

4V200 Series

Solenoid Valve, Air Piloted Valve



The way to automation

- Valve
- 4V100
- 4V200
- 4V300
- 4V400
- Manifold
- 3V1
- JEL
- JZF
- MVSD
- VF, VZ
- BM, PU, AM
- Diaphragm
- Coil
- 2V
- 2W
- 2W(Big)
- 2P
- 2L
- VX
- PU
- PU225
- 2Q
- JEL5404
- JEL6213
- Pulse
- JELJZF
- 4H
- TSV
- MPV
- 4HV
- HV, K
- 4R
- 4F
- MSV
- JM
- ASC, RE
- QE, QEA
- ST
- HSV



Ordering Code

| 4V | 2 | 10 | 08 | B | AC220V | W | F |
|--|-------------|--|----------------------|---|--|---|----------|
| Specification | Series Code | Coil and Type | Port size | Connection and Initial Status | Standard Voltage | Wiring | Joint |
| 4V: 5/2 (3) way solenoid valve 4A: 5/2 (3) way air pilot valve 3V: 3/2 way solenoid valve 3A: 3/2 way air pilot valve | 200 Series | 10: Single coil 20: Double coil 30C: Mid-position closed 30E: Mid-position vented 30P: Mid-position open | 06: 1/8" 08: 1/4" | Blank: Threaded B: Sub-plated mounted (for 5/2; 5/3 way only) NC: 3/2 way normally closed NO: 3/2 way Normally open | DC12V DC24V AC24V 50Hz/60Hz AC110V 50Hz/60Hz AC220V 50Hz/60Hz AC380V 50Hz/60Hz | Blank: Without light indicator LD: Brown with light indicator LD1: White with light indicator W: Lead wire | 1 F-20 F |

Specification

| Model | 4V210-06 | 4V220-06 | 4V230C-06 | 4V230E-06 | 4V230P-06 | 4V210-08 | 4V220-08 | 4V230C-08 | 4V230E-08 | 4V230P-08 |
|------------------------------|--------------------------------------|----------|------------------------------|-----------|-----------|--------------------------------------|----------|------------------------------|-----------|-----------|
| Valve Type | 5/2 way | | 5/3 way | | | 5/2 way | | 5/3 way | | |
| Effective Cross Section Area | 14 mm ² (CV=0.78) | | 12 mm ² (CV=0.67) | | | 16 mm ² (CV=0.89) | | 12 mm ² (CV=0.67) | | |
| Model | 3V210-06 | 3V220-06 | 3A210-06 | 3A220-06 | | 3V210-08 | 3V220-08 | 3A210-08 | 3A220-08 | |
| Valve Type | 3/2 way | | | | | | | | | |
| Effective Cross Section Area | 14 mm ² (CV = 0.78) | | | | | 16 mm ² (CV = 0.89) | | | | |
| Port Size | Inlet, Outlet, Exhaust Port = G 1/8" | | | | | Inlet, Outlet, Exhaust Port = G 1/8" | | | | |
| Working Medium | 40 Micron Filtered Air | | | | | | | | | |
| Operation | Internal piloted | | | | | | | | | |
| Working-pressure | 0.15 ~ 0.8 MPa | | | | | | | | | |
| Max. Test Pressure | 1.2 MPa | | | | | | | | | |
| Ambient Temperature | 5 ~ 50 °C | | | | | | | | | |
| Operating Voltage Tolerance | ± 10% | | | | | | | | | |
| Power Consumption | AC: 5.5 VA DC: 4.8 W | | | | | | | | | |
| Connector Protection | F Class, IP 65 | | | | | | | | | |
| Wiring / Connector | Cable / Lead Wire or DIN Connector | | | | | | | | | |
| Switching Frequency | 5 Cycles / Sec. | | | | | | | | | |
| Response Time | 0.05 Sec. | | | | | | | | | |

Overall Dimension

Valve

4V100

4V200

4V300

4V400

Manifold

3V1

JEL

JZF

MVSD

VF, VZ

BM, PU, AM

Diaphragm

Coil

2V

2W

2W(Big)

2P

2L

VX

PU

PU225

2Q

JEL5404

JEL6213

Pulse

JEL, JZF

4H

TSV86

MPV

4HV

HV, K

4R

4F

MSV

JM

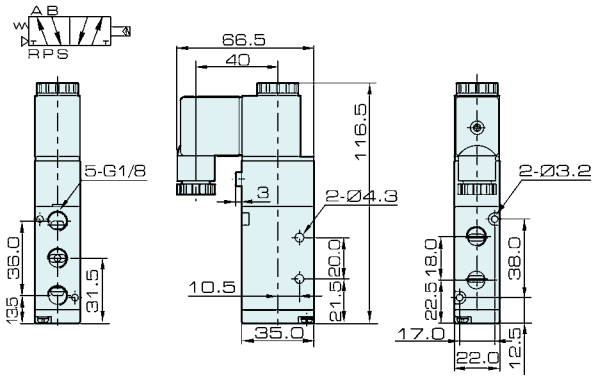
ASC, RE

QE, QEA

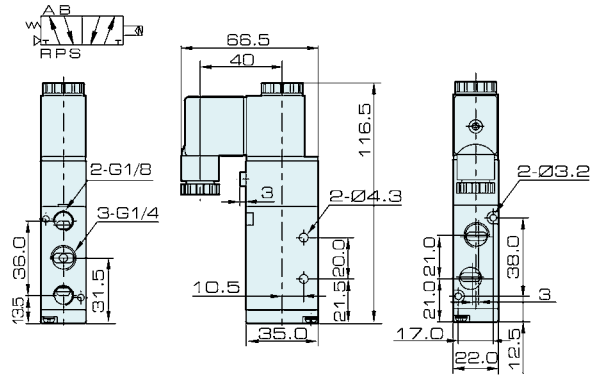
ST

HSV

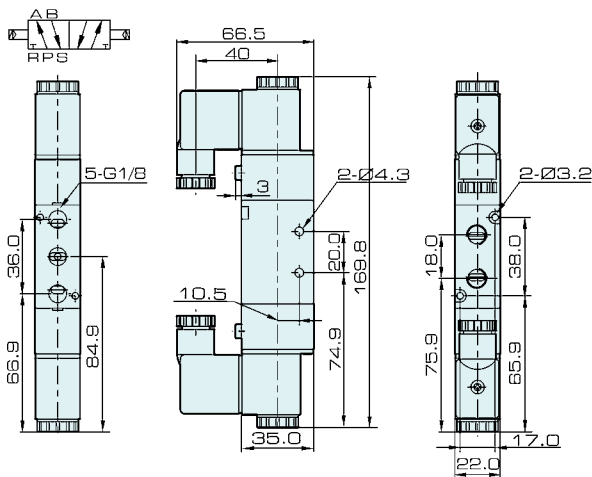
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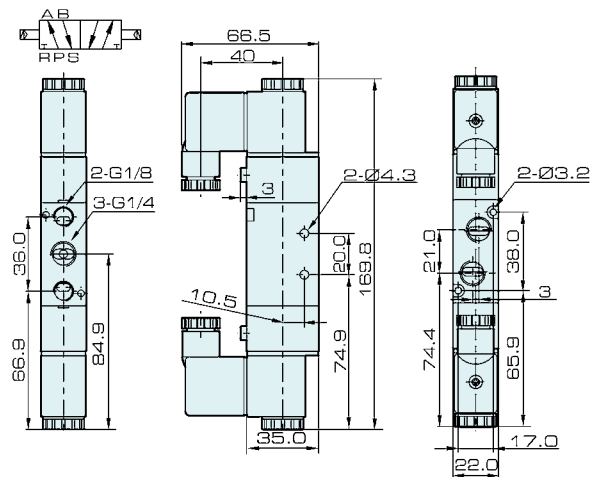
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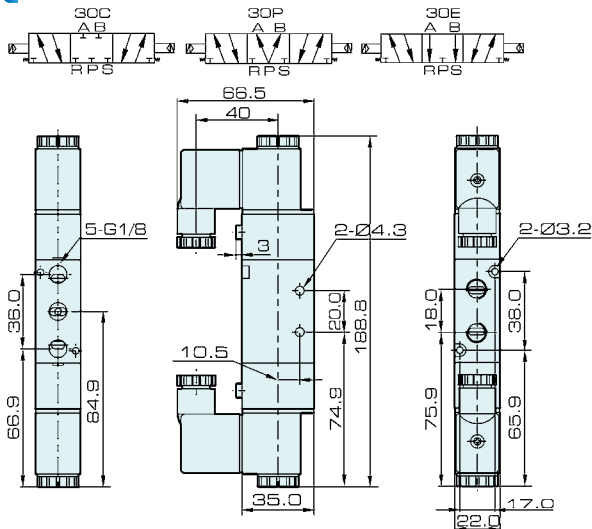
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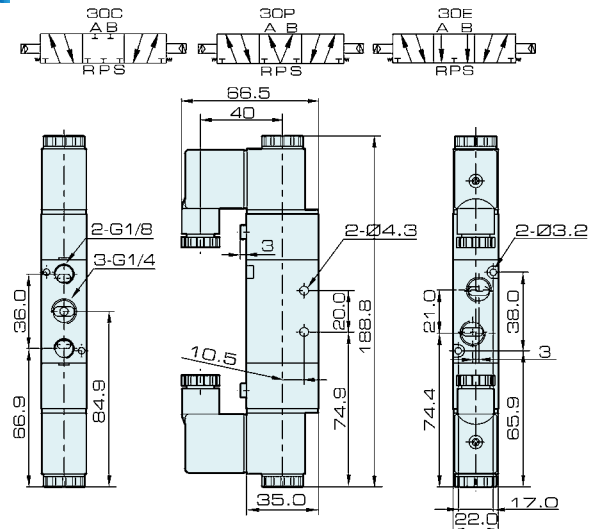
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4V230-06



4V230-08



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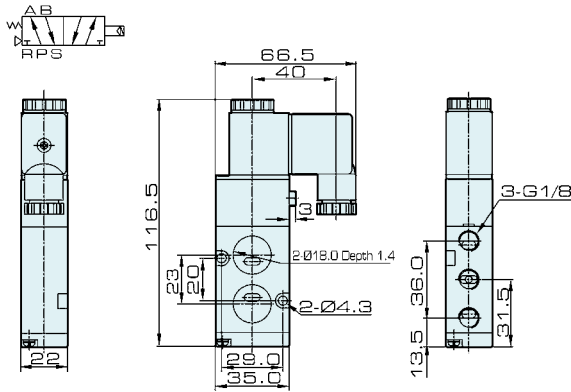


The way to automation

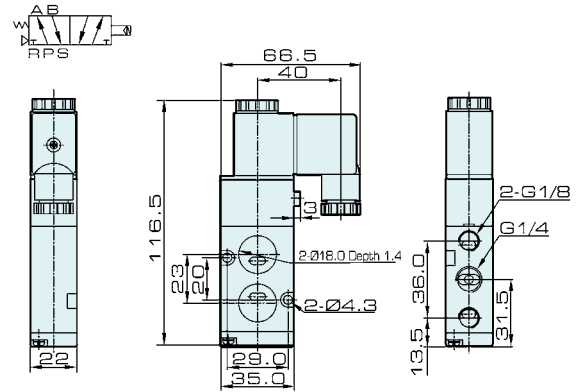
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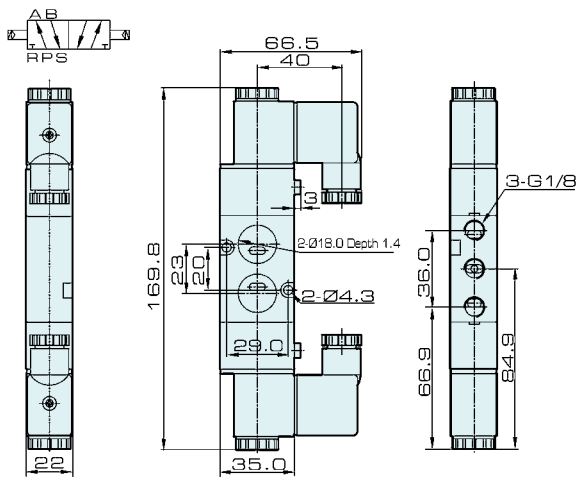
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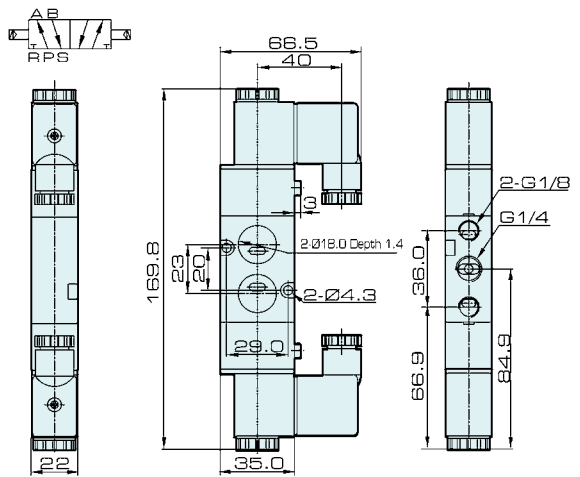
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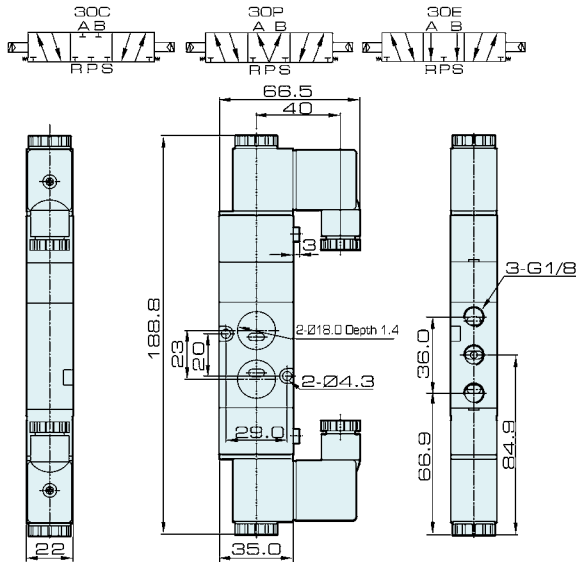
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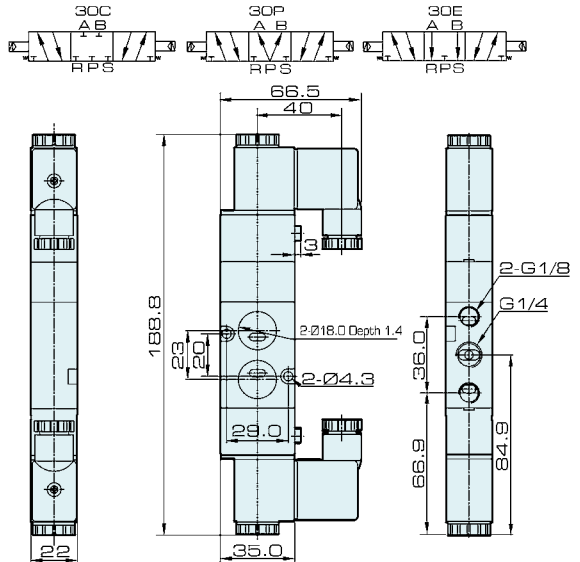
4V220-08B



4V230-06B



4V230-08B



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JEL, JZF

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TSV86

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4HV

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MSV

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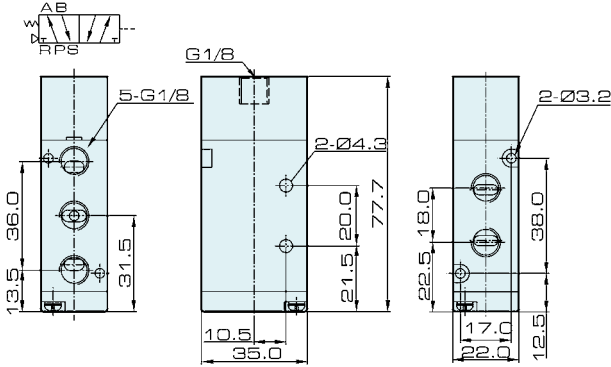
ASC, RE

QE, QEA

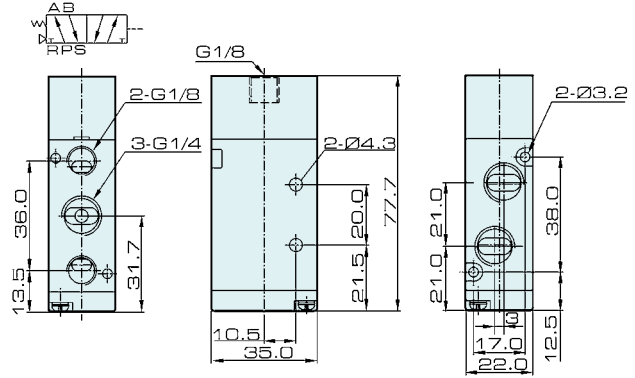
ST

HSV

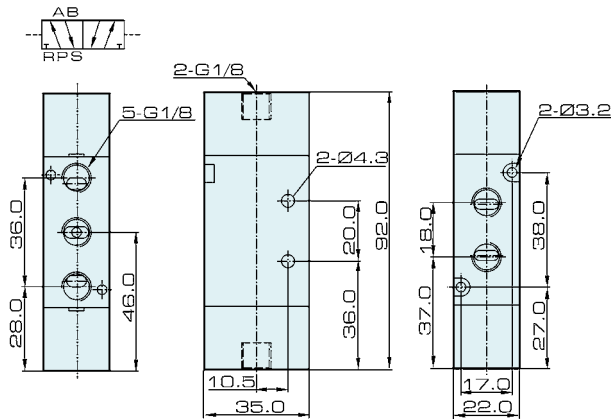
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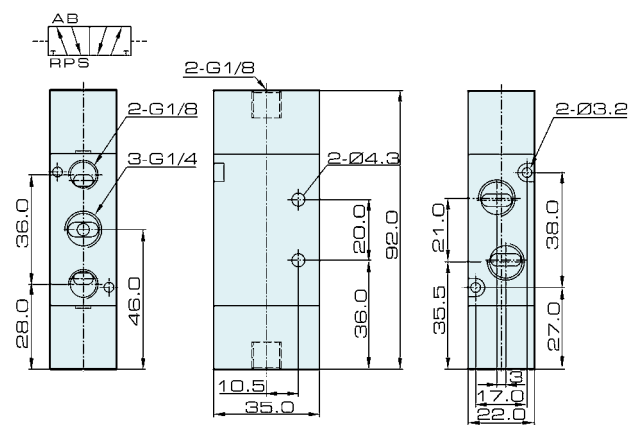
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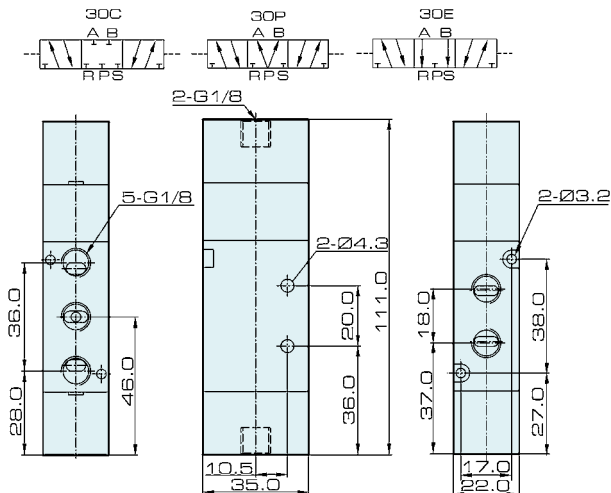
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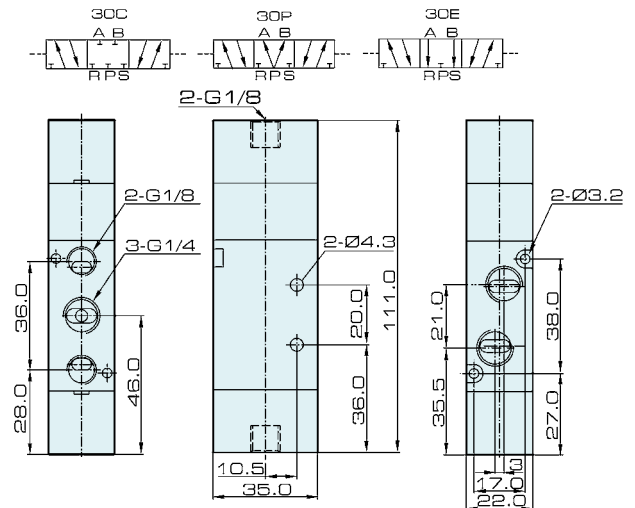
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4A230-06



4A230-08



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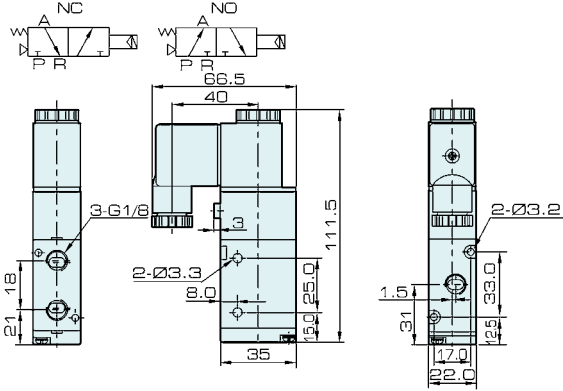


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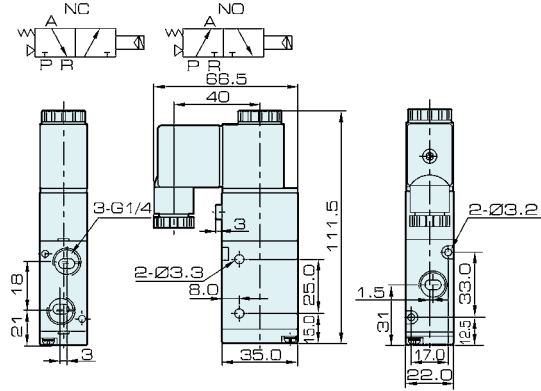
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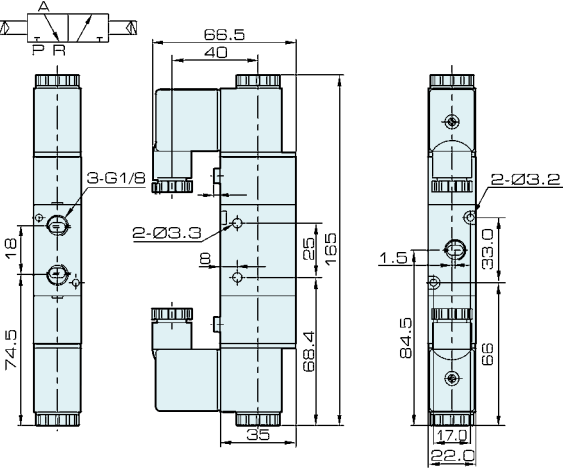
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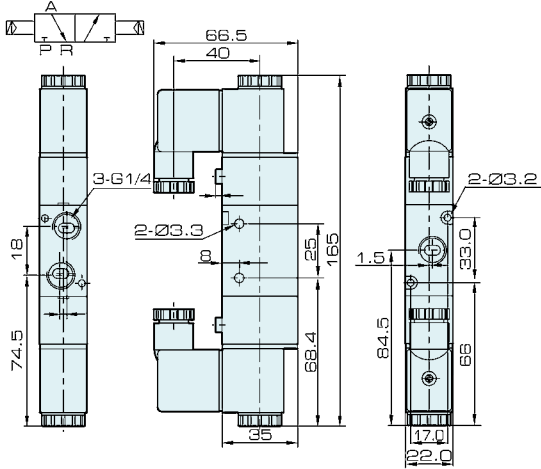
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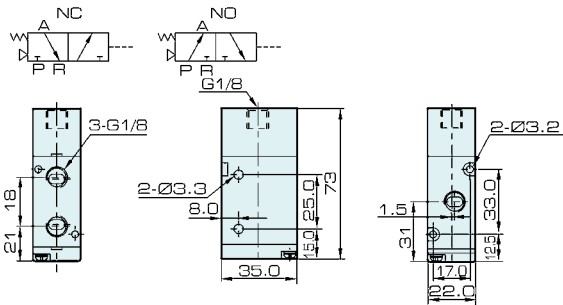
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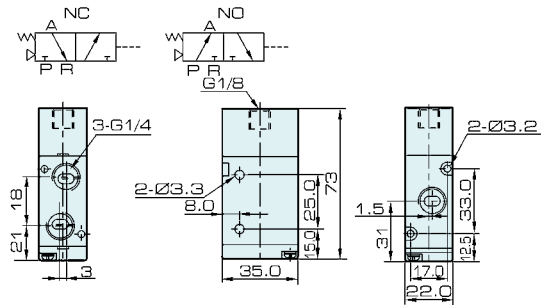
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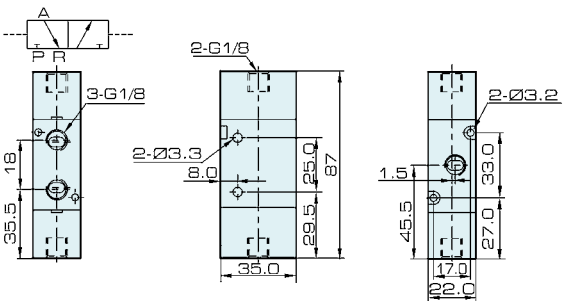
3A210-06



3A210-08



3A220-06



3A220-08

