

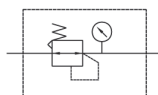
PER1 - 2 Series

Precision Regulator

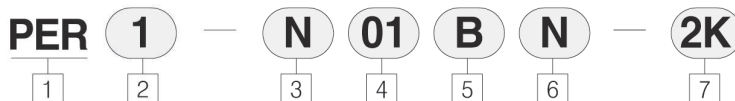


- Highly accurate pressure regulation
- Start-up stability
- Flow stability
- Automatic high downstream relief capacity
- Temperature stability

Symbol



How to order



1 Precision Pressure Regulator

2 Body Size
1 : PER 1 (1/8)
2 : PER 2 (1/4)

3 Thread
Blank : Rc(PT)
N : NPT
G : G(PF)

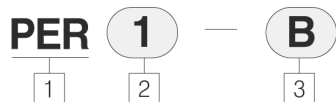
4 Port Size
01 : 1/8(PER1)
02 : 1/4(PER2)

5 Bracket
B : Bracket

6 Pressure gauge
Blank : No gauge
N : Pressure gauge

7 Set Pressure Range
2K : 0.005~0.2 Mpa
4K : 0.01~0.4 Mpa
8K : 0.01~0.8 Mpa

How to order bracket

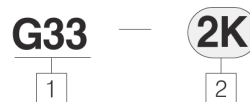


1 Precision Pressure Regulator

2 Body Size
1 : PER 1 (1/8)
2 : PER 2 (1/4)

3 Bracket

How to order pressure gauge



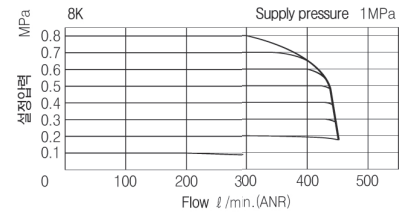
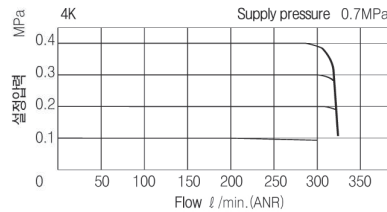
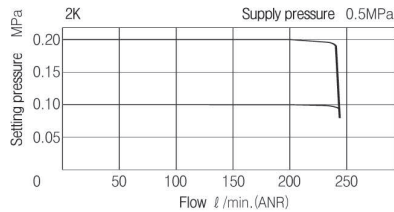
1 Diameter Size
G33 : Ø33
G42 : Ø42

2 Set Pressure Range
2K : 0.005~0.2MPa
4K : 0.01~0.4MPa
8K : 0.01~0.8MPa

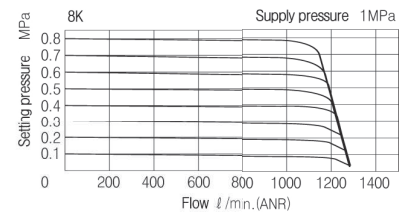
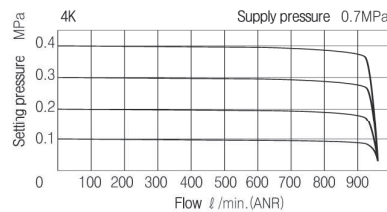
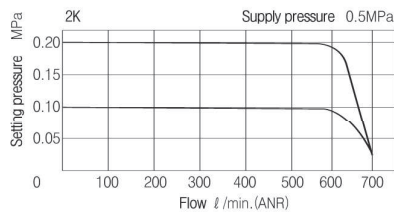
Standard specifications

Series	PER 1	PER 2
Port size	1/8	1/4
Fluid	Air	Air
Max. operating pressure	1 MPa	1 MPa
Proof pressure	1.5 MPa	1.5 MPa
Output pressure range	2K : 0.005~0.2 MPa	2K : 0.005~0.2 MPa
	4K : 0.01~0.4 MPa	4K : 0.01~0.4 MPa
	8K : 0.01~0.8 MPa	8K : 0.01~0.8 MPa
Sensitive	Within(E) 0.2% of full span	Within 0.2% of full span
Repeatability	Within(E) $\pm 0.5\%$ of full span	Within $\pm 0.5\%$ of full span
Ambient and fluid temperature	-5~+60°C (No freezing)	-5~+60°C (No freezing)
How to mount	Bracket	Bracket
Option	Bracket, Pressure gauge (G33)	Bracket, Pressure gauge (G42)
Weight	150g	300g

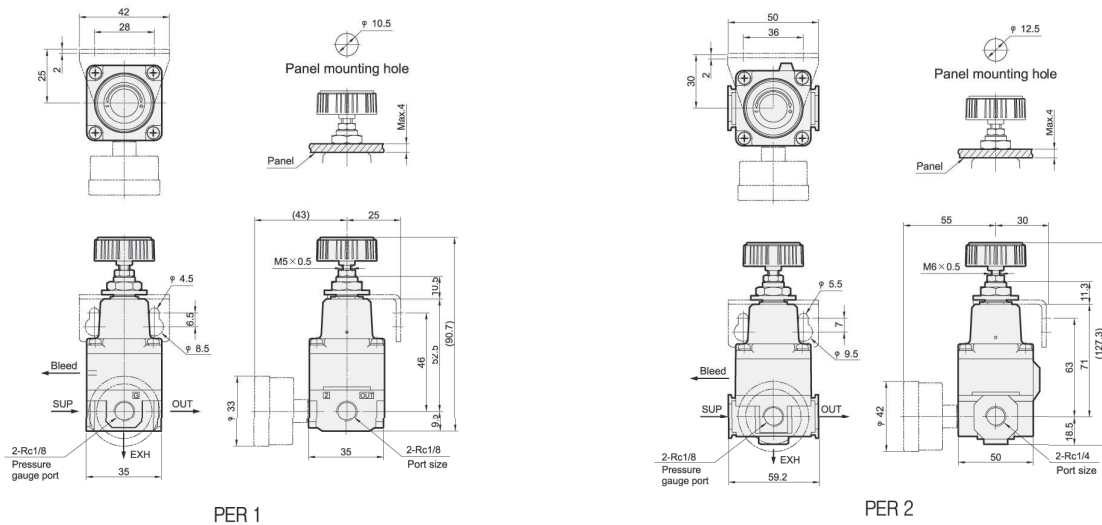
Flow characteristic PER1



Flow characteristic PER2



Dimension PER1 · 2



PER 1

PER 2

TAMG

TAFL

TAM

TAMD

TAMH

TAMU

PC 8
PC 9

PF 8
PF 9

PR 8
PR 9

PL 8
PL 9

PER1
PER2

TFVM

TRJ

NGQ

AQ2

AQ3

AMRBR

DV 4000

DR 100