

CA2 Series Standard Cylinder



CA2B 40 x 100

Ordering Code

CA2

40

×

100

Series Code

CA2B: Normal Type
CDA2B: Attach Magnet Type

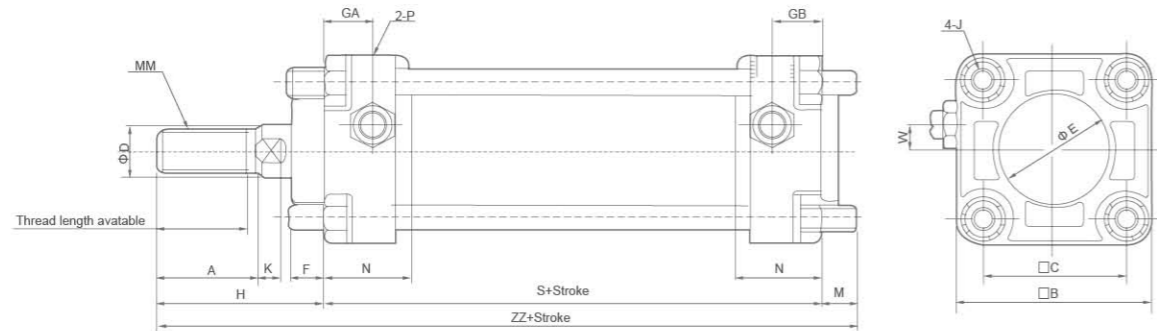
Cylinder Bore
40mm-100mm

Stroke

Specification

| | | | | | |
|--------------------------------|----------------------------------|------------------------------------|---------------------------------------|---------------------------|-------|
| Bore(mm) | 40 | 50 | 63 | 80 | 100 |
| Working Medium | Air | | | | |
| Motion Pattern | Double action Type | | | | |
| Ensured Pressure Resistance | 15.3kgf/cm ² (1.5Mpa) | | | | |
| Max.pressure | 10.2kgf/cm ² (1.0Mpa) | | | | |
| Min.pressure | 0.5kgf/cm ² (0.05Mpa) | | | | |
| Operating Temperature Range °C | 5~+60 °C | | | | |
| Operating Speed Range | 50~500mm/s | | | | |
| Buffering | Air buffering | | | | |
| Margin of Stroke Error(mm) | | ~0~250 ⁺¹⁰ ₀ | 251~1000 ^{+1.4} ₀ | 1001~1500 ^{+1.8} | |
| Port size | G1/4" | G3/8" | G3/8" | G1/2" | G1/2" |

Overall Dimensions



Dimension Sheet

| Bore/Symbol | Stroke range | Thread Length Available | A | □B | □C | ΦD | ΦE | F | GA | GB | J | K | M | MM | N | P | S | W | H | ZZ |
|-------------|--------------|-------------------------|----|-----|----|----|----|----|----|----|----------|----|----|---------|----|-----|-----|---|----|-----|
| 40 | ~500 | 27 | 30 | 60 | 44 | 16 | 32 | 10 | 15 | 15 | M8×1.25 | 6 | 11 | M14×1.5 | 27 | 1/4 | 84 | 8 | 51 | 146 |
| 50 | ~600 | 32 | 35 | 70 | 52 | 20 | 40 | 10 | 17 | 17 | M8×1.25 | 7 | 11 | M18×1.5 | 27 | 3/8 | 90 | 0 | 58 | 159 |
| 63 | ~600 | 32 | 35 | 85 | 64 | 20 | 40 | 10 | 17 | 17 | M10×1.25 | 7 | 14 | M18×1.5 | 31 | 3/8 | 98 | 0 | 58 | 170 |
| 80 | ~750 | 37 | 40 | 102 | 78 | 25 | 52 | 14 | 21 | 21 | M12×1.75 | 11 | 17 | M22×1.5 | 37 | 1/2 | 116 | 0 | 71 | 204 |
| 100 | ~750 | 37 | 40 | 116 | 92 | 30 | 52 | 14 | 21 | 21 | M12×1.75 | 11 | 17 | M26×1.5 | 40 | 1/2 | 126 | 0 | 72 | 215 |

XEN/XENG Series Guide Units



XEN 25-100-GF



XENG 40-100-GF

Ordering Code

XENG

50

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100

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GF

Series Code

XEN: Guided Unit for ISO 6432
XENG: Guided Unit for ISO 15552

Bore

XEN: 8mm~25mm
XENG: 32mm~100mm

Stroke

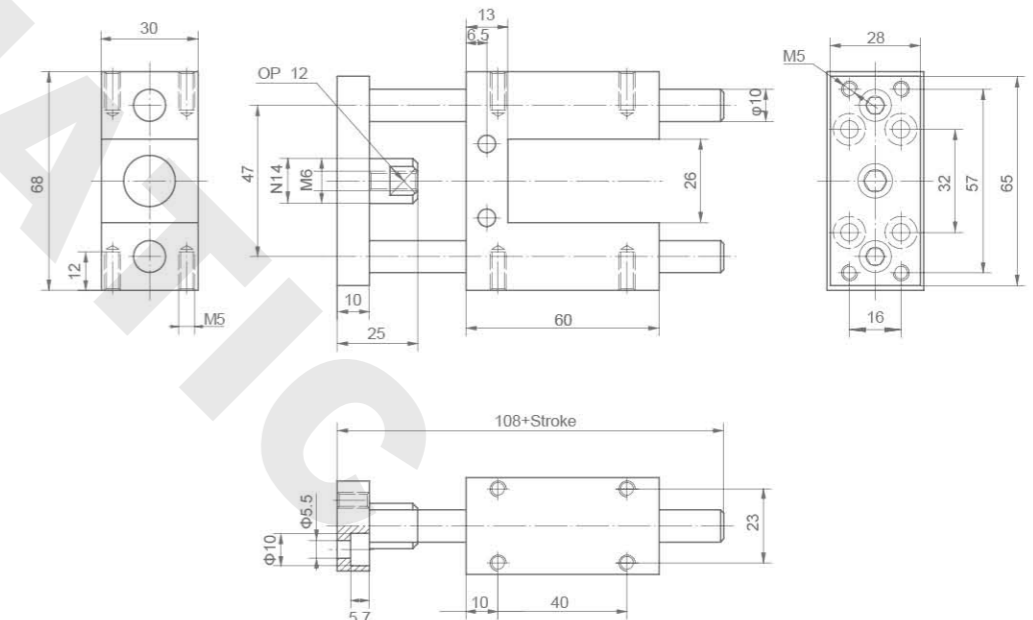
Guide

GF: Plain-bearing Guide
KF: Recirculating Ball Bearing Guide

Specification

| Model | XEN-... | | | | XENG-... | | | | | |
|-----------------------------|---------------------|-----------|-----------|----|-----------|----|----|----|----|-----|
| Bore Φ | 8/10 | 12/16 | 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 |
| Stroke(mm) | 1 ... 100 | 1 ... 200 | 1 ... 250 | | 1 ... 500 | | | | | |
| Guide | Plain-bearing Guide | | | | | | | | | |
| Installation | Recirculating Ball | | | | | | | | | |
| Installation position | Any | | | | | | | | | |
| Operating Range Temperature | -20~+80 °C | | | | | | | | | |

Overall Dimensions



XEN12-16

