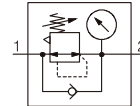
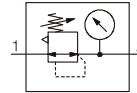


FRL
AC/BC
AFC/BFC
AFR/BFR
AF/BF
AR/BR
AL/BL
SR
SDR
AC
AW
AF
AR
AL
F3
F2
F1
F
R
L
USFRL
USFR/L
USFR
USF
USR
USL
QSL
QTY
QIU
QTYH
QSLH
QFRH
AFF
AF(Big)
AL(Big)
AR(Big)
AD402
AH402
AD-5
IR
ITV
ACR
F804
PG



Symbol

R-...-MICRO/MINI/MIDI With pressure gauge R-...-I-MINI/MIDI R-...-MAXL With pressure gauge



Installation and use

The R maintain inputting operating pressure constantly despite fluctuation in line pressure and the amount of air consumed.

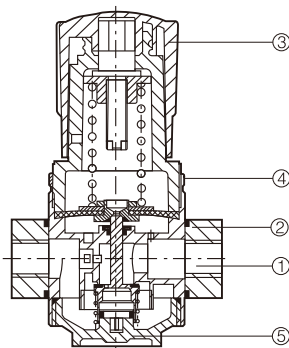
Ordering code

R		7	MINI	E
Series	Port size	Working pressure	Size	Shell material
F Regulator	1/8" 1/2"	Blank 12bar	MICRO	Blank Zinc
	1/4" 3/4"	7 7bar	MIDI	E Alu.
	3/8" 1"		MAXI	

Specification

Size	MICRO					MINI			MIDI				MAXI		
Pneumatic connection	M5	M7	1/8"	QS4	QS6	1/8"	1/4"	3/8"	1/4"	3/8"	1/2"	3/4"	1/2"	3/4"	1"
Operating medium	Compressed air					Filtered compressed air, lubricated or unlubricated, grade of filtration 40µm.									
Design	Directly actuated diaphragm regulator												Pilot actuated piston regulator		
	Directly actuated diaphragm regulator														
Type of mounting	Via accessories														
	In-line installation														
	Front panel mounting														
Assembly position	Any														
Regulator lock	Rotary knob with lock														
	-					Rotary knob with lock									
Input pressure (bar)	1...10					1...16									
Max. hysteresis (bar)	0.3					0.2								0.4	
Pressure regulation range (bar)	0.5...7					0.5...7									
						0.5...12									
Pressure indication	Via pressure gauge														
	M5 Prepared					1/8" Prepared			1/4" Prepared						

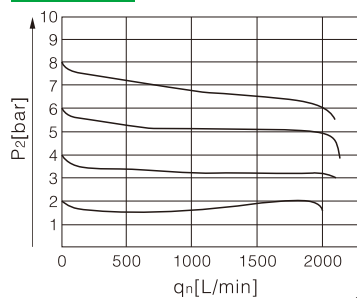
Inner structure



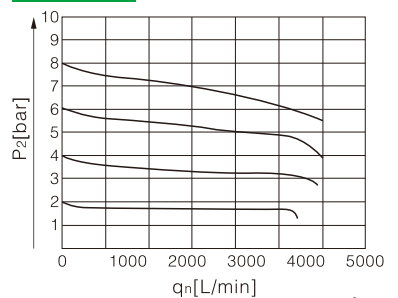
No.	Item	Material
1	Casting	Die-casting zinc
2	Connecting plate	Die-casting aluminum
3	Adjustable knob	POM
4	Knurled nut	Aluminum
5	Tight cover	Zinc alloy
6	Seal	NBR

Standard flow rate qn as function of the outpt pressure p2

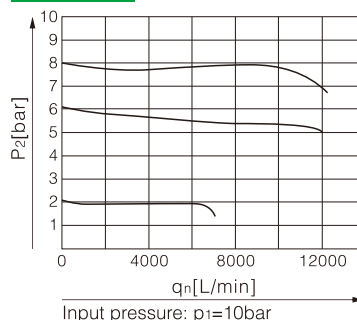
R-1/4-MINI



R-1/2-MIDI

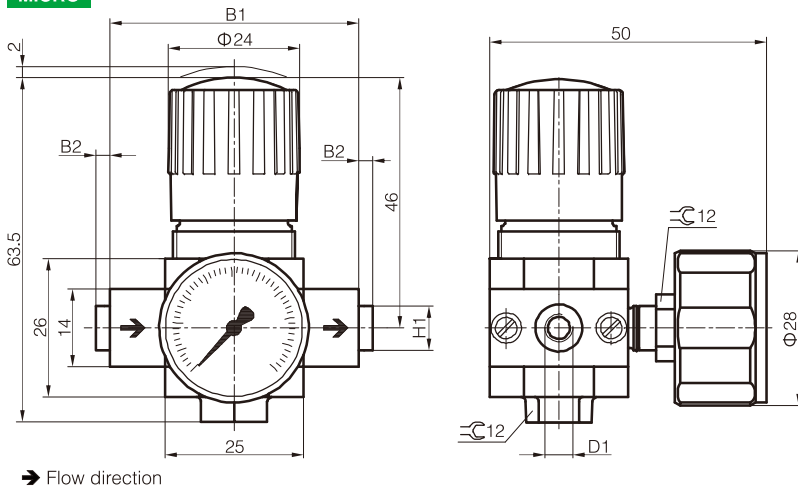


R-1-MAXI



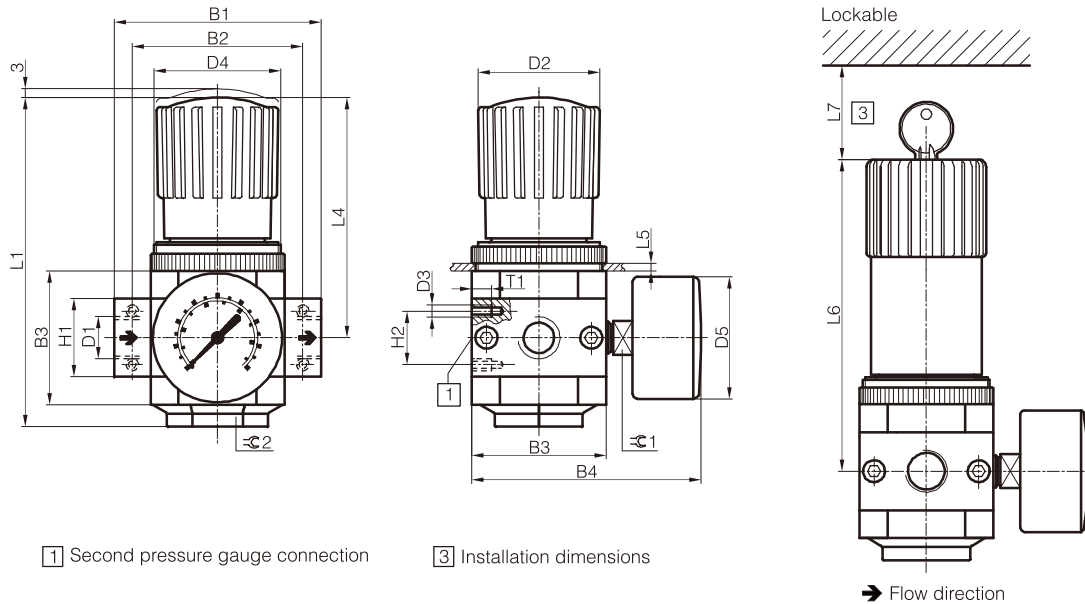
Dimensions

MICRO



Model	B1	B2	D1	H1
R-M5-D-7-MICRO	25	-	M5	-
R-M7-D-7-MICRO(B)			M7	
R-1/8-D-7-MICRO	45	~2.5	1/8"	~8
R-QS4-D-7-MICRO			QS4	
R-QS6-D-7-MICRO			QS6	

MINI/MIDI/MAXI



1 Second pressure gauge connection

3 Installation dimensions

Model	B1	B2	B3	B4	D1	D2Φ	D3	D4	D5Φ	H1	H2	L1	L4	L5 max.	L6	L7	T1	≈1	≈2
MINI																			
R-1/8-D(1)-MINI	64	52	40	76	1/8"	31	M4	M36×1.5	41	20	11	96	68	3	98	60	7	14	22
R-1/4-D(1)-MINI					1/4"														
R-3/8-D(1)-MINII	70				3/8"														
MIDI																			
R-1/4-D(1)-MIDI	85	70	55	95	1/4"	50	M5	M52×1.5	50	32	22	135	99	5	130	60	8	14	24
R-3/8-D(1)-MIDI					3/8"														
R-1/2-D(1)-MIDI					1/2"														
R-3/4-D(1)-MIDI					3/4"														
MAXI																			
R-1/2-D-MAXL	96	80	66	107	1/2"	31	M5	M36×1.5	50	32	22	125	82	4	111	60	8	14	24
R-1/2-D-DI-MAXL						49		M52×1.5				148	105		135				
R-3/4-D-MAXL						3/4"		31				M36×1.5	125		82				
R-3/4-D-DI-MAXL					49			M52×1.5				148	105		135				
R-1-D-MAXL	116	91			1"	31		M36×1.5		40		125	82		111				
R-1-D-DI-MAXL						49		M52×1.5				148	105		135				

Note: This product conforms with ISO 1179-1 standard and the ISO 228-1 standard.

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