

Magnetically Coupled Rodless Cylinder: Basic Type

Series **CY3B**

ø6, ø10 ø15, ø20 ø25, ø32, ø40, ø50, ø63

How to Order

Basic type

CY3B **25** **300**

Basic type

Bore size

| | |
|----|-------|
| 6 | 6 mm |
| 10 | 10 mm |
| 15 | 15 mm |
| 20 | 20 mm |
| 25 | 25 mm |
| 32 | 32 mm |
| 40 | 40 mm |
| 50 | 50 mm |
| 63 | 63 mm |

Standard stroke

Refer to the standard stroke table shown below.

Port thread type

| Symbol | Type | Bore size |
|--------|----------|----------------|
| Nil | M thread | 6, 10, 15 |
| | Rc | 20, 25, 32, 40 |
| TN | NPT | |
| TF | G | 50, 63 |

Standard Stroke

| Bore size (mm) | Standard stroke (mm) | Maximum available stroke (mm) |
|----------------|---|-------------------------------|
| 6 | 50, 100, 150, 200 | 300 |
| 10 | 50, 100, 150, 200, 250, 300 | 500 |
| 15 | 50, 100, 150, 200, 250, 300, 350, 400, 450, 500 | 1000 |
| 20 | 100, 150, 200, 250, 300, 350, 400, 450, 500, 600, 700, 800 | 1500 |
| 25 | | 3000 |
| 32 | 100, 150, 200, 250, 300, 350, 400, 450, 500, 600, 700, 800, 900, 1000 | 3000 |
| 40 | | 5000 |
| 50 | 100, 150, 200, 250, 300, 350, 400, 450, 500, 600, 700, 800, 900, 1000 | 3000 |
| 63 | | 5000 |

Note 1) Long stroke specification (XB11) applies to the strokes exceeding 2000 mm. (Refer to page 25.)

Note 2) The longer the stroke, the larger the amount of deflection in a cylinder tube. Pay attention to the mounting bracket and clearance value.

Magnetic Holding Force

| Bore size (mm) | 6 | 10 | 15 | 20 | 25 | 32 | 40 | 50 | 63 |
|-------------------|------|------|-----|-----|-----|-----|-----|------|------|
| Holding force (N) | 19.6 | 53.9 | 137 | 231 | 363 | 588 | 922 | 1471 | 2256 |