Ejector System/Manifold Specifications





Specifications

Max. number of units	Max. 6 stations			
Port	Port size			
Common air pressure supply (PV) port	1/8 (Rc, NPTF, G)			
Common pilot pressure supply (PS) port	M5			
Common release pressure supply (PD) port	M5			
Common exhaust (EXH.) port	1/2 (Rc, NPTF, G)			
Weight (Manifold bases only)	Basic mass for one station is 0.28 kg. Additional mass per one station is 0.12 kg.			

- (1) When using 3 or more stations with ZR120□□ manifold, utilize PV port as supply port on both sides.
- (2) When using 3 or more stations with ZR120□ 3 manifold, utilize EXH port as exhaust port on both sides.

Manifold Air Supply

Manifold	Left			Right			
Supp y port location Port	PV	PS	PD	PV	PS	PD	
L (Left side)	0	0	0	•	•	•	
R (Right side)	•	•	•	0	0	0	
B (Both sides)	0	0	0	0	0	0	

Air supply to O port

BLANK plug attached to
port

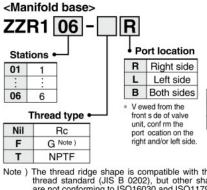
Note) BLANK plug is attached on all ports of valve unit.

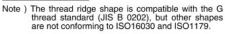
Individual Spacer

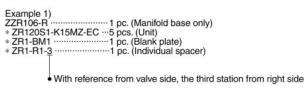
Part no.	Port	Function
	PV	Possible to set the air supply pressure individually
ZR1-R1 to R16	PS	Possible to set the pilot valve air supply pressure individually
2N1-N1 10 N10	PD	Possible to set the release valve supply pressure individually
	PE	Possible to set the pilot valve exhaust individually

Individual spacer is used when the connecting port of each unit is not common for the manifold connecting port. Mixed specifications of common and individual unit connecting ports for each unit is possible on manifolds with this individual spacer.

How to Order Manifold







<Function plate> ZR1 – RV Arrangement Piping specifications (Right valve station which is looked from Symbol PV port PS port PD port valve side is first station.) PV↔PS↔PD Common PV←→PS·PD Common

1 station only 6 6 stations only Α All stations

* When the spacers are attached to the specified locations, specify all spacers.

Example 2) Attached to the first and third stations *ZR1-RV1-1

*ZR1-RV1-A--3

*ZR1-RV1-3 Example 3) Attached to all stations.

Fill the number

Refer to "About individual spacer." Arrangement (Right valve station which is looked from valve side is first station.) 1 station only 6 6 stations only A All stations

<Individual spacer>

ZR1 – R1

- * When the spacers are attached to the specified locations. specify all spacers.
- * When shipping only spacers, specify nothing.

Example 4) Attached to the first and third stations *ZR1-R1-1 *ZR1-R1-3

<Blanking plate>

ZR1 – BM1

Refer to Example 1).

Caution when ordering manifold

The asterisk denotes the symbol for assembly. Prefix it to the ejector part numbers to be mounted. When it is not added, the manifold base and ejector are shipped separately.

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About individual spacers

- In the right table, ports with the symbol 1 mean that they are manifold supply, while others are individual supply from the valve
- · Symbols in the right table are printed on the surface of individual spacers.

Part no.	Symbol			Part no.	Symbol			
ZR1-R1	R1			ZR1-R9	R9	‡PV		
-R2	R2		‡PE	-R10	R10	‡PV		ĴPE
-R3	R3	‡PD		-R11	R11	‡PV	ĴPD	
-R4	R4	‡PD	ĴPE	-R12	R12	‡PV	‡PD	‡PE
-R5	R5	‡PS		-R13	R13	‡PV ‡PS		v.,
-R6	R6	‡PS	ĴPE	-R14	R14	‡PV ‡PS		ĴPE
-R7	R7	‡PS ‡PD		-R15	R15	‡PV ‡PS	Ĵ₽D	
-R8	R8	‡PS ‡PD	‡PE	-R16	R16	‡PV ‡PS	ĴPD	₽E

