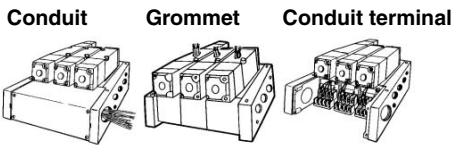


Series VVS410

Manifold Specifications



Specifications

| | |
|------------------|--|
| Applicable valve | VS4110/4210/4310/4410 |
| Valve stations | Max. 10 stations (Standard) |
| Accessory | With terminal * With interface regulator * With stop valve/With flow controls |

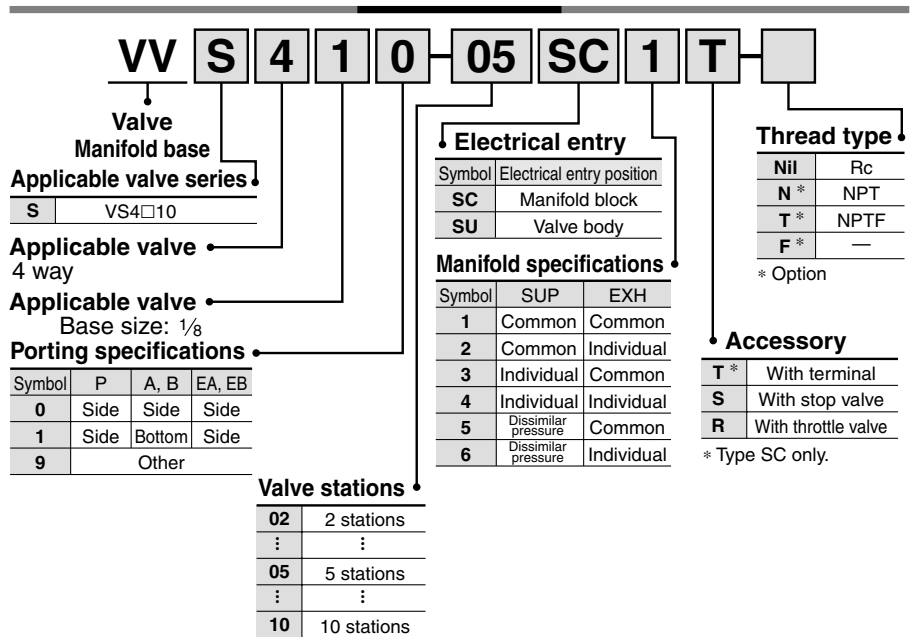
* Option

Standard Piping Specifications

| Type | Configuration | Port size Rc | | | Conduit * port size G |
|----------------|---------------|--------------|----------|----------|-----------------------------|
| | | P | A, B | EA, EB | |
| Common EXH | | 1/4, 3/8 | 1/8, 1/4 | 1/4, 3/8 | 1, 1 1/4 |
| | | (Side) | (Side) | (Side) | |
| Individual EXH | | 1/4, 3/8 | 1/8, 1/4 | 1/8, 1/4 | 1, 1 1/4 |
| | | (Side) | (Side) | (Bottom) | |

* Optional piping: Individual SUP and different pressure SUP. But it will be the bottom porting specifications. Note) Each port size will be a big size for standard. When the small size is desired, indicate separately.

How to Order



⚠ Precautions

Be sure to read before handling. For Safety Instructions and Splenoid Valve Precautions, refer to page 3-13-2.

Mounting

⚠ Caution

1. SUP port and EXH port are positioned on both sides of manifold block. Air can be supplied from either side; however, the unused port must be plugged in this case. When operating 6 or more valve stations within a manifold at the same time, take SUP air pressure from both sides and open EXH port to the atmosphere.
2. When manifolding an exhaust center 3 position valve, use the individual EXH style manifold. (Back pressure may cause actuator to malfunction.)

VK

VZ

VF

VFR

VP4

VZS

VFS

VS4

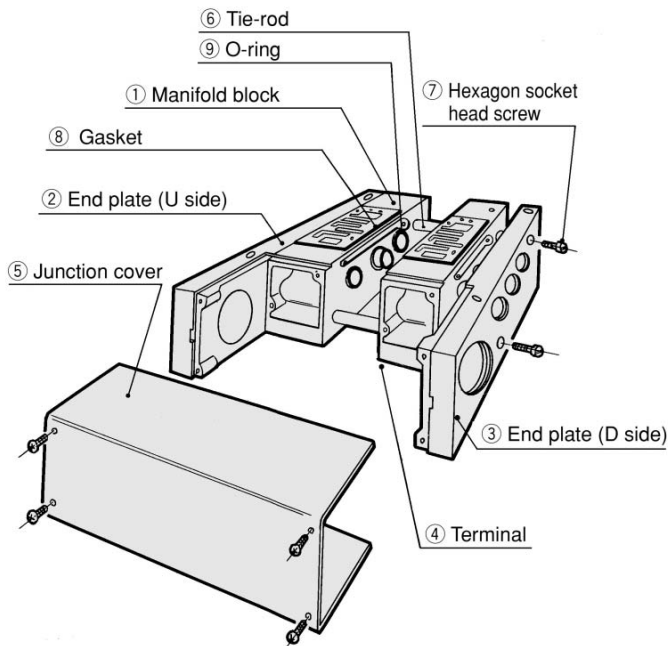
VQ7

EVS

VFN

Series VVS4 10

Construction



• Replacement Parts: Sub-assembly

| No. | Description | Assembly part no. | Electrical entry |
|-----|-----------------------------|--------------------------------|------------------|
| ① | Manifold block assembly | AXT336-1A-1 ⁰¹ | SC (T only) |
| | | AXT336-1A-2 ⁰² | Type SU |
| | | AXT336-1A-3 ⁰³ | Type SC |
| ② | End plate (U side) assembly | AXT336-2A-1 ⁰² | Type SC |
| | | AXT336-2A-2 ⁰³ | Type SU |
| ③ | End plate (D side) assembly | AXT336-3A-1 ⁰² | Type SC |
| | | AXT336-3A-2 ⁰³ | Type SU |
| ④ | Terminal assembly | AXT622-5A | |
| ⑤ | Junction cover assembly | AXT336-4A- ^{Stations} | |
| ⑥ | Tie-rod | AXT336-5- ^{Stations} | |

• Replacement Parts

| No. | Description | Material | Part no. |
|-----|---------------------------|--------------|-------------|
| ⑦ | Hexagon socket head screw | Carbon steel | M6 x 25 |
| ⑧ | Gasket | NBR | AXT335-12-3 |
| ⑨ | O-ring | NBR | AS568-015 |

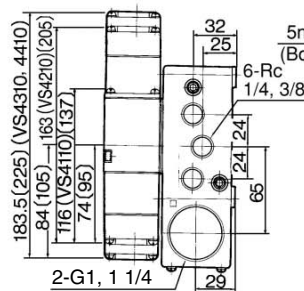
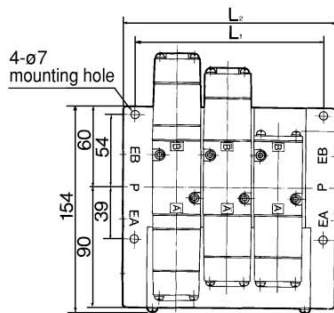
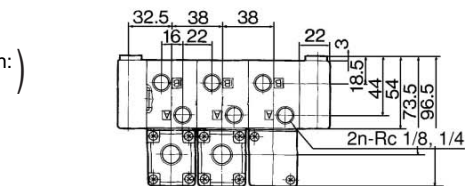
• Manifold Optional Parts Assembly

| Option | Part no. |
|-----------------------|---|
| Blanking plate | AXT336-7A |
| Throttle valve spacer | AXT392A |
| Stop valve spacer | AXT395A |
| Interface regulator | ARB110-00- ^{1 (P port regulation)} ^{2 (A/B port regulation)} |
| Block disk | AXT336-6 |
| Rubber plug | AXT336-9 |

Dimensions

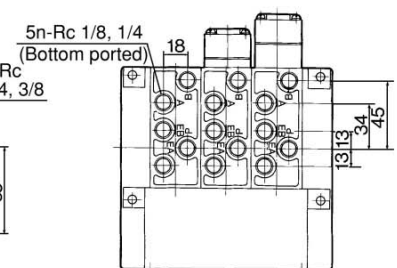
Type SC

(Electrical entry position:
Manifold block)



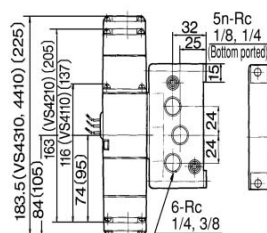
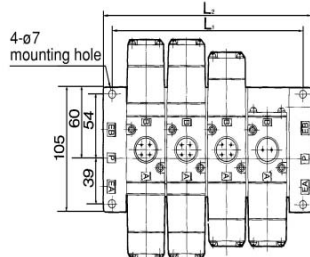
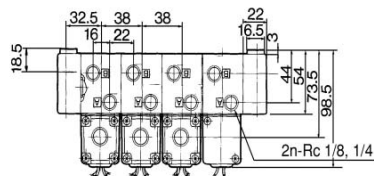
| Formula/Stations | 2 | 3 | 4 | 5 | 6 | 7 |
|---------------------------|-----|-----|-----|-----|-----|-----|
| L ₁ = 38n + 27 | 103 | 141 | 179 | 217 | 255 | 293 |
| L ₂ = 38n + 44 | 120 | 158 | 196 | 234 | 272 | 310 |

Formula for manifold weight M = 0.405n + 0.49 (kg)



Type SU

(Electrical entry position:
Valve body)



| Formula/Stations | 2 | 3 | 4 | 5 | 6 | 7 |
|---------------------------|-----|-----|-----|-----|-----|-----|
| L ₁ = 38n + 27 | 103 | 141 | 179 | 217 | 255 | 293 |
| L ₂ = 38n + 44 | 120 | 158 | 196 | 234 | 272 | 310 |

Formula for manifold weight M = 0.325n + 0.39 (kg)

(): DC