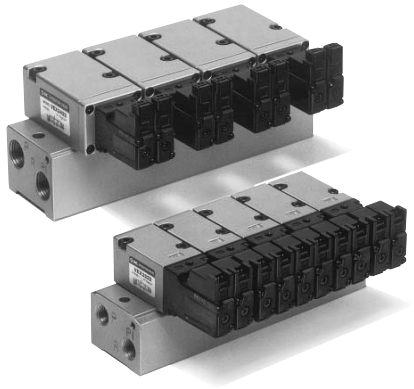
Series VEX3
Manifold Specifications

Manifold: Series VVEX



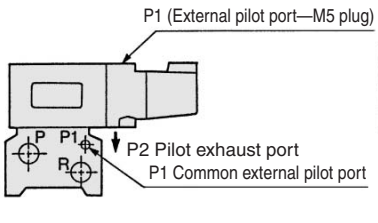
Specifications

Model		VVEX2	VVEX4		
Applicable valve		VEX3220/3222	VEX3420/3422		
Valve stations Note)		2 to 8	2 to 6		
Port specifications		Common SUP, EXH			
Pilot type		Internal pilot, Common external pilot			
Common external pilot port size		M5 x 0.8 Length of thread 5			
Port size	P	1/4	3/8	3/8	1/2
	R		3/8	3/8	1/2
	A		1/4	3/8	3/8
Applecable blanking plate		VEX1-17 (With gasket, screw)	VEX4-5 (With gasket, screw)		

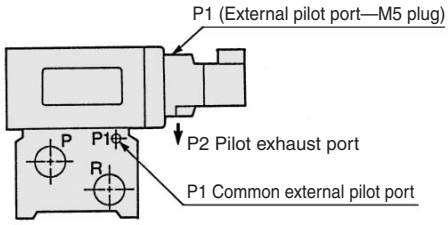
Note) When series VVEX2 is used with more than 5 stations, or Series VVEX4 is used with more than 4 stations, apply pressure to the P port on both sides and exhaust from the R port on both sides.

External Pilot Piping

VVEX2-2



VVEX4-2



VEX
AN
AMC

How to Order Manifold Base

VVEX 2 − 1 − 6 − 02 ☐

Thread type
Nil — Rc
N — NPT
F — G
T — NPTF

Body size • **Pilot type** • **Valve stations** • **Port size**

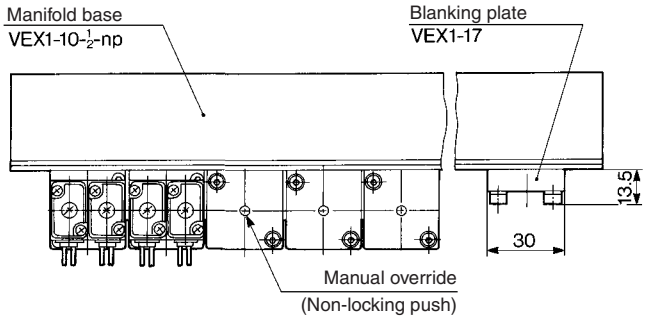
Body size	Pilot type		Applicable valve	Valve stations		Port size				
						Port	P	R	A	
2	1	Internal pilot	VEX3222 (Air operated: VEX3220 Note)	2	2	02	1/4			
				⋮	⋮					
	2	Common external pilot		6	6					
				⋮	⋮					
				8	8					
4	1	Internal pilot	VEX3422 (Air operated: VEX3420 Note)	2	2	A	3/8		1/4	
				⋮	⋮	B	3/8			
	2	Common external pilot		6	6	C	1/2		3/8	

Note) Air operated
VEX 3220 and VEX3420 (air operated) are used. Distinction between the pilots (internal or extertal pilot) of the manifold base does not matter. Either may be used.

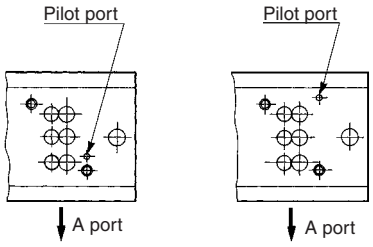
Example for ordering a manifold base:
The valve and blank plate for manifold arrangement should be specified in order from the left side of the manifold base (with the A port on your side).
(Example)
VVEX2-2-7-02N
∗VEX3222-1LN —6 pcs.
∗VEX1-17 —1 pc. } Solenoid
VVEX4-2-6-A
∗VEX3420 —5 pcs.
∗VEX4-5 —1 pc. } Air operated

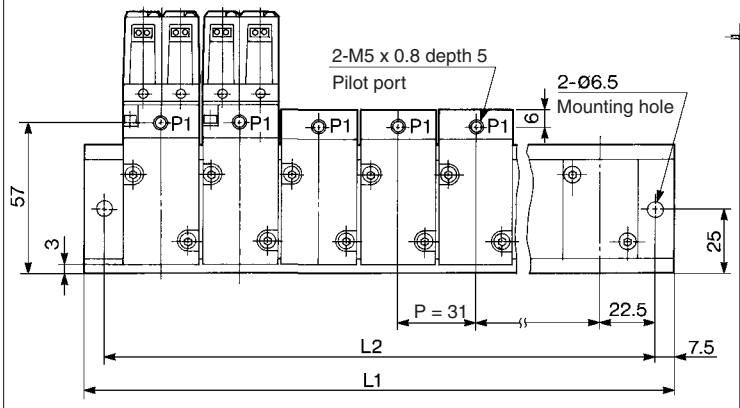
Manifold: VVEX2-□

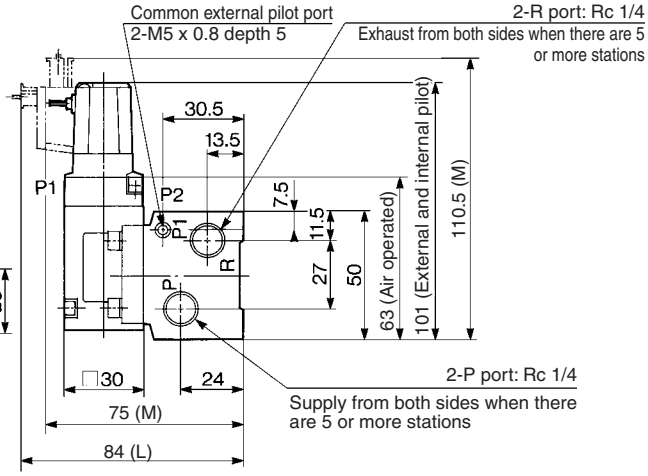
VVEX2-$\frac{1}{2}$ Applicable valve: VEX3220/3222

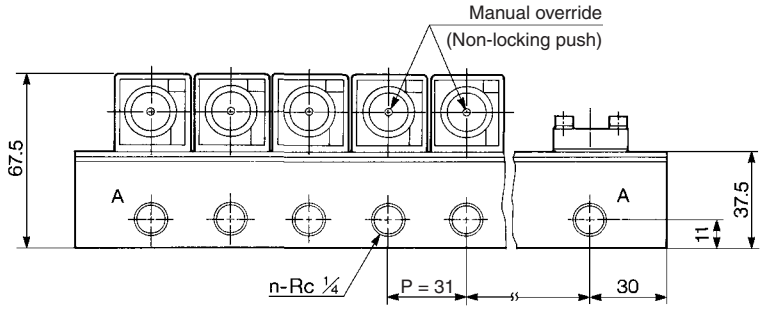


Valve mounting side









L Dimension

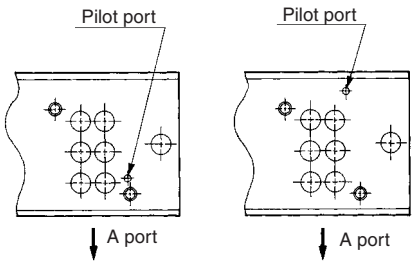
Equation $L_1 = 46n + 31$, $L_2 = 46n + 15$ n: Station

L \ n	2	3	4	5	6	7	8
L1	91	122	153	184	215	246	277
L2	76	107	138	169	200	231	262

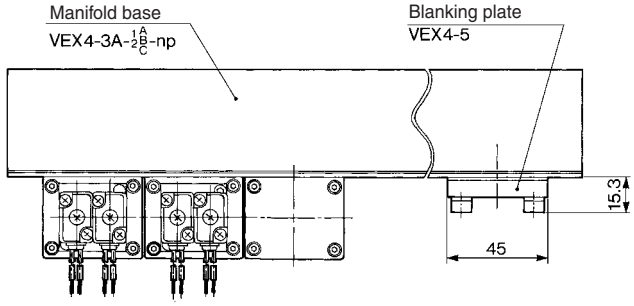
Manifold: VVEX4-□

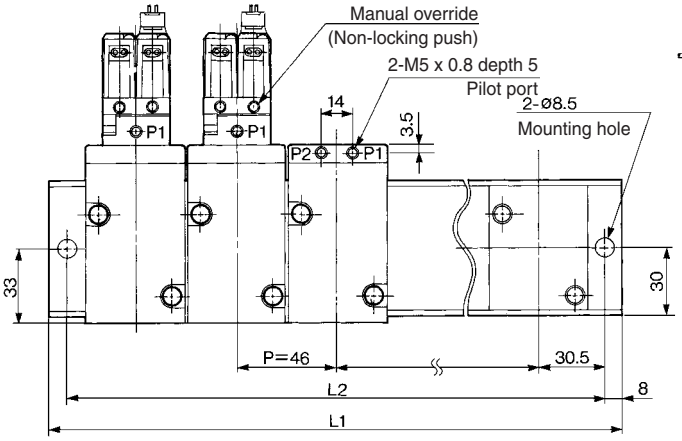
VVEX4-1 Applicable valve: VEX3420/3422
VVEX4-2 Applicable valve: VEX3420/3422

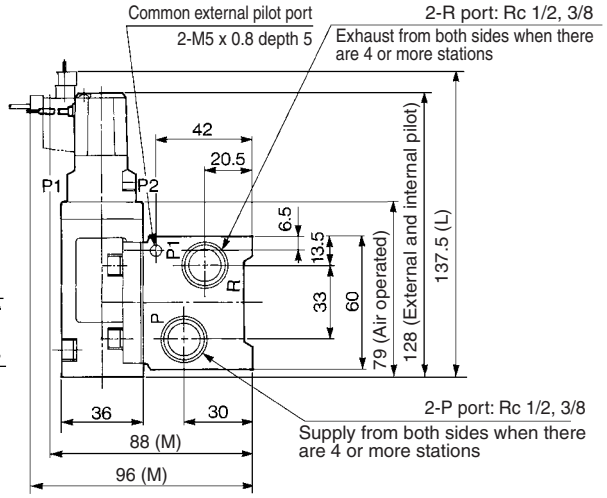
Valve mounting side

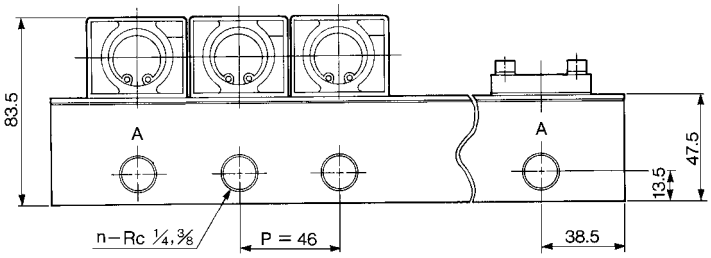


Internal pilot type **Common external pilot**









L Dimension $L_1 = 46n + 31$, $L_2 = 46n + 15$ n: Station

L \ n	2	3	4	5	6
L_1	123	169	215	261	307
L_2	107	153	199	245	291