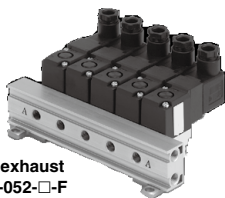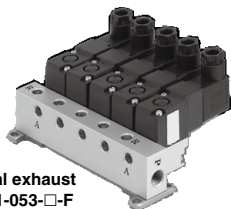# VT307 *Series*
Manifold Specifications

VT307 manifold is available both as a common exhaust and individual exhaust model.

Manifold valve can be easily converted from N.C. (Normally Closed) to N.O. (Normally Open) merely by turning over the function plate.

Common exhaust
VV307-01-052-□-F

Individual exhaust
VV307-01-053-□-F

How to Order Manifold Base

VV307 – 01 – 05 2 – 01 □ – F

Valve stations

02	2 stations
⋮	⋮
20	20 stations

Max. 20 stations

● **VT307 manifold**
* Specify model number of the manifold base, applicable valves and blanking plates when ordering.
 Refer to page 1243 for the model number of the valves.

Ordering example: VV307-01-052-01-F··· 1 pc.
 (5 station manifolds base)
 ∗VO307-1G1·············4 pcs.
 ∗DXT060-51-13A·········1 pc.
 (Blanking plate)
 → The asterisk denotes the symbol for assembly.
 Prefix it to the part nos. of the solenoid valve, etc.

● **Exhaust port type**

2	Common exhaust
3	Individual exhaust

● **A port size (Base mounted)**

01	⅛ common exhaust/individual exhaust
02	¼ individual exhaust

● **Thread type**

Nil	Rc
F	G
N	NPT
T	NPTF

● **Mounting bracket**

Manifold Specifications

Manifold type	B mount		
Max. number of stations	20 stations [Note]		
Applicable solenoid valve	VO307□-□□□□ (-Q)		

Exhaust port		Port location (Direction)/Port size		
Symbol	Type	P	A	R
2	Common	Base (Side) ⅛	Base (Side) ⅛	Base (Side) ⅛
3	Individual	Base (Side) ¼	Base (Side) ⅛, ¼	Base (Top) ⅛

Note) For 6 stations or more, supply air both sides of P port. The common exhaust type should exhaust from both of the R port.

Option

Description	Part no.
Blanking plate (With gasket, screw) [Note]	DXT060-51-13$_B^A$

Accessories for Applicable Solenoid Valve

Description	Part no.	Qty.
Function plate (With gasket) [Note]	DXT152-14-1$_B^A$	1 pc.
Mounting screws	NXT013-3	2 pcs.

Note) DXT060-51-13B, DXT152-14-1B are for the continuous duty type.
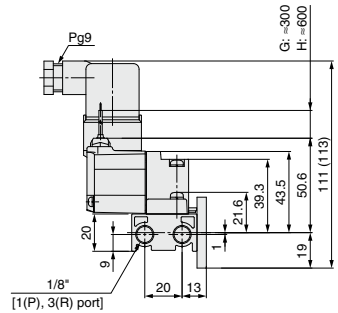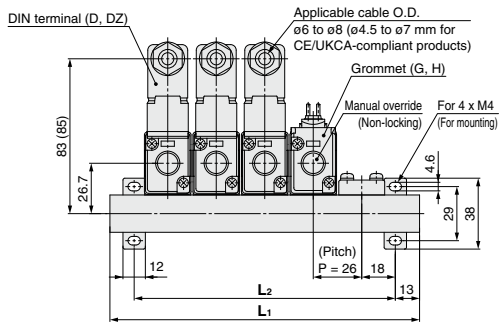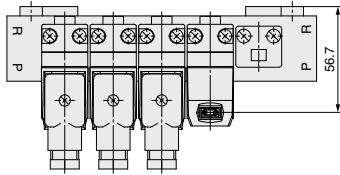
Flow Rate Characteristics/Weight

Valve model	Flow rate characteristics												Weight
	1 → 2 (P → A)			2 → 3 (A → R)			3 → 2 (R → A)			2 → 1 (A → P)			
	C[dm³/(s·bar)]	b	Cv	C[dm³/(s·bar)]	b	Cv	C[dm³/(s·bar)]	b	Cv	C[dm³/(s·bar)]	b	Cv	Grommet
VO307	0.34	0.28	0.089	0.34	0.22	0.082	0.36	0.28	0.091	0.34	0.18	0.080	0.15 kg
VO307V (Vacuum spec. type)													
VO307E (Continuous duty type)	0.30	0.18	0.070	0.30	0.15	0.072	0.32	0.20	0.075	0.30	0.15	0.069	
VO307Y (Energy-saving type)													
VO307W (Energy-saving, Vacuum spec. type)													

VT307 Series

Dimensions: Common Exhaust

VV307-01-□2-01-F

DIN terminal (D, DZ)

Applicable cable O.D.
ø6 to ø8 (ø4.5 to ø7 mm for
CE/UKCA-compliant products)

Grommet (G, H)

Manual override
(Non-locking)

For 4 x M4
(For mounting)

83 (85)

26.7

4.6

29

38

12

(Pitch)
P = 26   18

13

L₂

L₁

Pg9

G: ≈300
H: ≈600

111 (113)

50.6

43.5

39.3

21.6

20

9

1

19

1/8"
[1(P), 3(R) port]

20   13

(Station n) ···························· (Station 1)

Max. 10

77.1 (76.6)

(35)

64

40

23

5

A   A

1/8"
[2(A) port]

(Pitch)
P = 26   31
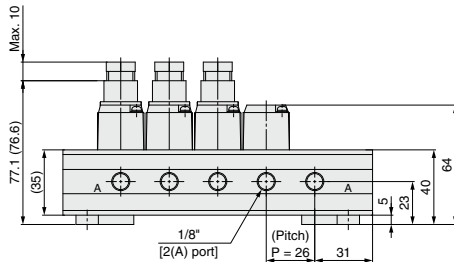
L Dimension

n: Stations

L＼n	2	3	4	5	6	7	8	9	10	Formula
L₁	88	114	140	166	192	218	244	270	296	L₁ = 26 x n + 36
L₂	62	88	114	140	166	192	218	244	270	L₂ = 26 x n + 10

∗ The numbers in brackets indicate the dimensions
of the CE/UKCA-compliant model (-Q).

![HANUMAN logo]

Dimensions: Individual Exhaust

3 Port Solenoid Valve
Direct Operated Poppet Type *VT307 Series*

VV307-01-□3-□-F

(Pitch)
P = 26
25

55.2

DIN terminal (D, DZ)

Applicable cable O.D.
ø6 to ø8 (ø4.5 to ø7 mm for
CE/UKCA-compliant products)

Grommet (G, H)

Manual override
(Non-locking)

For 4 x M4
(For mounting)

83 (85)

27

4.6

(1)

29

38

R

R

9.5

(Pitch)
P = 26

1/8"
[3(R) port]

12

6

L₂

L₁

Pg9

G: ≈300
H: ≈600

111 (113)

50.6

43.5

39.3

21.6

20

11

1

P

1/4"
[1(P) port]

18.5

19

(Station 1) ······················· (Station n)

Max. 10

75.6 (75.1)

40

31

62.5

A

A

5

28

(Pitch)
P = 26

1/4", 1/8"
[2(A) port]

L Dimension

n: Stations

L\n	2	3	4	5	6	7	8	9	10	Formula
L₁	76	102	128	154	180	206	232	258	284	L₁ = 26 x n + 24
L₂	64	90	116	142	168	194	220	246	272	L₂ = 26 x n + 12

∗ The numbers in brackets indicate the dimensions
of the CE/UKCA-compliant model (-Q).