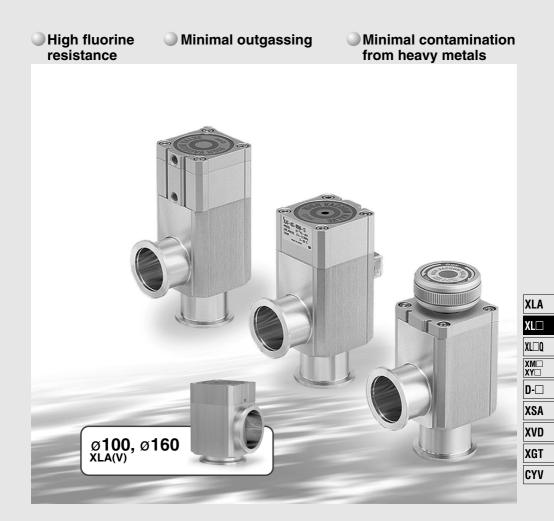
Aluminum High Vacuum Angle Valve

XL Series

The production of flange sizes 16, 25, 40, 50, 63, and 80 for the XLA(V)/XLC(V)/XLF(V)/XLG(V) series has been discontinued. Please select the new XL□-2 type. See here for details.

(RoHS)



Aluminum **High Vacuum Angle Valve**



Lightweight, Compact

Large conductance, small body Excellent resistance against fluorine corrosion (body)



XL* Series Case

| Model | A * (mm) | B (mm) | Weight (kg) | Conductance* (L/s) |
|---------|--------------------|-----------|----------------|-----------------------|
| XLA-16 | 40 | 103 | 0.25 | 5 |
| XLA-25 | 50 | 113 | 0.45 | 14 |
| XLA-40 | 65 | 158 | 1.1 | 45 |
| XLA-50 | 70 | 170 | 1.6 | 80 |
| XLA-63 | 88 | 196 | 2.9 | 160 |
| XLA-80 | 90 | 235 | 5.0 | 200 |
| XLA-100 | 108 | 300 | 10.6 | 300 |
| XLA-160 | 138 | 315 | 18.5 | 800 |

* Common to all series.

Low outgassing

Low outgassing makes it possible to use a lower capacity pump and also to shorten evaluation time



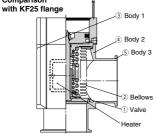
Little heavy metal contamination

The valve does not contain heavy metals such as Ni (nickel) or Cr (chrome) and a low sputtering yield also helps to minimize heavy metal contamination of semiconductor wafers

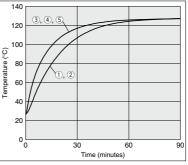
Uniform baking temperature

temperature for the entire valve body and a marked decrease in the condensation of gases inside the valve.





Excellent thermal conductivity results in a uniform Temperature distribution of 120°C specifications



High Vacuum Angle Valves XL Series Features

- XLA/XLAV (Bellows seal, Single acting)
- · Particulate-free and clean room compatible bellows type
- Pressure-balance mechanism
- XLC/XLCV (Bellows seal, Double acting)
- · Particulate-free and clean room compatible bellows type • Pressure-balance mechanism
- XLF/XLFV (O-ring seal, Single acting)
- · High speed response Particulates are reduced through special surface treatment of shaft seal.
- XLG/XLGV (O-ring seal, Double acting)
- High speed response
- · Particulates are reduced through special surface treatment of shaft seal

- XLD/XLDV (2-Step control, Single acting) Initial stage exhaust valve and main exhaust valve
- are combined, (flow rate 2-step control valve) · Designed with a compact system and reduced
- piping Prevents particulate turbulence inside the
- chamber during exhaustion.
- · Prevents pumps from running while overloaded.
- Initial exhaust valve flow is adjustable.

XLH (Bellows seal, Manual)

- Bellows type is particulate free and cleaned. · Pressure balance mechanism allows unrestricted
- exhaust direction. Low actuation torque (0.5 N·m or less)
- Spring provides standard sealing load
- Handle height is the same when valve is open or closed
- · Indicator to confirm opening and closing of valve
- is standard equipment.
 - @SMC

- XLS (Bellows pressure balance, Normally closed electromagnetic)
- · Particulates are reduced because there are no sliding metal parts. Pressure balance mechanism allows unrestricted
- exhaust direction. A control power supply circuit for solenoid valve drive
- has been made standard. . Can be used in portable equipment since air for drive
- is not necessary.

Series Variations

The production of flange sizes 16, 25, 40, 50, 63, and 80 for the XLA(V)/XLC(V)/XLF(V)/XLG(V) series has been discontinued. Please select the new XL \Box -2 type. See here for details.

High Vacuum Angle Valves

| Actua- | Application | Shaft seal | Model | Valve | Operating pressure | Leakage | (Pa⋅m³/s) | Flange size Option | Page | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|----------------------------------|--|----------------------------|--|---------------------------|---------------------|--|----------------------|----------------------|--|-------------------|--|----------------------|--|--|--|--|--|--|--|--|--|--|------|-------|-------|--|--|--|--|--|--|--|--|--|--|------|--|----------------------|
| tion | Application | system | | type | (Pa) (abs) | Note) Internal | Note) External | 16 25 40 50 63 80 100 160 Switch Heater Indicator High respect | Faye | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Particle free | Bellows | XLA | Single acting (N.C.) | 10 ⁻⁶ to atmospheric pressure | 10 ⁻⁶ to | 10 ⁻⁶ to | 10.6 10 | | 10 ⁻⁶ to | | 10 ⁻¹¹ | | P.416 to P.419 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | cleaned | seal | XLC | Double acting | | ressure 10 ⁻¹⁰ | | | Production | P.420 to P.424 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Air operated | High speed operation | O-ring | XLF XLFV (With solenoid XLFV (With solenoid valves) | Single acting (N.C.) | 10 ⁻⁵ to | 10-10 | 10-10 | | P.426 to P.435 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | High volume operation | seal | XLG | Double acting | atmospheric 10 ⁻¹ pressure | sure | ric 10.00 | | | | | | | | | | | | | | | | | | 10.2 | 10.15 | 10-10 | | | | | | | | | | | 10.0 | | P.436 to P.447 |
| | Prevents turbulence of particulates. Prevents a pump from running overloaded. | Bellows seal Oring seal | XLD XLDV (With solenoid Valves) | Single acting (N.C.) | 10 ⁻⁶ to atmospheric pressure | 10-10 | 10-11 | | P.448 to P.453 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Manual | Particle free cleaned | Bellows seal | XLH | Manual | 10 ⁻⁶ to atmospheric pressure | 10 ⁻¹⁰ | 10-11 | | P.454 P.455 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Electromagnetic | For portable equipment not requiring air | (Bellows balance) | XLS | Single acting (N.C.) | 10 ⁻⁶ to 0.1 MPa (G) | 10 ⁻⁸ | 10 ⁻¹¹ | ◆ ◆ · · · · · · · · · · · · · · · · · · | P.456 to P.458 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Note) In case of standard seal material (FKM)

* Heater and high temperature specifications are not available with switches.



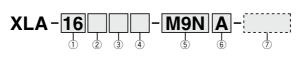
XLA XLO XLO XMO D-XSA XVD XGT CYV

Aluminum High Vacuum Angle Valve Normally Closed/Bellows Seal RoHS XLA/XLAV Series



How to Order

The production of flange sizes 16, 25, 40, 50, 63, and 80 for the XLA(V) series has been discontinued. Please select the new XLA(V)-2 type. See <u>here</u> for details.



1) Flange size Size 16 25

> 40 50 63

80 100

160

2 Flange type

| | 0 71 | |
|--------|---------|------------------------------------|
| Symbol | Туре | Applicable flange |
| Nil | KF (NW) | 16, 25, 40, 50, 63, 80 100, 160 |
| D | K (DN) | 63, 80, 100, 160 |

4 Temperature specifications/Heater

| · · · · | | |
|---------------|--------------|-------------------|
| Symbol | Temperature | Heater |
| Nil | 5 to 60°C | _ |
| High H | 0 | _ |
| temperature H | 4 5 to 150°C | With 100°C heater |
| type H | 5 | With 120°C heater |

Note) Size 16 is not applicable for H4, H5, Size 25 not for H4.

6 Number of auto switches/Mounting position

| Symbol | Quantity | Mounting position |
|--------|---------------------|-------------------|
| Nil | Without auto switch | _ |
| Α | 2 pcs. | Valve open/closed |
| В | 1 pc. | Valve open |
| С | 1 pc. | Valve closed |

⑦ Body surface treatment/Seal material and its changed part

• Body surface treatment

| Symbol | Surface treatment | | | |
|-----------------|-------------------------------|------------------------------|--|--|
| Nil | External: Hard anodized | Internal: Raw material | | |
| Α | External: Hard anodized In | ternal: Oxalic acid anodized | | |
| Seal materia | al | | | |
| Symbol | Seal material | Compound No. | | |
| Nil | FKM | 1349-80* | | |
| N1 | EPDM | 2101-80* | | |
| P1 | Barrel Perfluoro® | 70W | | |
| Q1 | Kalrez® | 4079 | | |
| R1 | | SS592 | | |
| R2 | Chemraz® | SS630 | | |
| R3 | | SSE38 | | |
| S1 | VMQ | 1232-70* | | |
| T1 | FKM for Plasma | 3310-75* | | |
| ULTIC ARMOR® | | UA4640 | | |
| Droduced by Mit | subishi Cable Industries I td | 1 | | |

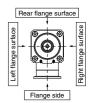
| * Produced by Mitsubishi Cable Industries, Ltd.

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Chemraz[®] is a registered trademark of Greene, Tweed Technologies, Inc. ULTIC ARMOR[®] is a registered trademark of Nippon Valqua Industries, Ltd.

(3) Indicator/Pilot port direction

| Indicator/Pliot port direction | | | |
|--------------------------------|-------------------|----------------------|--|
| Symbol | Indicator | Pilot port direction | |
| Nil | Without indicator | Flange side | |
| Α | | Flange side | |
| F | With | Left flange surface | |
| G | indicator | Rear flange surface | |
| J | | Right flange surface | |
| К | Without | Left flange surface | |
| L | indicator | Rear flange surface | |
| М | muicator | Right flange surface | |



(5) Auto switch type

| S Auto office | in type | |
|---------------|-------------------|---|
| Symbol | Auto switch model | Remarks |
| Nil | — | Without auto switch (without built-in magnet) |
| M9N(M)(L)(Z) | D-M9N(M)(L)(Z) | |
| M9P(M)(L)(Z) | D-M9P(M)(L)(Z) | Solid state auto switch |
| M9B(M)(L)(Z) | D-M9B(M)(L)(Z) | |
| A90(L) | D-A90(L) | Reed auto switch (Not applicable |
| A93(M)(L)(Z) | D-A93(M)(L)(Z) | to flange size 16) |
| M9// | _ | Without auto switch (with built-in magnet) |

Note 1) Auto switches shown above cannot be mounted on the high temperature type. For the high temperature type, a semi-standard product that uses the heat resistant auto switch D-F7NJ^e is available. For details, please contact SMC.

Note 2) Standard lead wire length is 0.5 m. Add "L" to the end of the part number when 3 m is desired, "M" when 1 m, and "Z" when 5 m.

Example) -M9NL

Seal material changed part and leakage

| Symbol | Note 2) Changed | Leakage (Pa·m | 3/s or less) Note 1) |
|--------|--------------------|-------------------------------|-------------------------------|
| Cymbol | part | Internal | External |
| Nil | None | 1.3 x 10 ⁻¹⁰ (FKM) | 1.3 x 10 ⁻¹¹ (FKM) |
| Α | 2,3 | 1.3 x 10 ⁻⁸ | 1.3 x 10 ⁻⁹ |
| В | 2 | 1.3 x 10 ⁻⁸ | 1.3 x 10 ⁻¹¹ (FKM) |
| С | 3 | 1.3 x 10 ⁻¹⁰ (FKM) | 1.3 x 10 ⁻⁹ |

Note 1) Values at normal temperature, excluding gas permeation.

Note 2) Refer to parts number of "Construction" on page 418 for changed part. Number indicates parts number of "Construction" accordingly.

To order something other than "Nil" (standard), list the symbols starting with "X," followed by each symbol for "body surface treatment," "seal material" and then "changed part".

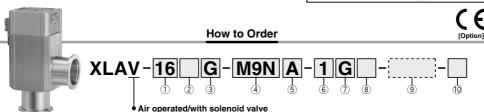
Example) XLA-16-M9NA-XAN1A

SMC

Aluminum High Vacuum Angle Valve XLA/XLAV Series

Operated/with Solenoid

The production of flange sizes 16, 25, 40, 50, 63, and 80 for the XLA(V) series has been discontinued. Please select the new XLA(V)-2 type. See here for details.



XI A\

| Flange siz | e |
|--------------------------------|---|
| Size | |
| 16 | |
| 25 | |
| 40 | |
| 50 | |
| 63 | |
| 80 | |
| 100 | |
| 160 | |
| | |

Nil M9 M9

④ Auto switch type Symbol

| ② Flange type | | | |
|---------------|------------------------------------|--|--|
| Туре | Applicable flange | | |
| KF (NW) | 16, 25, 40, 50, 63, 80 100, 160 | | |
| K (DN) | 63, 80, 100, 160 | | |
| | | | |
| | Type KF (NW) | | |

3 Indicator/Pilot port direction

| Symbol | Indicator | Pilot port direction | | |
|--------|-----------|----------------------|--|--|
| F | With | Left flange surface | | |
| G | indicator | Rear flange surface | | |
| J | Indicator | Right flange surface | | |
| к | Without | Left flange surface | | |
| L | | Rear flange surface | | |
| | indicator | Right flange surface | | |



Q CE-compliant

* M type plug connector (AC power supply) not attached for J, M of sizes 16 and 25.

Number of auto switches/Mounting position

| Symbol | Quantity | Mounting position | | |
|--------|---------------------|-------------------|--|--|
| Nil | Without auto switch | _ | | |
| Α | 2 pcs. | Valve open/closed | | |
| В | 1 pc. | Valve open | | |
| С | 1 pc. | Valve closed | | |

| D Number of | Number of auto switches/Mounting position | | | | | | | |
|-------------|---|-------------------|--|--|--|--|--|--|
| Symbol | Quantity | Mounting position | | | | | | |
| Nil | Without auto switch | _ | | | | | | |
| Α | 2 pcs. | Valve open/closed | | | | | | |
| В | 1 pc. | Valve open | | | | | | |
| С | 1 pc. | Valve closed | | | | | | |
| | | | | | | | | |

| | ⑧ Lig | ht/Surge voltage suppresso | or 🛽 | O CE | -compliant |
|---|-------|----------------------------|------|------|------------|
| 2 | Nil | None | | Nil | _ |

| | NOTE |
|---|---|
| S | With surge voltage suppressor |
| z | With light/surge voltage suppressor |
| U | With light/surge voltage suppressor (Non-polar type) |
| | |

* S type: Not available for AC.

* U type: DC only.

· Seal material changed part and leakage

| Symbol | Note 2) Changed | Leakage (Pa∙m | 3/s or less) Note 1) |
|--------|--------------------|-------------------------------|-------------------------------|
| Symbol | part | Internal | External |
| Nil | None | 1.3 x 10 ⁻¹⁰ (FKM) | 1.3 x 10 ⁻¹¹ (FKM) |
| Α | 2,3 | 1.3 x 10 ⁻⁸ | 1.3 x 10 ⁻⁹ |
| В | 2 | 1.3 x 10 ⁻⁸ | 1.3 x 10 ⁻¹¹ (FKM) |
| С | 3 | 1.3 x 10 ⁻¹⁰ (FKM) | 1.3 x 10 ⁻⁹ |

Note 1) Values at normal temperature, excluding gas permeation. Note 2) Refer to parts number of "Construction" on page 418 for changed part. Number indicates parts number of "Construction" accordingly.

To order something other than "Nil" (standard), list the symbols starting with "X," followed by each symbol for "body surface treatment," "seal material" and then "changed part".

Example) XLAV-16-M9NA-1G-XAN1A

Note 1) Option specifications/Combinations

This model has indicator, auto switch and K(DN) flange options, but high temperature/heater options are not available.

Note 2) Solenoid valves

- XLAV-16, 25, 40, 50: SYJ319, XLAV-63, 80, 100, 160: SYJ519 Example) SYJ319-1GS, etc.
- * For details, consult your SMC sales representative.
- * For option "Q", the solenoid valve should be a CE-compliant product.

| M9N(M)(L)(Z) | D-M9N(M)(L)(Z) | | | | | | |
|---|----------------|--|--|--|--|--|--|
| M9P(M)(L)(Z) | D-M9P(M)(L)(Z) | Solid state auto switch | | | | | |
| M9B(M)(L)(Z) | D-M9B(M)(L)(Z) | | | | | | |
| A90(L) | D-A90(L) | Reed auto switch (Not applicable | | | | | |
| A93(M)(L)(Z) | D-A93(M)(L)(Z) | to flange size 16) | | | | | |
| M9// | — | Without auto switch (with built-in magnet) | | | | | |
| Standard lead wire length is 0.5 m. Add "L" to the end of the part number when 3 m is desired, "M" when 1 m, and "Z" when 5 m. Example) -M9NL | | | | | | | |

Auto switch model

| 6 R | ated voltage | CE-compliant | (7) E |
|-----|-------------------|--------------|-------|
| 1 | 100 VAC, 50/60 Hz | _ | G |
| 2 | 200 VAC, 50/60 Hz | — | н |
| 3 | 110 VAC, 50/60 Hz | _ | L |
| 4 | 220 VAC, 50/60 Hz | _ | М |
| 5 | 24 VDC | 0 | |
| 6 | 12 VDC | 0 | |

lectrical entry

Remarks Without auto switch (without built-in magnet)

| _ | <u> </u> | |
|---|----------|-----------------------------------|
| | G | Grommet (Lead wire length 300 mm) |
| | н | Grommet (Lead wire length 600 mm) |
| | L | L type plug connector |
| | М | M type plug connector |
| _ | | |

(9) Body surface treatment/Seal material and its changed part

Body surface treatment

| Surface treatment | | | | | | | |
|--|---|--|--|--|--|--|--|
| External: Hard anodized Internal: Raw material | | | | | | | |
| External: Hard anodized Int | External: Hard anodized Internal: Oxalic acid anodized | | | | | | |
| Seal material | | | | | | | |
| Seal material | Compound No. | | | | | | |
| FKM | 1349-80* | | | | | | |
| EPDM | 2101-80* | | | | | | |
| Barrel Perfluoro® | 70W | | | | | | |
| Kalrez® | 4079 | | | | | | |
| | SS592 | | | | | | |
| Chemraz® | SS630 | | | | | | |
|] | SSE38 | | | | | | |
| VMQ | 1232-70* | | | | | | |
| FKM for Plasma | 3310-75* | | | | | | |
| ULTIC ARMOR® | UA4640 | | | | | | |
| | Surface I External: Hard anodized External: Hard anodized Int al Seal material FKM EPDM Barrel Perfluoro® Kalrez® Chemraz® VMQ FKM for Plasma | | | | | | |

* Produced by Mitsubishi Cable Industries, Ltd

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Chemraz® is a registered trademark of Greene, Tweed Technologies, Inc. ULTIC ARMOR® is a registered trademark of Nippon Valqua Industries, Ltd.

∕∂SMC

XLA/XLAV Series

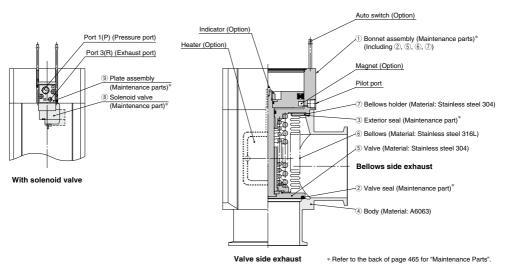
Specifications

| Model | | XLA(V)-16 | XLA(V)-25 | XLA(V)-40 | XLA(V)-50 | XLA(V)-63 | XLA(V)-80 | XLA(V)-100 | XLA(V)-160 |
|------------------------|----------|-------------------------|---|---------------------------|---------------|------------------|---------------------------------|---------------|---------------|
| Valve type | | | | Normally cl | osed (Pressu | rize to open, S | Spring seal) | | |
| Fluid | | | | | Inert gas un | der vacuum | | | |
| Operating | XLA | | | 5 to 60 | (High temper | rature type: 5 | to 150) | | |
| temperature (°C) | XLAV | | | | 5 to | 50 | | | |
| Operating pressure (F | | | 1) | 10 ⁻⁶ to atmos | spheric press | ure | | | |
| Conductance (L/s) Not | e 1) | 5 14 45 80 160 200 300 | | | 800 | | | | |
| Leakage (Pa•m³/s) | Internal | In case | In case of standard material FKM: 1.3 x 10 ⁻¹⁰ at normal temperature, excluding gas permeation | | | | | | |
| Leakage (Pa•III /S) | External | In case | In case of standard material FKM: 1.3 x 10 ⁻¹¹ at normal temperature, excluding gas permeation | | | | | | |
| Flange type | | KF (NW) KF (NW), K (DN) | | | | | | | |
| Principal materials | | Body: Alumir | um alloy, Bell | ows: Stainless | steel 316L, N | lain part: Stair | nless steel, FK | M (Standard s | eal material) |
| Surface treatment | | | | External: H | lard anodized | Internal: Ra | aw material | | |
| Pilot pressure (MPa) (| G) | | | | 0.4 t | o 0.7 | | | |
| Pilot port size | XLA | N | 15 | | | Rc1/8 Rc1/4 | | | |
| Fliot port size | XLAV | | M5: Port 1(F | P), Port 3(R) | | R | Rc1/8: Port 1(P), M5: Port 3(R) | | |
| Weight (kg) | XLA | 0.25 | 0.45 | 1.1 | 1.6 | 2.9 | 5.0 | 10.6 | 18.5 |
| weigin (kg) | XLAV | 0.29 | 0.49 | 1.14 | 1.64 | 2.96 | 5.06 | 10.7 | 18.6 |

Note 1) Conductance is the value for an elbow with the same dimensions.

Note 2) For valve heater specifications, refer to "Common Option [1] Heater" on page 459.

Construction/Operation



<Working principle>

By applying the pilot pressure from the pilot port, the piston-coupled valve overcomes the spring force or operating force by pressure, and the valve opens.

For the XLAV, the pilot pressure is always applied to the port 1(P), and the valve opens when the solenoid valve is turned ON and closes when it is turned OFF.

<Options>

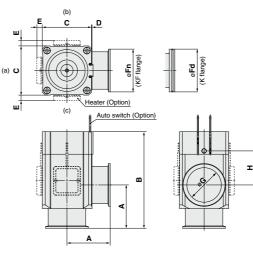
- Auto switch: The magnet activates the auto switch. With 2 auto switches, the open and closed positions are detected, and with 1 auto switch, either the open or closed position is detected. Auto switches are applicable at ordinary temperatures only (5 to 60°C).
 - Heater: Simple heating is performed using thermistors. The valve body can be heated to approximately 100 or 120°C, depending on the heater option and the valve size. The type and number of thermistors to be used will vary depending upon size and setting temperature. In the case of high temperature specifications, the bonnet assembly is a heat resistant structure. This does not apply in cases where a solenoid valve is attached.
 - Indicator: When the valve is open, an orange marker appears in the center of the name plate.



Aluminum High Vacuum Angle Valve XLA/XLAV Series

Dimensions

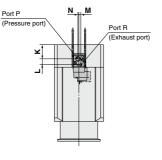
XLA/Air operated



| | | | | | | | | | (mm) |
|---------|-----|-----|-----|---|-----------|-----|-----|-----|------|
| Model | Α | В | С | D | E Note 1) | Fn | Fd | G | н |
| XLA-16 | 40 | 103 | 38 | 1 | - | 30 | - | 17 | 40 |
| XLA-25 | 50 | 113 | 48 | 1 | 12 | 40 | - | 26 | 39 |
| XLA-40 | 65 | 158 | 66 | 2 | 11 | 55 | - | 41 | 63 |
| XLA-50 | 70 | 170 | 79 | 2 | 11 | 75 | - | 52 | 68 |
| XLA-63 | 88 | 196 | 100 | 3 | 11 | 87 | 95 | 70 | 69 |
| XLA-80 | 90 | 235 | 117 | 3 | 11 | 114 | 110 | 83 | 96 |
| XLA-100 | 108 | 300 | 154 | 3 | 11 | 134 | 130 | 102 | 131 |
| XLA-160 | 138 | 315 | 200 | 3 | 11 | 190 | 180 | 153 | 112 |

Note 1) Dimension E applies when heater option is included. (Lead wire length: approx. 1 m) Note 2) (a), (b) and (c) in the above drawing indicate heater mounting positions. Moreover, heater mounting positions will differ depending on the type of heater. For further details, refer to mounting positions under "Replacement Heaters" on page 465.

XLAV/With solenoid valve



| | , , © | 2 | © | |
|---------|-----------|---|-------|---|
| | | | |] |
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| | | _ | | |
| | | | | |

SMC

J

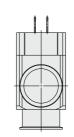
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in rete

| | | | | | (mm) |
|---------|------|------|------|-----|------|
| Model | J | к | L | М | Ν |
| XLAV-16 | 35.5 | 12.3 | 10.2 | 3.6 | 3.6 |
| XLAV-25 | 40.5 | 13.8 | 10.2 | 3.6 | 3.6 |
| XLAV-40 | 50.5 | 21.6 | 10.2 | 3.6 | 3.6 |
| XLAV-50 | 57 | 24.6 | 10.2 | 3.6 | 3.6 |

* Other dimensions are the same as the XLA.

* For details, consult your SMC sales representative.



| | XY |
|---|-----|
| | D-🗆 |
| | XSA |
| [| XVD |
| [| XGT |
| | CYV |
| | |

XLA

XL

XLDQ

| | | | | | (mm) |
|----------|-------|------|----|---|------|
| Model | J | к | L | М | N |
| XLAV-63 | 78.5 | 28.7 | 12 | 4 | 2 |
| XLAV-80 | 87 | 38.7 | 12 | 4 | 2 |
| XLAV-100 | 105.5 | 50.7 | 12 | 4 | 2 |
| XLAV-160 | 128.5 | 57.7 | 12 | 4 | 2 |

* Other dimensions are the same as the XLA.

* For details, consult your SMC sales representative.