

M10, M16 series

Feature

- ▶ Bearing bush type level compensator (low friction)
- ► Light weight and durability design (long life-time)
- ▶ Extend compatibility with multiple connectors

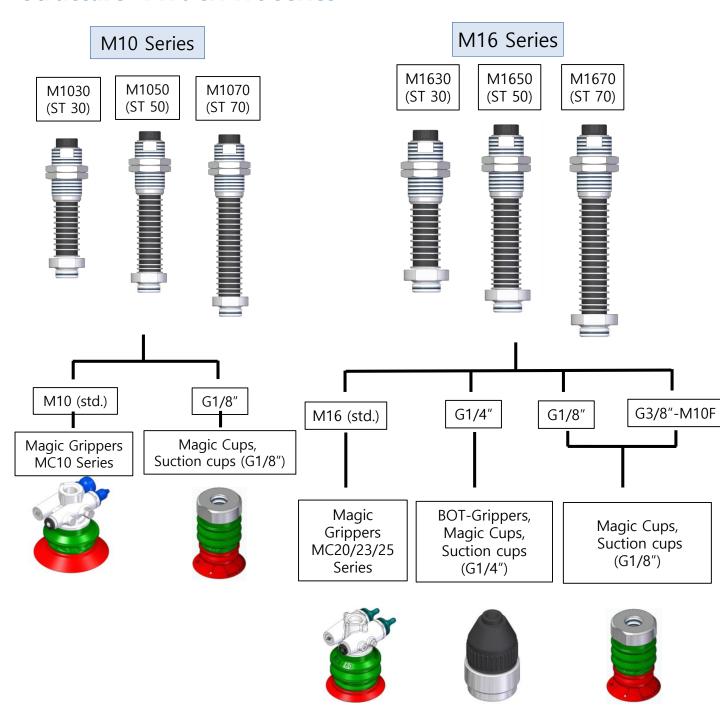
Specification

| Model | Stroke (mm) | Weight (g) | Material |
|--------------|-------------|------------|-----------------|
| M1030 | 30 | 90 | AL, SS, BS, SUM |
| M1030-18M | 30 | 86.54 | AL, SS, BS, SUM |
| M1050 | 50 | 99.3 | AL, SS, BS, SUM |
| M1050-18M | 50 | 95.84 | AL, SS, BS, SUM |
| M1070 | 70 | 108.58 | AL, SS, BS, SUM |
| M1070-18M | 70 | 105.12 | AL, SS, BS, SUM |
| M1630 | 30 | 200.62 | AL, SS, BS, SUM |
| M1630-18M | 30 | 191.15 | AL, SS, BS, SUM |
| M1630-14M | 30 | 193.52 | AL, SS, BS, SUM |
| M1630-38M10F | 30 | 198.06 | AL, SS, BS, SUM |
| M1650 | 50 | 213.66 | AL, SS, BS, SUM |
| M1650-18M | 50 | 204.19 | AL, SS, BS, SUM |
| M1650-14M | 50 | 206.56 | AL, SS, BS, SUM |
| M1650-38M10F | 50 | 211.1 | AL, SS, BS, SUM |
| M1670 | 70 | 225.86 | AL, SS, BS, SUM |
| M1670-18M | 70 | 216.39 | AL, SS, BS, SUM |
| M1670-14M | 70 | 218.76 | AL, SS, BS, SUM |
| M1670-38M10F | 70 | 223.3 | AL, SS, BS, SUM |



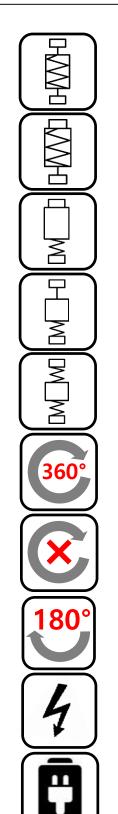


Structure - M10 & M16 series





Dimensions - Basic Pump



Vacuum port – Non fixed type Spring – Inner type

Vacuum port – Fixed type Spring – Inner type

Vacuum port – Fixed type Spring – Outer type

Vacuum port – Non fixed type Spring – Outer type

Vacuum port – Non fixed type Spring – Outer type

Rotating level compensator

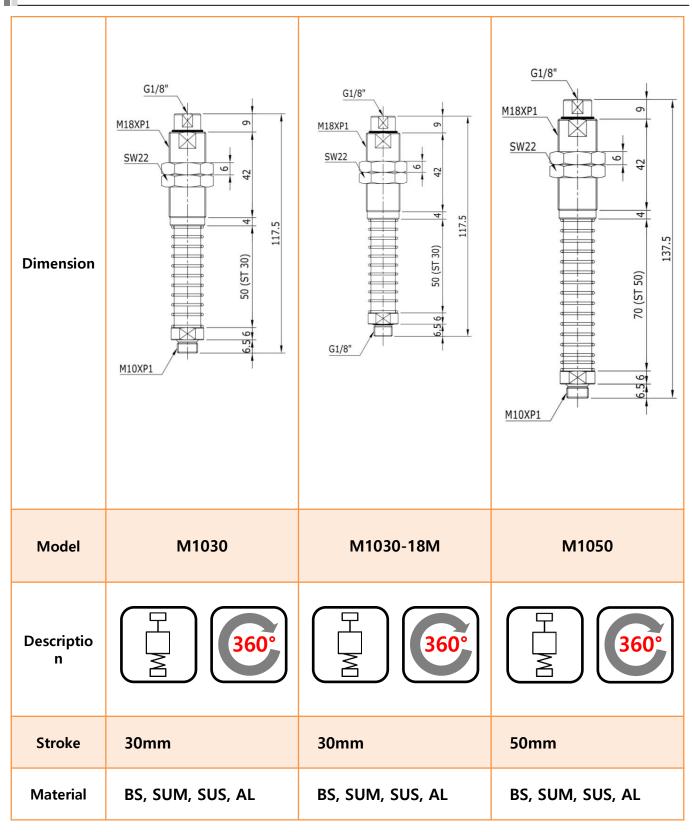
Non-Rotating level compensator

180° Rotating level compensator

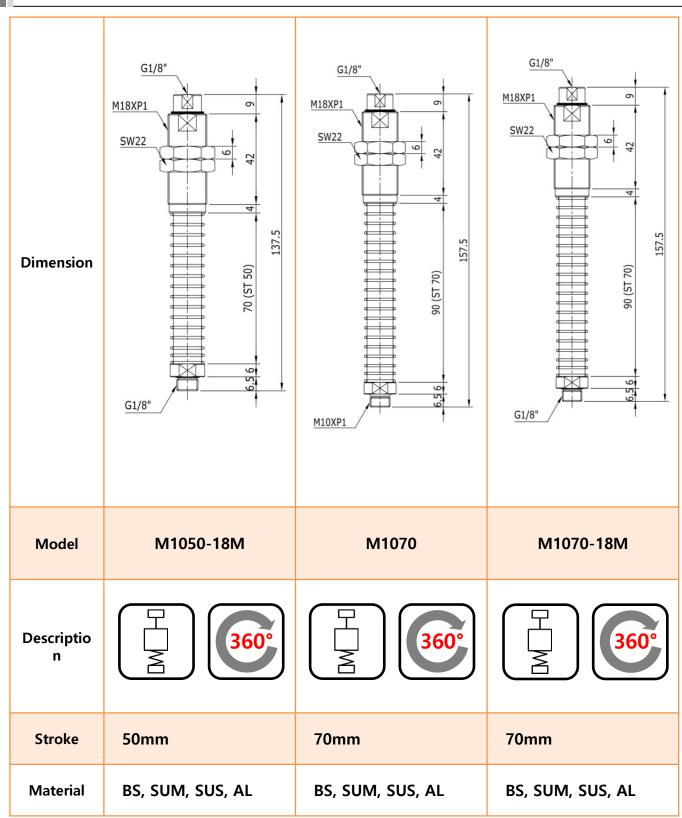
Energization specification

Possible secondary cell & semiconductor

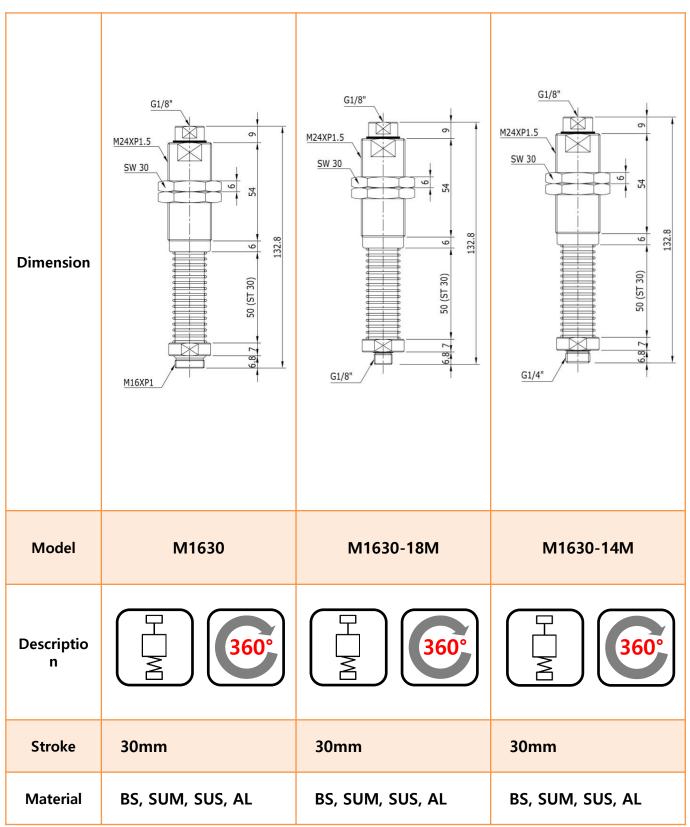




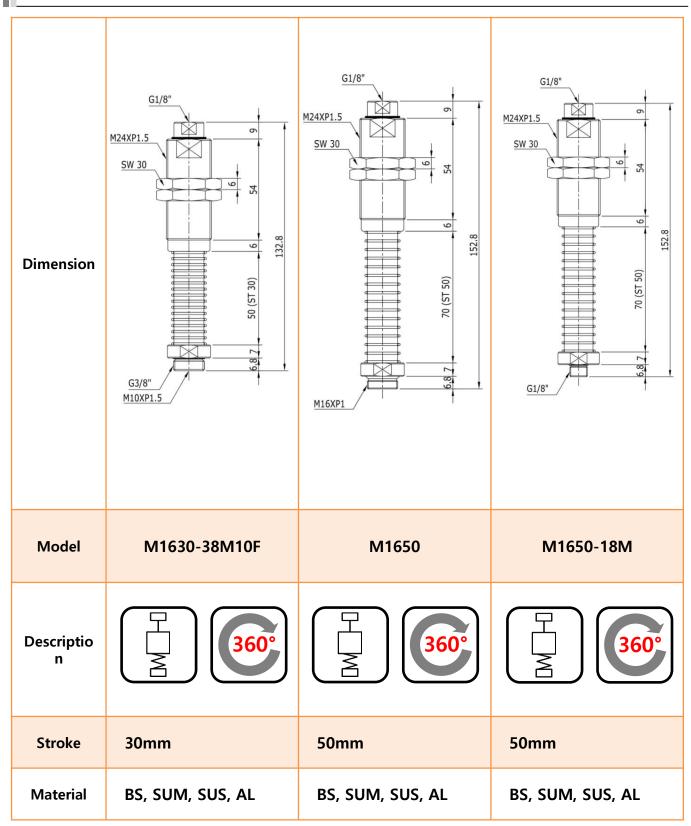






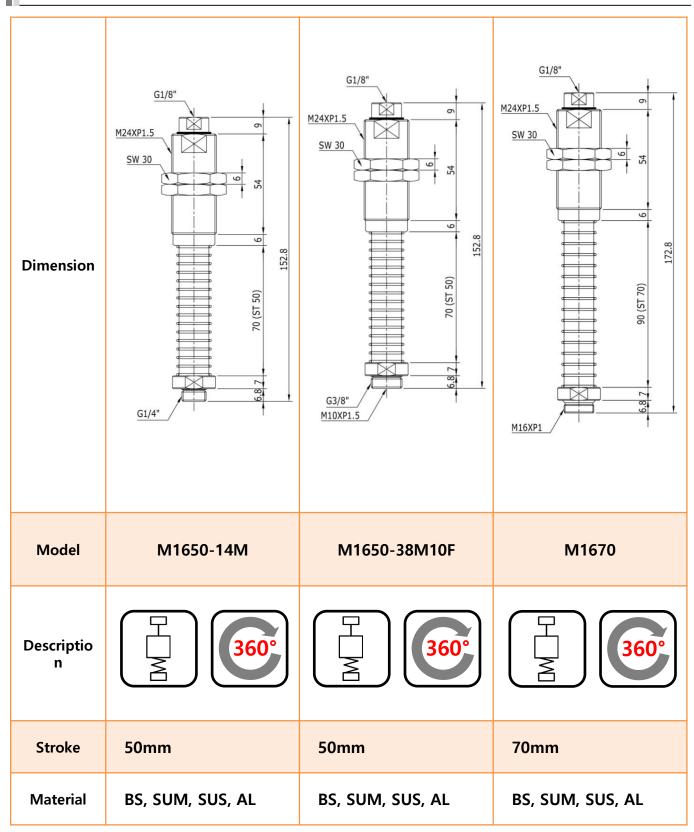




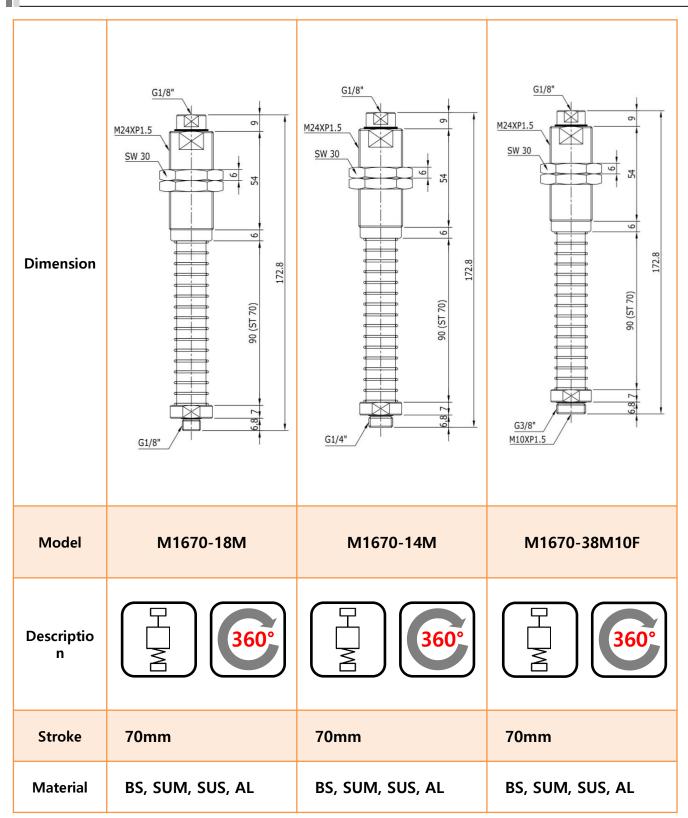








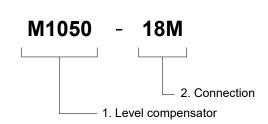






Build an Ordering No.

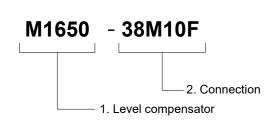




| 1. Level compensator | Description | Symbol |
|----------------------|---|--------|
| | Level compensator M10 series, 30mm stroke | M1030 |
| | Level compensator M10 series, 50mm stroke | M1050 |
| | Level compensator M10 series, 70mm stroke | M1070 |

| 2. Connection | Description | Symbol |
|---------------|--|--------|
| | Connection – Fitting for Magic gripper MC10 series | Blank |
| | Connection – Fitting G1/8" male | 18M |





| 1. Level compensator | Description | Symbol |
|----------------------|---|--------|
| | Level compensator M16 series, 30mm stroke | M1630 |
| | Level compensator M16 series, 50mm stroke | M1650 |
| | Level compensator M16 series, 70mm stroke | M1670 |

| 2. Connection | Description | Symbol |
|---------------------------------|--|--------|
| | Connection – Fitting for magic gripper MC20, 23, 25 series | Blank |
| | Connection – Fitting G1/8" male | 18M |
| Connection – Fitting G1/4" male | | 14M |
| | Connection – Fitting G3/8" male, M10 female | 38M10F |

