



Symbol



Product feature

- 1. The structure is delicate and compact, which is convenient for installation and application.
- 2. The pressed-in self-locking mechanism can prevent the abnormal movement of the set pressure caused by external interfere.
- 3. In addition to standard type, lower pressure type is optional (The highest adjustable pressure is 0.4MPa).

Ordering code

AR		2000	L			1	
Model		Type code		Pressure gauge		Thread type	
AR	A Series regulator	Blank	Standard(0.9MPa)	Blank	Pressure gauge	Thread type	Scale
BR	B Series regulator	L	Lower pressure(0.4MPa)	N	No pressure gauge	Blank	PT
Port size		Accessories		Scale		G	G
Series	Port size	Blank	Bracket	1	MPa	T	NPT
AR	1500: 1/8"	J	No bracket	2	psi		
	2000: 1/4"			3	bar		
	2000: 1/4"			4	Double scale(psi, kgf/cm²)		
BR	3000: 3/8"						
	4000: 1/2"						

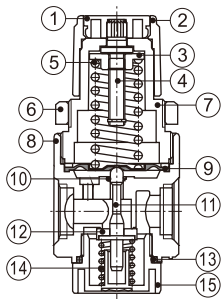
Specification

Model	AR1500	AR2000	BR2000	BR3000	BR4000
Fluid	Air				
Port size	1/8"	1/4"	1/4"	3/8"	1/2"
Pressure range	0.05~0.9MPa(7~130psi)				
Max. pressure	1.0MPa(145psi)				
Proof pressure	1.5MPa(215psi)				
Temperature range	-5~70℃				
Weight	200g		230g		

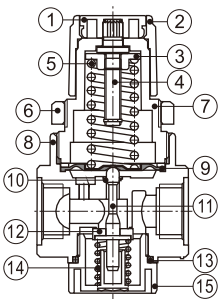
Note: PT thread, G thread and NPT thread are available.

Inner structure and material of major prats

AR



BR



No.	Item	Material
1	Push button	POM
2	Adjusting button	POM
3	Adjusting nut	Steel
4	Adjusting pillar	Steel
5	Adjusting spring	SWC
6	Fixed ring	POM
7	Adjusting seat	POM
8	Body	Aluminum alloy
9	Diaphragm	SUS304 & rubber
10	Needle O-ring	NBR
11	Balance needle	POM
12	Needle gasket	Aluminum alloy & rubber
13	Cap O-ring	NBR
14	Return spring	Stainless steel
15	Regulator cap	POM

FRL

AC/BC

AFC/BFC

AFR/BFR

AF/BF

AR/BR

AL/BL

SR

SDR

AC

AW

AF

AR

AL

F3

F2

F1

F

R

L

USFRL

USFR/L

USFR

USF

USR

USL

QSL

QTY

QIU

QTYH

QSLH

QFRH

AFF

AF(Big)

AL(Big)

AR(Big)

AD402

AH402

AD-5

IR

ITV

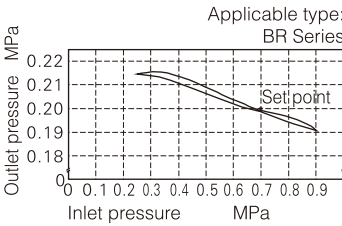
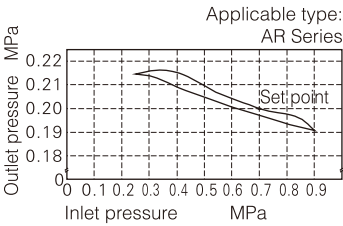
ACR

F804

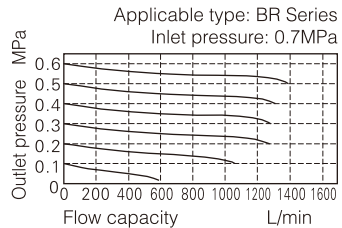
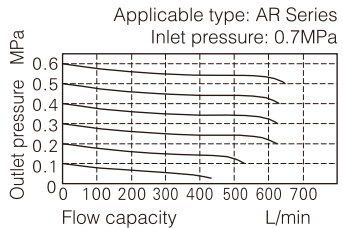
PG

FRL
AC/BC
AFC/BFC
AFR/BFR
AF/BF
AR/BR
AL/BL
SR
SDR
AC
AW
AF
AR
AL
F3
F2
F1
F
R
L
USFRL
USFR/L
USFR
USF
USR
USL
QSL
QTY
QIU
QTYH
QSLH
QFRH
AFF
AF(Big)
AL(Big)
AR(Big)
AD402
AH402
AD-5
IR
ITV
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F804
PG

Pressure chart

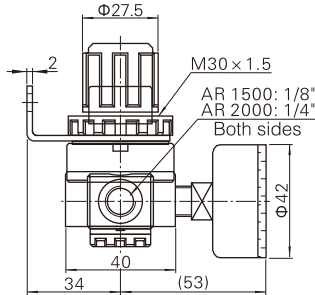
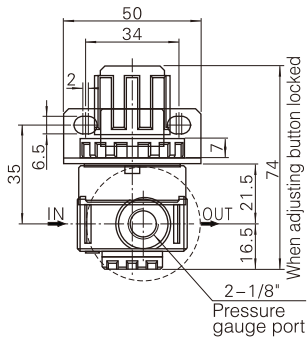


Flow chart



Dimensions

AR



BR

