

Precision Regulator for 0.1MPa

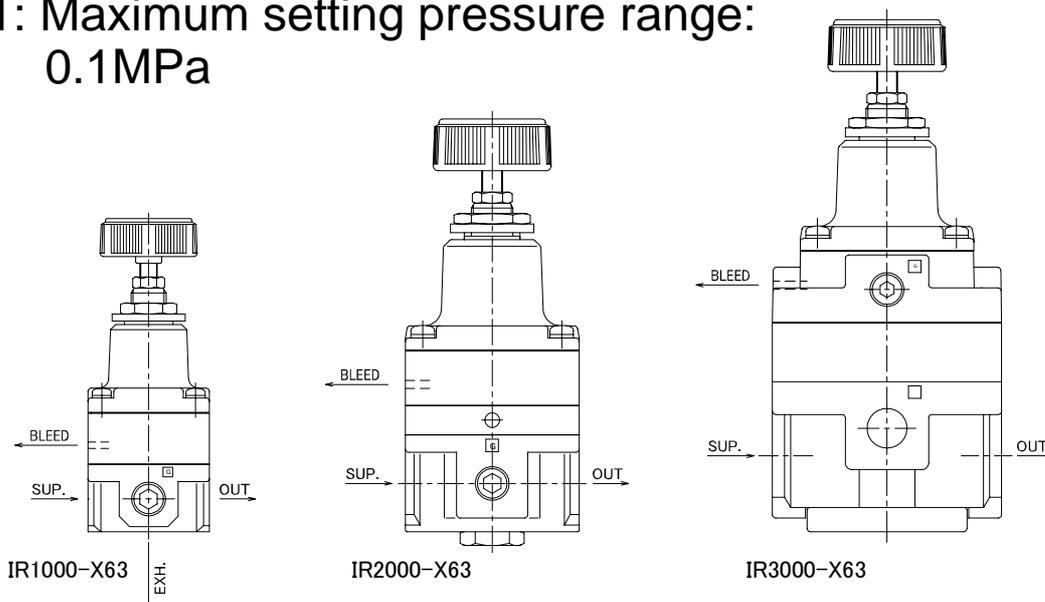
IR1000-01-X63

IR2000-02-X63

IR3000-**-X63

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URL: <http://www.smcworld.com>

Feature1: Maximum setting pressure range:
0.1MPa



Comparison with standard products:

- In comparison with standard Series IR (Max. set pressure range 0.2MPa), this product differs in the adjusting spring (reactive force).

Specifications

Model	IR1000-01-X63	IR2000-02-X63	IR3000-**-X63
Fluid	Air		
Maximum supply pressure	1.0MPa		
Minimum supply pressure	Set pressure +0.05MPa		Set pressure +0.1MPa
Setting pressure range	0.005 to 0.1MPa		0.01 to 0.1MPa
Proof pressure	1.5MPa		
Sensitivity	0.4%F.S. or less		
Repeatability	±1.0%F.S. or less		
Air consumption (*1)	5L/min(ANR) or less	4L/min(ANR) or less	11.5L/min(ANR) or less
(Details)	Bleed hole	3.5L/min(ANR) or less	9.5L/min(ANR) or less
	Exhaust port	1.5L/min(ANR) or less	2L/min(ANR) or less
Ambient and fluid temperature	-5 to 60°C (With no condensation)		
Port size	Rc1/8	Rc1/4	Rc1/4, 3/8, 1/2
Pressure gauge port size	Rc1/8 (2 positions)		
Weight (without accessory)	0.14kg	0.30kg	0.64kg

*1) At supply pressure 1.0MPa. (Air is releasing to atmosphere at all times)

How to Order

IR 1000 - 01 -X63

Body size

1000	IR1000
2000	IR2000
3000	IR3000

Accessories

Nil	None
B	With bracket (*2)
G	With pressure gauge (*3)

Port size

Symbol	Size	Application		
		IR1000	IR2000	IR3000
01	Rc1/8	●		
02	Rc1/4		●	●
03	Rc3/8			●
04	Rc1/2			●

Note: ● mark indicates available combinations.

*2) Applicable bracket part number

Body size	Part number
IR1000	P36201023
IR2000	P36202028
IR3000	P36203018

*3) Applicable pressure gauge part number

Body size	Part number
IR1000	G33-2-01
IR2000	G43-2-01
IR3000	G43-2-01

Dimensions: mm

Same as standard Series IR1000/2000/3000 except for the adjusting spring.
Please refer to our "Best Pneumatics" (general catalog) for details.



Caution To ensure the safest possible operation of this product, please be sure to read thoroughly the "Safety Instructions" in our "Best Pneumatics" (general catalog) before use.