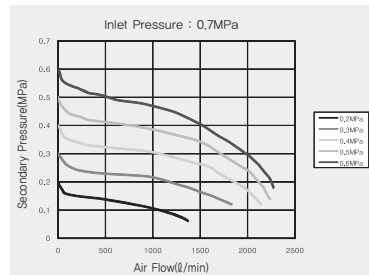


Flow Characteristics

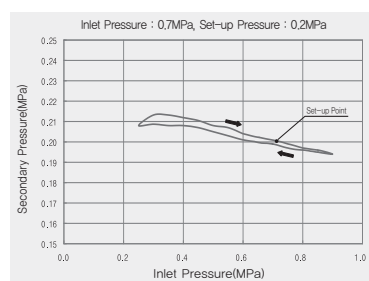
▶ 1/8" PR2



▶ 1/4" PR2



Pressure Characteristics



PC2

PF2

PR2

PL2

PP2

PC3

PF3

PR3

PL3

PP3

PC4

PF4

PR4

PL4

PP4

PC5

PF5

PR5

PL5

PP5

PFH(U)2~
PFH(U)5

PPH(U)3~
PPH(U)4

PLV

PSH

PCV

MB