

Clean Room Hand ZCC Series

Compact Guide Rod Cylinder with Built-In 2 Guide Rods

Key Features

- **Position confirmation sensor can be mounted**
LED non-contact switch for large load open & close capacity. The switch can be mounted on the top and bottom of the body
- **Rail slots for wires and pipes**
Multiple cables & pipes can be lined in the rail slot
- **Front and back urethane dampers as standard**
Impact absorber at the front and back-end



ZCC-20A

Clean packaging is not available

How To Order

Standard ----- **ZCC-20A**

Option ----- **ZCC - 20A - 20 - ET3S2 - Z** ----- ZCC-20A (20mm Stroke) with 2 of ET3 non-contact reed switches and special processing

Clean Room & Special Type

| Size | |
|--------|--|
| Symbol | |
| 20A | |
| 25A | |
| | |
| | |
| | |

| Stroke | | |
|--------|---------------|--|
| Symbol | Specification | |
| 20 | 20mm | |
| 30 | 30mm | |
| 40 | 40mm | |
| 50 | 50mm | |
| 75 | 75mm | |
| 100 | 100mm | |

| Sensor, Quantity | | | |
|------------------|--------------------|--------|----------------|
| Symbol | Name | Symbol | Name |
| ET3 | Non-Contact 3-Lead | E25 | Contact 2-Lead |
| ET3L | Non-Contact 3-Lead | E25L | Contact 2-Lead |
| ET2 | Non-Contact 2-Lead | S1 | 1 Sensor |
| ET2L | Non-Contact 2-Lead | S2 | 2 Sensors |
| E24 | Contact 2-Lead | | |
| E24L | Contact 2-Lead | | |

| Option | |
|--------|-----------------------|
| Symbol | Name |
| Z | Special Type (Custom) |
| | |
| | |
| | |
| | |

For sensor detail ▶277p

For option detail ▶36p

Specification

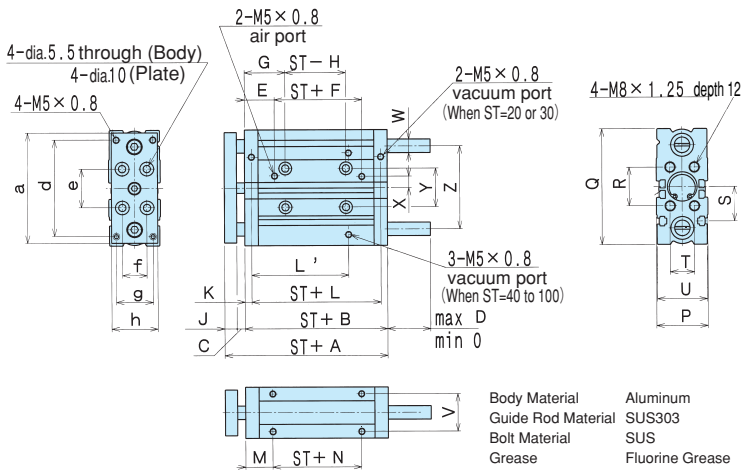
| Model | | ZCC-20A | ZCC-25A |
|--------------------------|--------|---|--------------|
| Working Pressure | | Pneumatic: 0.2 to 0.7MPa | |
| Lubrication | | Not Required or Turbine Oil Class 1 (ISOVG32) | |
| Ambient Temperature (°C) | | 5 to 60 | |
| Operating Piston Speed | | 50 to 500mm/s | |
| Cylinder Diameter (mm) | | dia.20 | dia.25 |
| Rod Diameter (mm) | | dia.8 | dia.10 |
| Total Jaw Stroke (mm) | | 20·30·40·50·75·100 | |
| Theoretical Thrust (N) | | Advance | 310P |
| | | Return | 260P |
| Weight (kg) | Stroke | 20·30 | 0.41+0.007st |
| | | 40·50· | 0.51+0.007st |
| | | 75·100 | |

Layout Drawing

For CAD data, please go to [▶518P](#)

■ ZCC-20A · 25A (Thrust 130N · 205N)

ZCC-□□A Standard



Please contact us if you use the product under special environment

| Model | ST | A | B | C | D | E | F | G | H | J | K | L | L' | M | N | P | Q |
|---------|-----------------|----|----|---|----|----|----|----|---|----|---|----|----|----|----|----|----|
| ZCC-20A | 20, 30 | 68 | 56 | 3 | 0 | 22 | 15 | 30 | 5 | 9 | 5 | 46 | - | 20 | 16 | 38 | 86 |
| | 40, 50, 75, 100 | 58 | 46 | 3 | 32 | 22 | 15 | 30 | 5 | 9 | 5 | - | 67 | 20 | 16 | 38 | 86 |
| ZCC-25A | 20, 30 | 73 | 58 | 3 | 0 | 22 | 16 | 32 | 6 | 12 | 5 | 48 | - | 20 | 18 | 42 | 92 |
| | 40, 50, 75, 100 | 63 | 48 | 3 | 36 | 22 | 16 | 32 | 6 | 12 | 5 | - | 73 | 20 | 18 | 42 | 92 |

| Model | ST | R | S | T | U | V | W | X | Y | Z | a | d | e | f | g | h |
|---------|-----------------|----|----|----|----|----|--------|-----|----|----|----|----|----|----|----|----|
| ZCC-20A | 20, 30 | 29 | 26 | 18 | 37 | 28 | dia.10 | 8.5 | 29 | 62 | 82 | 72 | 29 | 18 | 27 | 34 |
| | 40, 50, 75, 100 | 29 | 26 | 18 | 37 | 28 | dia.10 | 8.5 | 29 | 62 | 82 | 72 | 29 | 18 | 27 | 34 |
| ZCC-25A | 20, 30 | 34 | 29 | 22 | 41 | 29 | dia.12 | 11 | 34 | 65 | 88 | 76 | 34 | 22 | 26 | 38 |
| | 40, 50, 75, 100 | 34 | 29 | 22 | 41 | 29 | dia.12 | 11 | 34 | 65 | 88 | 76 | 34 | 22 | 26 | 38 |