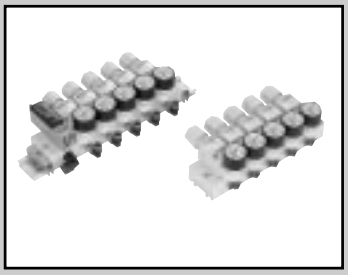


Block manifold compact direct operating precision regulator

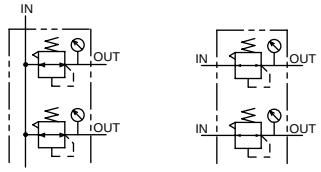
MNRJB500 Series

Mix manifold of RJB500/RB500 Series
Port size: push-in joint ϕ 4, ϕ 6, ϕ 8

RoHS CAD

JIS symbol

Common supply type Individual supply type



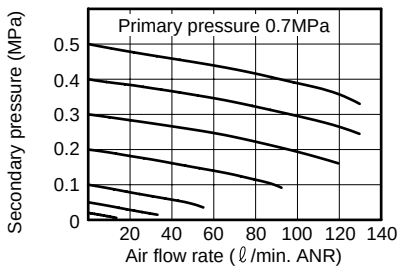
Specifications

Descriptions		MNRJB500A	MNRJB500B
Working fluid		Compressed air	
Max. working pressure Mpa		0.8	
Withstanding pressure Mpa		1.2	
Ambient temperature range ℃		5 to 60	
Set pressure range Mpa		0.02 to 0.5 (0.01 to 0.2) (Note 1)	
Sensitivity Mpa		0.001 (lock sensitivity 0.004) (Note 2)	
Air consumption ℓ /min		1.5 (Note 3)	
Port size	IN	Push-in joint ϕ 6, ϕ8	Push-in joint ϕ 4, ϕ6
	OUT	Push-in joint: ϕ 4, ϕ6	
	GAUGE	Rc1/8	

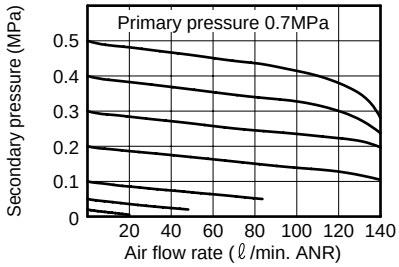
Note 1: Values in parentheses are for low pressure.
Note 2: Set pressure sensitivity for the pressure adjustment knob block's minimum spacing.
Note 3: Value for secondary side setting pressure 0.1 MPa.

Flow characteristic

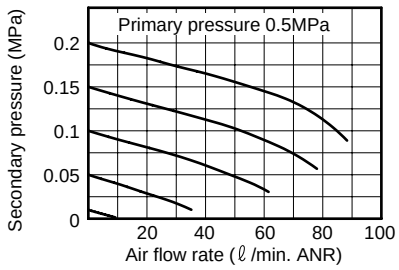
● MNRJB500A-**C64
● MNRJB500B-**C4



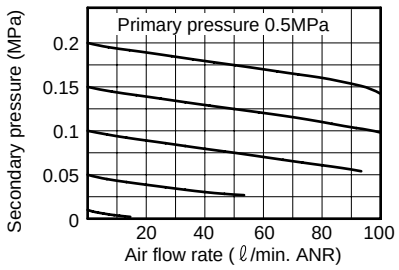
● MNRJB500A-**C86
● MNRJB500B-**C6



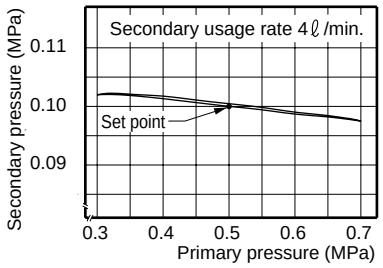
● MNRJB500A-**C64-L
● MNRJB500B-**C4-L



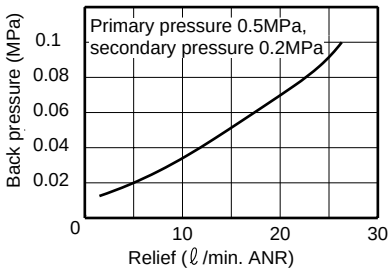
● MNRJB500A-**C86-L
● MNRJB500B-**C6-L



Pressure characteristic



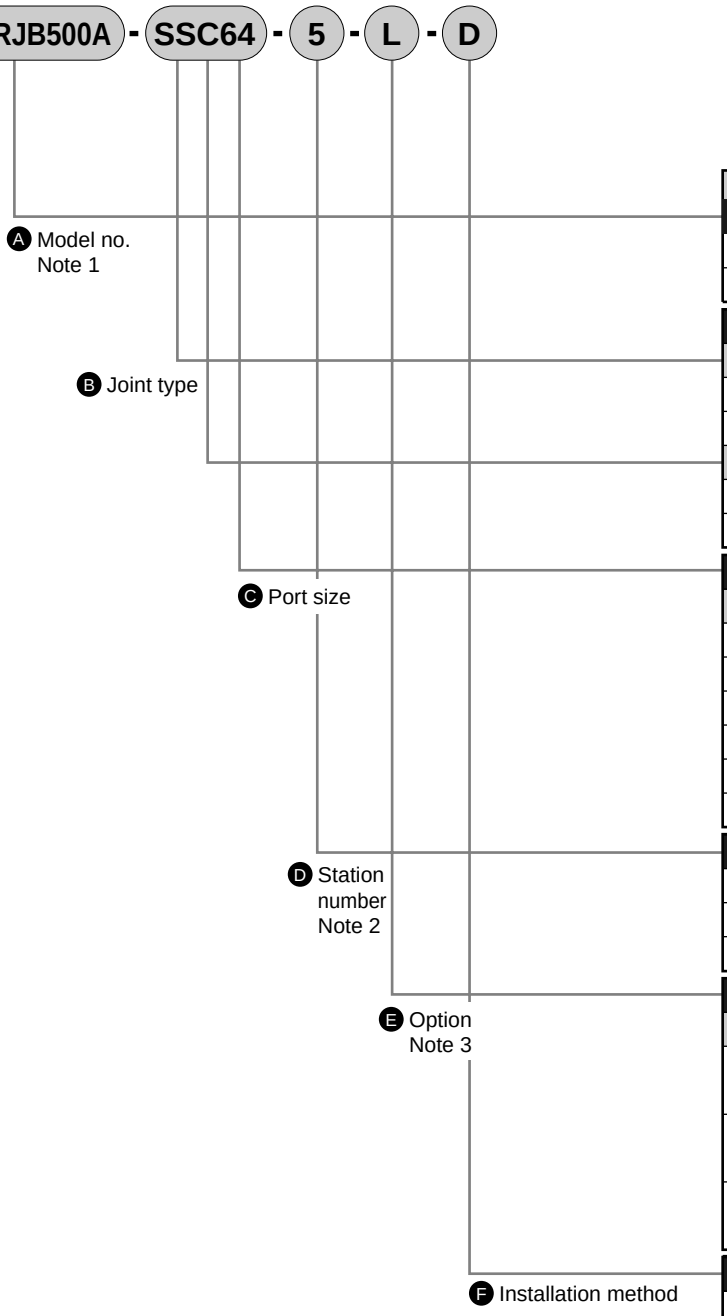
Relief characteristic



Note 1: With common exhaust, primary pressure is insufficient when using multiple manifolds simultaneously. So, install air supply block per three stations. Use an air supply port larger than OUT port size.

How to order

MNRJB500A - **SSC64** - **5** - **L** - **D**



Symbol	Descriptions
Ⓐ Model no.	
MNRJB500A	Common supply type
MNRJB500B	Individual supply type
Ⓑ Joint type	
IN direction	
S	Straight
L	Elbow
OUT direction	
S	Straight
L	Elbow

Ⓒ Port size IN-OUT

		MNRJB500A	MNRJB500B
C64	IN; ϕ6, OUT; ϕ4	●	
C66	IN; ϕ 6, OUT; ϕ 6	●	
C84	IN; ϕ 8, OUT; ϕ 4	●	
C86	IN; ϕ 8, OUT; ϕ 6	●	
C4	IN / OUT; ϕ 4		●
C6	IN / OUT; ϕ 6		●

Ⓓ Station number	
1	1 station
to	to
10	10 stations

Ⓔ Option

			MNRJB500A	MNRJB500B
Pressure range	**Blank**	0.02 to 0.5MPa Note 4	●	
	L	0.01 to 0.2MPa Note 5	●	
Pressure gauge	**Blank**	With pressure gauge	●	
	T	W/o pressure gauge (gauge port Rc1/8)	●	
Flow direction	**Blank**	Standard flow (left → right)	●	
	X1	Reverse flow (right → left)	●	

Ⓕ Installation method	
Blank	DIN rail installation
D	Direct mount

⚠Note on model no. selection

Note 1: Air supply block is to be 1 station.
When using three or more stations simultaneously with the common supply, increase one supply block station for every three stations.
In this case, indicate specifications in the mix manifold specification sheet.
Note 2: Maximum installation number of direct mount type is 5 stations.
Note 3: Same options and pressure gauge apply for each regulator block.
Note 4: A 0 to 1.0 MPa pressure gauge is assembled.
Note 5: A 0 to 0.4 MPa pressure gauge is assembled.
Note 6: When other than basic model specifications, issue the mix manifold specification sheet on page 667.