

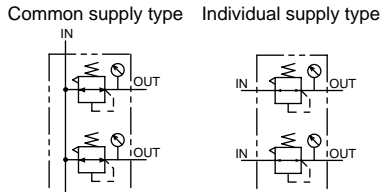
Block manifold compact direct operating precision regulator

# MNRJB500 Series

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



## JIS symbol



## Specifications

Descriptions		MNRJB500A	MNRJB500B
Working fluid		Compressed air	
Max. working pressure Mpa		0.8	
Withstanding pressure Mpa		1.2	
Ambient temperature range °C		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 $\phi 6$ , $\phi 8$	Push-in joint $\phi 4$ , $\phi 6$
	OUT	Push-in joint: $\phi 4$ , $\phi 6$	
	GAUGE	Rc1/8	

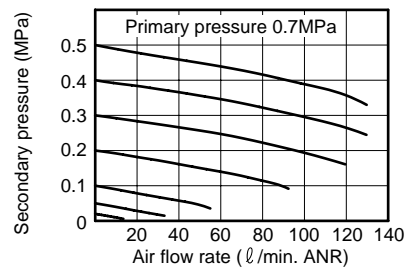
Note 1: Values in parentheses are for low pressure.

Note 2: Set pressure sensitivity for the pressure adjustment knob block's minimum spacing.

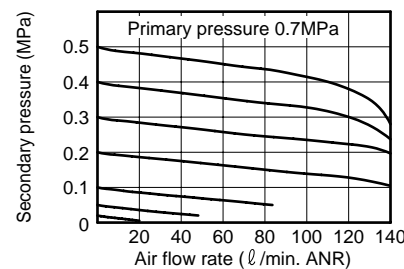
Note 3: Value for secondary side setting pressure 0.1 MPa.

## Flow characteristic

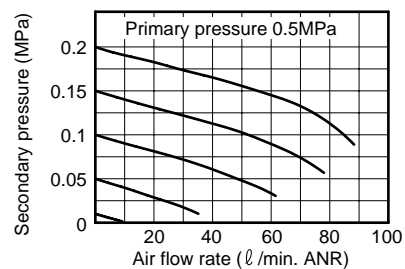
- MNRJB500A-\*\*C64
- MNRJB500B-\*\*C4



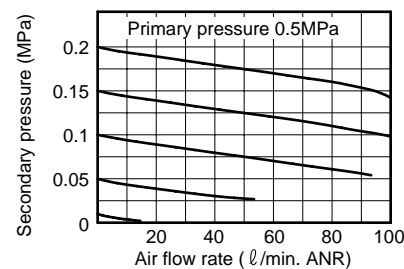
- MNRJB500A-\*\*C86
- MNRJB500B-\*\*C6



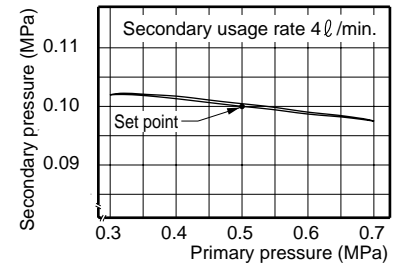
- MNRJB500A-\*\*C64-L
- MNRJB500B-\*\*C4-L



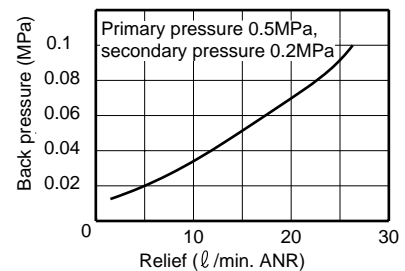
- MNRJB500A-\*\*C86-L
- MNRJB500B-\*\*C6-L



## Pressure characteristic

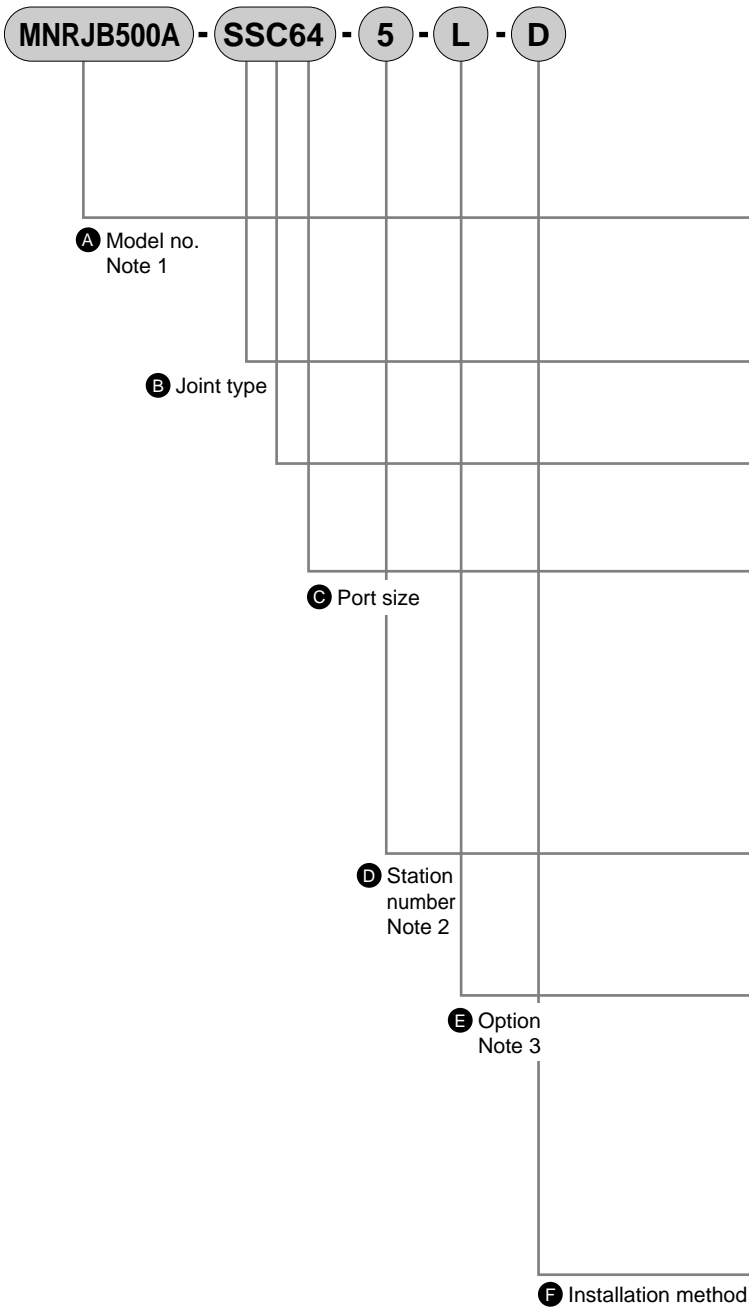


## Relief characteristic



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



Symbol	Descriptions		
<b>A Model no.</b>			
MNRJB500A	Common supply type		
MNRJB500B	Individual supply type		
<b>B Joint type</b>			
<b>IN direction</b>			
S	Straight		
L	Elbow		
<b>OUT direction</b>			
S	Straight		
L	Elbow		
<b>C Port size IN-OUT</b>			
		MNRJB500A	MNRJB500B
C64	IN; $\phi 6$ , OUT; $\phi 4$		
C66	IN; $\phi 6$ , OUT; $\phi 6$		
C84	IN; $\phi 8$ , OUT; $\phi 4$		
C86	IN; $\phi 8$ , OUT; $\phi 6$		
C4	IN / OUT; $\phi 4$		
C6	IN / OUT; $\phi 6$		
<b>D Station number</b>			
1	1 station		
to	to		
10	10 stations		
<b>E Option</b>			
		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)	
<b>F Installation method</b>			
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.

Refrigerating type dryer
Desiccant type dryer
High polymer membrane dryer
Air filter
Auto. drain / others
F.R.L. (Module unit)
F.R.L. (Separate)
Compact F.R.
Precise regulator
F.R.L. (Related products)
Clean F.R.
Electro pneumatic regulator
Air booster
Speed control valve
Silencer
Check valve / others
Joint / tube
Vacuum filter
Vacuum regulator
Suction plate
Magnetic spring buffer
Mechanical pressure SW
Electronic pressure SW
Contact / close contact cont. SW
Air sensor
Pressure SW for coolant
Small flow sensor
Small flow controller
Flow sensor for air
Flow sensor for water
Total air system
Total air system (Gamma)

Ending

Compact direct acting precision regulator block manifold  
F.R.L. unit