

SDR Series



Symbol



Product feature

1. Back pressure structure, compact type, cost-effective, installation time saving.
2. Broad regulating range; low-pressure type is optional other than the standard type; stable output pressure; applicable to situation which has low expectation on output pressure but high expectation on performance and cost-effectiveness.
3. Single unit installation; easy to mount

Inner structure and material of major parts

SDR200

No.	Item	Material
1	Body	Aluminum alloy
2	Needle gasket	NBR
3	O-ring	NBR
4	O-ring	NBR
5	Fixed ring	POM
6	Identification ring	POM
7	Adjusting seat	POM
8	Adjusting pillar	Brass
9	Adjusting button	POM
10	Adjusting nut	Steel
11	Adjusting spring	SWC
12	Piston rode	POM
13	Adjusting seat	POM
14	Return spring	SUS304

Specification

Model	SDR100-M5	SDR100-06	SDR200-06	SDR200-08	SDR100L-M5	SDR100L-06	SDR200L-06	SDR200L-08
Fluid	Air							
Pressure range	0.05~0.9MPa(7~130psi)				0.03~0.4MPa(4~58psi)			
Max. pressure	1.0MPa(145psi)				0.4MPa(58psi)			
Proof pressure	1.5MPa(215psi)							
Temperature range	-20~70°C							
Port size ①	M5	1/8"	1/4"		M5	1/8"	1/4"	

① PT thread, NPT thread and G thread are available.

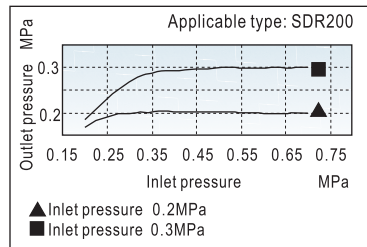
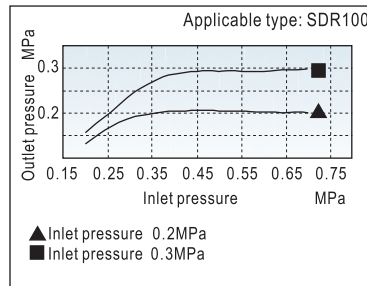
Ordering code

SDR 200 08 L □ □ 1 □

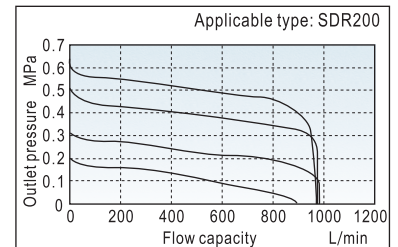
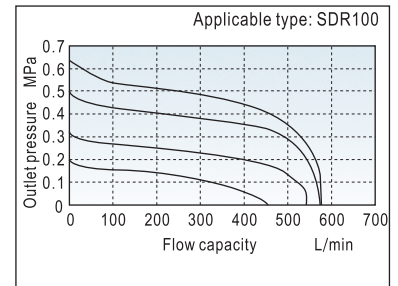
- Model**: SDR: SDR Series Regulator
- Series code**:
100: 100 Series
200: 200 Series
- Port size**:
Model | Port size
100 Series | M5: M5
 | 06: 1/8"
200 Series | 06: 1/8"
 | 08: 1/4"
- Thread type**:
Blank: PT
T: NPT
G: G
- Scale**:
1: MPa
2: psi
3: bar
4: Double scale(psi, kgf/cm²)
- Pressure gauge**:
Blank: Pressure gauge
N: No pressure gauge
- Type code**:
Blank: Standard
L: Lower pressure
- Accessories**:
Blank: Bracket
J: No bracket(standard configuration)

Pressure and feature of flow

Pressure chart

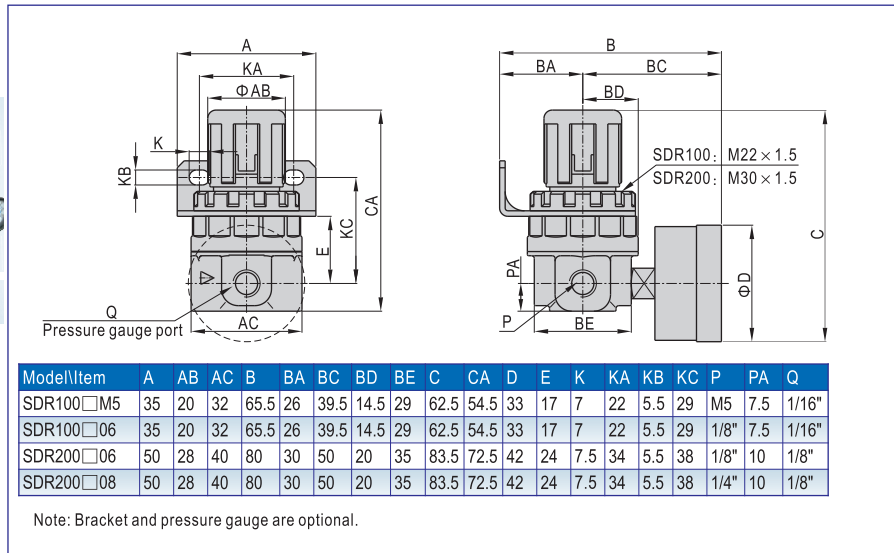


Flow chart



SDR Series

■ Dimensions



■ Attentions of application

Orange marking ring (saffron)

Unlock the regulating knob before pressure adjustment, then lock it after the adjustment. Otherwise, may cause the regulating knob damage or the outlet pressure change.

1. Pull the regulating knob to unlock, when the orange marking ring below the regulating knob appears, indicating that the regulating knob is unlocked.
2. Push the regulating knob to lock, when the orange marking ring below the regulating knob disappears completely, indicating that the regulating knob is locked.

