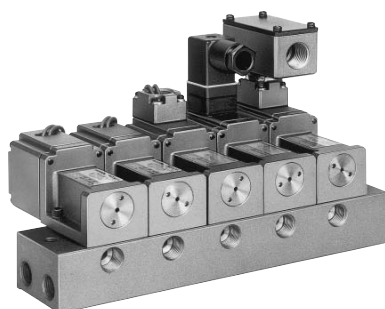


Series VT325

Manifold Specifications

VT325 Series Manifold Model has a B mount style with common exhaust.



Common exhaust

How to Order Manifold

VVT34 0 05 1 — [] — []

Porting specifications

Symbol	P	A	R
0	Side	Side	Side
1	Side	Bottom	Side

Valve stations

02	2 stations
⋮	⋮
17	17 stations

Port size

Symbol	Port size
02	1/4
03	3/8

Exhaust port type

1	Common exhaust
---	----------------

Thread type

Nil	Rc
F	G
N	NPT
T	NPTF

* Instruct by specifying the valves and blanking plate to be mounted on the manifold along with the manifold base model no.
 <Example>
 VVT340-051..... 1 pc.
 VO325-001G..... 4 pcs.
 DXT083-21A..... 1 pc.

Manifold Specifications

Manifold type	B mount
Max. number of stations	17 stations ^(Note)
Applicable solenoid valve	VO325-00□□

Exhaust port type	Port location/Port size			Port direction		
	P	A	R	P	A	R
Common	Base	Base	Base	Side	Side/Bottom	Side
	1/4, 3/8	1/4, 3/8	1/4, 3/8			

Option	Blanking plate (With seal, screw)	DXT083-21A
--------	-----------------------------------	------------



Accessory for Applicable Solenoid

Description	Part no.	Qty.
Manifold gasket	DXT083-13-1	1 pc.
Hexagon socket head screw	DXT083-19-1	2 pcs.

Flow Characteristics/Weight

Valve model	Flow characteristics												Weight
	1 → 2 (P → A)			2 → 3 (A → R)			3 → 2 (R → A)			2 → 1 (A → P)			
	C [dm ³ /(s·bar)]	b	Cv	C [dm ³ /(s·bar)]	b	Cv	C [dm ³ /(s·bar)]	b	Cv	C [dm ³ /(s·bar)]	b	Cv	
VO325	4.1	0.24	1.0	4.4	0.18	1.0	4.5	0.15	1.0	4.3	0.23	1.0	0.58 kg (For AC)
VO325V (Vacuum spec. type)													0.63 kg (For DC)

⚠ Precautions

⚠ Warning

When mounting valves on the manifold base, the mounting orientation is decided. If it is mounted in the wrong direction, connected equipment may malfunction. Mount it by referring to external dimensions on page 4-7-38. Besides, the external dimensions are showing the case of N.C. specifications.

Changing from N.C. to N.O.

⚠ Caution

The valves are assembled as N.C. valves at the time of shipment. By removing the two retaining screws from the desired valves, and rotating each valve body 180° and reassembling it on the manifold base, it is possible to reassemble an N.C. valve as an N.O. valve. (When doing so, make sure that a gasket is attached to the mounting surface of the valve.) Properly tighten the screws. The tightening torque of the retaining screws is 3 N·m.

V100

SY

SYJ

VK

VZ

VT

VP

VG

VP

S070

VQ

VKF

VQZ

VZ

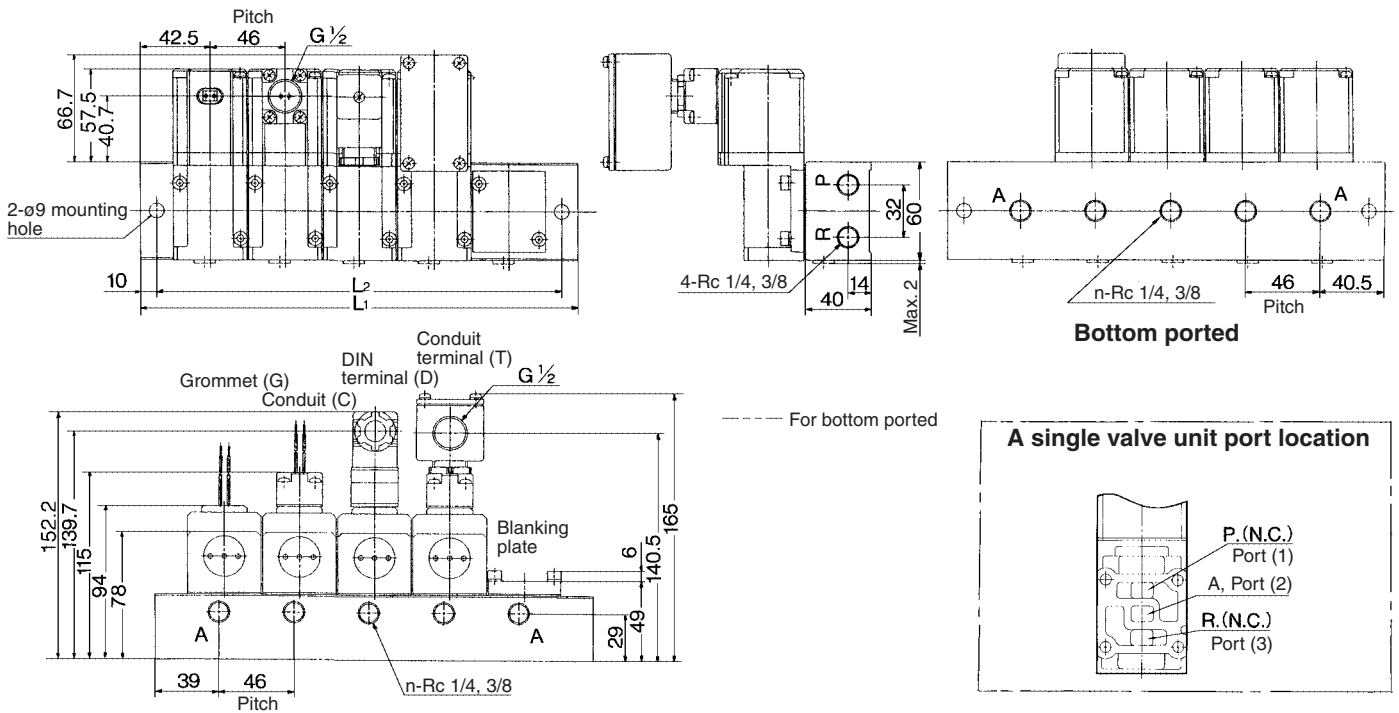
VS

VFN

Series VT325

Dimensions

Common exhaust



n: Stations

Symbol \ n	2	3	4	5	6	7	8	9	10
L1	131	177	223	269	315	361	407	453	499
L2	111	157	203	249	295	341	387	433	479

Formula: $L1 = 46n + 39$, $L2 = 46n + 19$