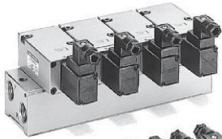


E-P HYREG® Manifold Specifications

Using the VVEXB/2/4 series, a maximum of 10 stations manifold is possible.



Specifications

Applicable valve	VY1B0 ¹	VY120 ¹	VY140 ¹
Valve stations ⁽¹⁾	2 to 10 stations	2 to 8 stations	2 to 6 stations
Passage	Common supply/exhaust		
Pilot type	Internal pilot, Common external pilot ⁽²⁾		
Pilot port size	M5		
Port size port 1(P), 2(A), 3(R)	1/8	1/4	1/4, 3/8, 1/2
Blanking plate assembly ⁽³⁾	VEXB-6	VEX1-17	VEX4-5

Note 1) VY1B0¹: 6 stations or more, VY120¹: 5 stations or more, VY140¹: 4 stations or more supply pressure to the ports 1(P) on both sides of the manifold and exhaust pressure from the port 3(R) on the both sides.

Note 2) When used as a common external pilot, select the internal pilot specification as an applicable valve.

Note 3) Gasket and mounting bolts are equipped.

How to Order

VVEX B - 1 - 5 - 01

	Body size	Pilot type	Valve stations	Port size
B For VY1B0 ¹	1	Internal pilot	22 ^{Note 1)} 2 stations	01 1(P), 3(R), 2(A)
		Common external pilot	210 ^{Note 1)} 10 stations	1/8
2 For VY120 ¹	1	Internal pilot	2 2 stations	02 1/4
		Common external pilot	8 8 stations	
4 For VY140 ¹	1	Internal pilot	2 2 stations	A 3/8, 1/4
		Common external pilot	6 6 stations	B 3/8, C 1/2, 3/8

Enter the valves and the blank plates to be placed on a manifold in order, starting at the left side of the manifold base (with port 2(A) facing you).

Ex.) VVEX2-2-5-02
 • VY1200-00-G – 4 pcs.
 • VEX1-17 – 1 pc.

Piping thread type

Nil	Rc
F	G Note 2)
N	NPT
T	NPTF

Note 1) In the case of VVEXB, the "2" in the first digit of the valve station number is a dummy part number.

Note 2) Not conforming to ISO 1179-1.

VY manifold pilot type

Body size B, 2

Pilot type	Manifold base part no.	Applicable valve part no.
Internal pilot manifold	VVEX□-1-□-□□	VY1□00
Common external pilot manifold	VVEX□-2-□-□□	VY1□01
Individual external pilot manifold	VVEX□-□-□-□□	VY1□01

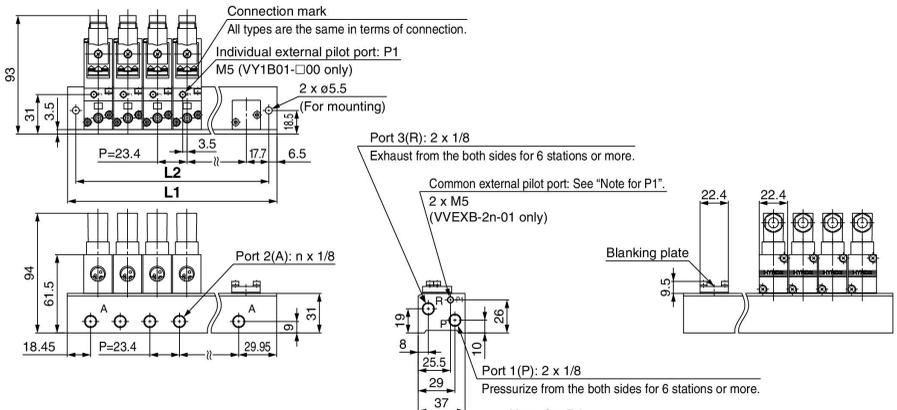
Note) It is recommended to use a common type when the external pilot type is used.

Body size 4

Pilot type	Manifold base part no.	Applicable valve part no.
Internal pilot manifold	VVEX4-1-□-□□	VY1400
Common external pilot manifold	VVEX4-2-□-□□	VY1401

Dimensions

VVEXB



Dimension	Stations	2	3	4	5	6	7	8	9	10
L1		71.8	95.2	118.6	142	165.4	188.8	212.2	235.6	259
L2		58.8	82.2	105.6	129	152.4	175.8	199.2	222.6	246

Note for P1

Confirm internal pilot or common external pilot by checking whether P1 has a M5 screw or not.

Internal pilot:..... P1 has no M5 screw.
 Common external pilot:..... P1 has an M5 screw.