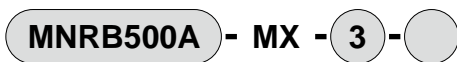


# MNRJB500 Series

## How to fill out mix manifold specifications sheet

## ● Mix manifold model No.

Mix manifolds consisting of the compact direct acting precision (RJB500 Series) and general-purpose (RB500 S series) are available. Refer to pages 498 to 502 for model No. per component.



**A** Model No.

**B** Number of regulator blocks

### C Installation method

Code	Description
<b>A Model No.</b>	
<b>MNRJB500A</b>	Common supply (when selecting compact direct acting precision regulator only)
<b>MNRB500A</b>	Common supply (for compact direct acting precision regulator, general purpose regulator mixed)
<b>MNRJB500B</b>	Individual supply (when selecting compact direct acting precision regulator only)
<b>MNRB500B</b>	Individual supply (for compact direct acting precision regulator, general regulator mixed)
<b>B Number of regulator blocks</b>	
<b>1</b>	1 station
<b>2</b>	2 stations
<b>⋮</b>	<b>⋮</b>
<b>C Installation method</b>	
<b>Blank</b>	DIN rail
<b>D *1</b>	Direct mount

## Precautions for model No. selection

\*1: The number of stations of direct mount blocks should be within 6 blocks, including regulator and air supply blocks. However, a regulator block is to be 5 stations or less.

\*2: Grease-free specifications are not available when NRB500\* and common supply block with APS are used. Grease is applied before assembly.

\*3: Contact CKD if the common supply and the individual supply types are combined.

Configuration	Model No.	Installation position														Qty.	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14		
End block L	N <span style="border: 1px solid black; padding: 0 2px;">RB</span> 500 - NE	○														1	
Common supply block	N <span style="border: 1px solid black; padding: 0 2px;">RB</span> 500 - NP- <span style="border: 1px solid black; padding: 0 10px;"> </span>		○													1	
Common supply block with APS	NRB500 - APS - <span style="border: 1px solid black; padding: 0 2px;">SC6</span> - <span style="border: 1px solid black; padding: 0 10px;">3</span>			○												1	
Regulator block	N <span style="border: 1px solid black; padding: 0 2px;">RB</span> 500 <span style="border: 1px solid black; padding: 0 2px;">A</span> - <span style="border: 1px solid black; padding: 0 2px;">SC6</span> - <span style="border: 1px solid black; padding: 0 10px;"> </span>				○	○										1	
	N <span style="border: 1px solid black; padding: 0 2px;">RJB</span> 500 <span style="border: 1px solid black; padding: 0 2px;">A</span> - <span style="border: 1px solid black; padding: 0 2px;">SC6</span> - <span style="border: 1px solid black; padding: 0 10px;"> </span>															2	
	N <span style="border: 1px solid black; padding: 0 2px;"> </span> 500 <span style="border: 1px solid black; padding: 0 2px;"> </span> - <span style="border: 1px solid black; padding: 0 2px;"> </span> - <span style="border: 1px solid black; padding: 0 10px;"> </span>																
	N <span style="border: 1px solid black; padding: 0 2px;"> </span> 500 <span style="border: 1px solid black; padding: 0 2px;"> </span> - <span style="border: 1px solid black; padding: 0 2px;"> </span> - <span style="border: 1px solid black; padding: 0 10px;"> </span>																
	N <span style="border: 1px solid black; padding: 0 2px;"> </span> 500 <span style="border: 1px solid black; padding: 0 2px;"> </span> - <span style="border: 1px solid black; padding: 0 2px;"> </span> - <span style="border: 1px solid black; padding: 0 10px;"> </span>																
	N <span style="border: 1px solid black; padding: 0 2px;"> </span> 500 <span style="border: 1px solid black; padding: 0 2px;"> </span> - <span style="border: 1px solid black; padding: 0 2px;"> </span> - <span style="border: 1px solid black; padding: 0 10px;"> </span>																
	N <span style="border: 1px solid black; padding: 0 2px;"> </span> 500 <span style="border: 1px solid black; padding: 0 2px;"> </span> - <span style="border: 1px solid black; padding: 0 2px;"> </span> - <span style="border: 1px solid black; padding: 0 10px;"> </span>																
	N <span style="border: 1px solid black; padding: 0 2px;"> </span> 500 <span style="border: 1px solid black; padding: 0 2px;"> </span> - <span style="border: 1px solid black; padding: 0 2px;"> </span> - <span style="border: 1px solid black; padding: 0 10px;"> </span>																
Sub-base with masking plate	N <span style="border: 1px solid black; padding: 0 2px;"> </span> 500 <span style="border: 1px solid black; padding: 0 2px;"> </span> - NS- <span style="border: 1px solid black; padding: 0 10px;"> </span> - MP																
End block R	N <span style="border: 1px solid black; padding: 0 2px;">RB</span> 500 - NE						○									1	
DIN rail	L <sub>2</sub> = <span style="border: 1px solid black; padding: 0 10px;">175</span> mm	Accessory Blanking plug				GWP4-B				pcs.		GWP8-B				pcs.	
						GWP6-B				pcs.							

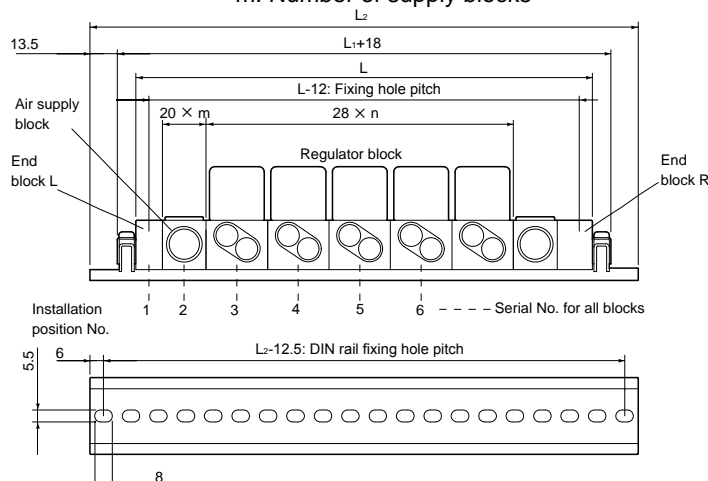
### ● DIN rail length and manifold dimensions

Manifold length L2: Refer to the table on the right.

$$L = (28 \times n) + (20 \times m) + 28$$

n: Number of regulator blocks

m: Number of supply blocks



- Common supply
- Manifold L<sub>2</sub> dimensions

Stn No.	m=1 Dimension	m=2 Dimension	m=3 Dimension
1	125		
2	150		
3	175	200	
4	212.5	225	
5	237.5	262.5	275
6	262.5	287.5	300
7	287.5	312.5	337.5
8	325	337.5	362.5
9	350	375	387.5
10	375	400	412.5

- Individual supply  
Manifold  
 $L_2$  dimension

Strn No.	L <sub>2</sub> Dimension
1	100
2	137.5
3	162.5
4	187.5
5	212.5
6	250
7	275
8	300
9	325
10	362.5

### MNRJB500 mix manifold specification sheet

Contact \_\_\_\_\_

Slip No. \_\_\_\_\_

Quantity \_\_\_\_\_

Set \_\_\_\_\_

Delivery date \_\_\_\_\_ / \_\_\_\_\_

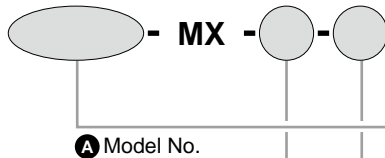
Issued \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

Your company name \_\_\_\_\_

Contact \_\_\_\_\_

Order No. \_\_\_\_\_

#### ● Mix manifold model No.



**A** Model No.

**B** Number of regulator blocks

**C** Installation method

Code	Description
<b>A Model No.</b>	
<b>MNRJB500A</b>	Common supply (when selecting compact direct acting precision regulator only)
<b>MNRB500A</b>	Common supply (for compact direct acting precision regulator, general purpose regulator mixed)
<b>MNRJB500B</b>	Individual supply (when selecting compact direct acting precision regulator only)
<b>MNRB500B</b>	Individual supply (for compact direct acting precision regulator, general regulator mixed)
<b>B Number of regulator blocks</b>	
<b>1</b>	1 station
<b>2</b>	2 stations
<b>:</b>	<b>:</b>
<b>C Installation method</b>	
<b>Blank</b>	DIN rail
<b>D *1</b>	Direct mount

#### ⚠ Precautions for model No. selection

\*1: The number of stations of direct mount blocks should be within 6 blocks, including regulator and air supply blocks.

However, a regulator block is to be 5 stations or less.

\*2: Grease-free specifications are not available when NRB500\* and common supply block with APS are used. Grease is applied before assembly.

\*3: Contact CKD if the common supply and the individual supply types are combined.

#### ● Mix manifold specification

Configuration	Installation position															Qty.
	Model No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
End block L	N <input type="text"/> 500-NE															
Common supply block	N <input type="text"/> 500-NP- <input type="text"/>															
Common supply block with APS	NRB500-APS- <input type="text"/> - <input type="text"/>															
Regulator block	N <input type="text"/> 500 <input type="text"/> - <input type="text"/> - <input type="text"/>															
	N <input type="text"/> 500 <input type="text"/> - <input type="text"/> - <input type="text"/>															
	N <input type="text"/> 500 <input type="text"/> - <input type="text"/> - <input type="text"/>															
	N <input type="text"/> 500 <input type="text"/> - <input type="text"/> - <input type="text"/>															
	N <input type="text"/> 500 <input type="text"/> - <input type="text"/> - <input type="text"/>															
	N <input type="text"/> 500 <input type="text"/> - <input type="text"/> - <input type="text"/>															
	N <input type="text"/> 500 <input type="text"/> - <input type="text"/> - <input type="text"/>															
	N <input type="text"/> 500 <input type="text"/> - <input type="text"/> - <input type="text"/>															
Sub-base with masking plate	N <input type="text"/> 500 <input type="text"/> - NS- <input type="text"/> -MP															
End block R	N <input type="text"/> 500-NE															
DIN rail      *4	L <sub>2</sub> =      mm	Accessory			GWP4-B			pcs.			GWP8-B			pcs.		
		Blanking plug			GWP6-B			pcs.								

\*4: Select the DIN rail L<sub>2</sub> dimensions from the L<sub>2</sub> dimensions given on page 504.

F.R.L.  
F.R.  
F (Filtr)  
R (Reg)  
L (Lub)  
Drain Separ  
Mech Press SW  
Res press exh valve  
SlowStart  
Anti-bac/Bac-remove Filt  
Film Resist FR  
Oil-ProhR  
Med Press FR  
No Cu/ PTFE FRL  
Outdrs FRL  
Adapter Joiner Press Gauge  
CompFRL  
LgFRL  
PrecsR  
VacF/R  
Clean FR  
ElecPneuR  
AirBoost  
Speed Ctrl  
Silncr  
CheckV/ other  
Fit/Tube  
Nozzle  
Air Unit  
PrecsCompn  
Electro Press SW  
ContactSW  
AirSens  
PresSW Cool  
Air Flo Sens/Ctrl  
WaterRISens  
TotAirSys (Total Air)  
TotAirSys (Gamma)  
Gas generator  
RefrDry  
DesicDry  
HiPolymDry  
MainFiltr  
Dischrg etc  
Ending