

Made to Order Common Specifications: -XB11: Long Stroke Type



7 Long Stroke Type

Symbol
-XB11

Stroke which exceeds the standard stroke length

Applicable Series

| Series | Description | Model | Type | Note | Vol. no. (for std model) |
|-------------|--|----------------------|---------------------------|---|--------------------------|
| CX2 | Slide unit | CX2 | Slide bearing type | | Web Catalog |
| CXW | Slide unit | CXWM | Slide bearing type | | |
| | | CXWL | Ball bushing bearing type | | |
| CXSJ | | CXSJ | Standard type | Except ø6, Axial type | |
| CXS | Dual rod cylinder | CXS ^{Note)} | Standard type | | |
| | | CXSW | Double rod type | | |
| | | CY3B | Basic type | | |
| CY | Magnetically coupled rodless cylinder | CY1H | Linear guide type | | |
| | | CY1F | Low profile guide type | | |
| ML1 | Hy-rodless cylinder | ML1C | Cam follower guide type | | |
| REA | Sine rodless cylinder | REA | Basic type | | |
| RSQ | Stopper cylinder/ Fixed mounting height | RSQ-Z | Double acting | Round bar type only ø12, Round bar type only | |

Note) The product with air cushion or with end lock for retraction side is available as a special order.

How to Order

Standard model no. **-XB11**

• Long stroke type

* Enter a symbol for stroke required.

Specifications: Same as standard type

* Refer to page 1459 for specifications and dimensions of the RSQ.

Stroke Range

| Model | Bore size (mm) | Standard stroke (mm) | Long stroke (mm) |
|--------------|--------------------|-----------------------------|--|
| CY3B | 25, 32, 40, 50, 63 | 100 to 1000 | 2001 to 3000 (ø25 to ø40) 2001 to 5000 (ø50, ø63) |
| CY1H | 10 | 100 to 300 | 301 to 500 |
| | 15 | 100 to 500 | 501 to 750 |
| | 20 | 100 to 600 | 601 to 1000 |
| | 25 | 100 to 800 | 801 to 1200 |
| CY1HT | 25 | 100 to 1000 | 1001 to 1200 |
| | 32 | | 1001 to 1500 |
| CX2 | 15, 25 | 25 to 200 | 225, 250, 275, 300 |
| CXWM | 16, 20, 25, 32 | 25 to 200 | 225, 250, 275, 300 (CXWM16 to 25) |
| | | | 225, 250 (CXWM32) |
| | | | 225, 250, 275 (CXWL16 to 25) 225 (CXWL32) |
| CXWL | | | |
| Model | Bore size (mm) | Standard stroke (mm) | Long stroke (mm) |
| CXSJ | 10 | 10 to 75 | 80, 90, 100, 110, 120, 125, 150 |
| | 15 | 10 to 100 | 110, 120, 125, 150 |
| | 20, 25, 32 | 10 to 100 | 110, 120, 125, 150, 175, 200 |
| CXS | 10 | 10 to 75 | 80, 90, 100, 110, 120, 125, 150 |
| | 15 | 10 to 100 | 110, 120, 125, 150 |
| | 20, 25, 32 | 10 to 100 | 110, 120, 125, 150, 175, 200 |
| CXSW | 10, 15 | 10, 20, 30, 40, 50 | 75, 100, 125, 150 |
| | 20, 25, 32 | 10, 20, 30, 40, 50, 75, 100 | 125, 150, 175, 200 |
| ML1 | 25, 32, 40 | 100 to 1000 | 1001 to 2000 |
| REA | 25, 32, 40, 50, 63 | 200 to 1000 | 2001 to 3000 (ø25, ø32, ø40) 2001 to 5000 (ø50, ø63) |
| RSQ | 12 | 10 | 15, 20 |
| RSQ-Z | 16 | 10, 15 | 20, 30 |
| | 20, 32 | 10, 15, 20 | 30, 40 |
| | 40, 50 | 20, 25, 30 | 40, 50 |

Made to Order Common Specifications: -XB11: Long Stroke Type

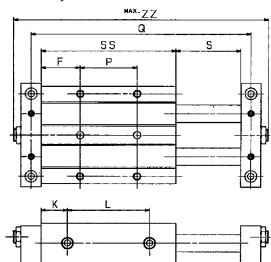


7 Long Stroke Type

Symbol
-XB11

Dimensions

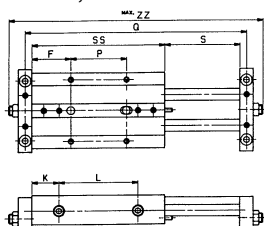
CX2 series: $\phi 15, \phi 25$



| Model | F | L | K | P | Q | S | SS | Z | ZZ |
|------------|-------|-----|------|----|-----|-----|-----|-----|-----|
| CX2N15-225 | 89.5 | 238 | 15.5 | 90 | 506 | 227 | 269 | 496 | 528 |
| CX2N15-250 | 102 | 263 | 15.5 | 90 | 556 | 252 | 294 | 546 | 578 |
| CX2N15-275 | 114.5 | 288 | 15.5 | 90 | 606 | 277 | 319 | 596 | 628 |
| CX2N15-300 | 127 | 313 | 15.5 | 90 | 656 | 302 | 344 | 646 | 678 |

| Model | F | L | K | P | Q | S | SS | Z | ZZ |
|------------|-------|-----|------|----|-----|-----|-----|-----|-----|
| CX2N25-225 | 96 | 241 | 20.5 | 90 | 525 | 227 | 282 | 509 | 553 |
| CX2N25-250 | 108.5 | 266 | 20.5 | 90 | 575 | 252 | 307 | 559 | 603 |
| CX2N25-275 | 121 | 291 | 20.5 | 90 | 625 | 277 | 332 | 609 | 653 |
| CX2N25-300 | 133.5 | 316 | 20.5 | 90 | 675 | 302 | 357 | 659 | 703 |

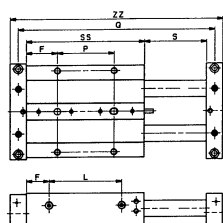
CXWM series: $\phi 16, \phi 25$



| Model | F | L | K | P | Q | S | SS | Z | ZZ |
|------------|-------|-----|------|----|-----|-----|-----|-----|-----|
| CXWM16-225 | 92.5 | 238 | 18.5 | 90 | 514 | 227 | 275 | 502 | 538 |
| CXWM16-250 | 105 | 263 | 18.5 | 90 | 564 | 252 | 300 | 552 | 588 |
| CXWM16-275 | 117.5 | 288 | 18.5 | 90 | 614 | 277 | 325 | 602 | 638 |
| CXWM16-300 | 130 | 313 | 18.5 | 90 | 664 | 302 | 350 | 652 | 688 |

| Model | F | L | K | P | Q | S | SS | Z | ZZ |
|------------|-------|-----|------|----|-----|-----|-----|-----|-----|
| CXWM25-225 | 96 | 241 | 20.5 | 90 | 525 | 227 | 282 | 509 | 553 |
| CXWM25-250 | 108.5 | 266 | 20.5 | 90 | 575 | 252 | 307 | 559 | 603 |
| CXWM25-275 | 121 | 291 | 20.5 | 90 | 625 | 277 | 332 | 609 | 653 |
| CXWM25-300 | 133.5 | 316 | 20.5 | 90 | 675 | 302 | 357 | 659 | 703 |

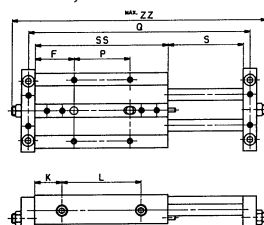
$\phi 20, \phi 32$



| Model | F | L | K | P | Q | S | SS | Z | ZZ |
|------------|-------|-----|----|----|-----|-----|-----|-----|-----|
| CXWM20-225 | 94.5 | 239 | 20 | 90 | 520 | 227 | 279 | 506 | 534 |
| CXWM20-250 | 107 | 264 | 20 | 90 | 570 | 252 | 304 | 556 | 584 |
| CXWM20-275 | 119.5 | 289 | 20 | 90 | 620 | 277 | 329 | 606 | 634 |
| CXWM20-300 | 132 | 314 | 20 | 90 | 670 | 302 | 354 | 656 | 684 |

| Model | F | L | K | P | Q | S | SS | Z | ZZ |
|------------|----|-----|----|-----|-----|-----|-----|-----|-----|
| CXWM32-225 | 38 | 240 | 28 | 220 | 543 | 227 | 296 | 523 | 563 |
| CXWM32-250 | 38 | 265 | 28 | 245 | 593 | 252 | 321 | 573 | 613 |

CXWL series: $\phi 16, \phi 25$



| Model | F | L | K | P | Q | S | SS | Z | ZZ |
|------------|-------|-----|----|----|-----|-----|-----|-----|-----|
| CXWL16-225 | 115.5 | 239 | 41 | 90 | 560 | 227 | 321 | 548 | 584 |
| CXWL16-250 | 128 | 264 | 41 | 90 | 610 | 252 | 346 | 598 | 634 |
| CXWL16-275 | 140.5 | 289 | 41 | 90 | 660 | 277 | 371 | 648 | 684 |

| Model | F | L | K | P | Q | S | SS | Z | ZZ |
|------------|-------|-----|------|----|-----|-----|-----|-----|-----|
| CXWL25-225 | 119 | 241 | 43.5 | 90 | 571 | 227 | 328 | 555 | 599 |
| CXWL25-250 | 131.5 | 266 | 43.5 | 90 | 621 | 252 | 353 | 605 | 649 |
| CXWL25-275 | 144 | 291 | 43.5 | 90 | 671 | 277 | 378 | 655 | 699 |

Made to Order Common Specifications: -XB11: Long Stroke Type

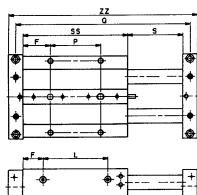


7 Long Stroke Type

Symbol
-XB11

Dimensions

CXWL series: $\varnothing 20, \varnothing 32$



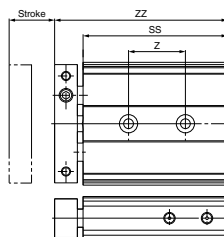
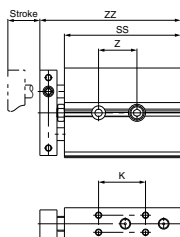
| Model | F | L | K | P | Q | S | SS | Z | ZZ |
|------------|-------|-----|----|----|-----|-----|-----|-----|-----|
| CXWL20-225 | 116.5 | 239 | 42 | 90 | 564 | 227 | 323 | 550 | 578 |
| CXWL20-250 | 129 | 264 | 42 | 90 | 614 | 252 | 348 | 600 | 628 |
| CXWL20-275 | 141.5 | 289 | 42 | 90 | 664 | 277 | 373 | 650 | 678 |

(mm)

| Model | F | L | K | P | Q | S | SS | Z | ZZ |
|------------|----|-----|----|-----|-----|-----|-----|-----|-----|
| CXWL32-225 | 41 | 277 | 30 | 255 | 584 | 227 | 337 | 564 | 604 |

CXSJ_L^M series: $\varnothing 10$

CXSJ_L^M series: $\varnothing 15, \varnothing 20, \varnothing 25, \varnothing 32$

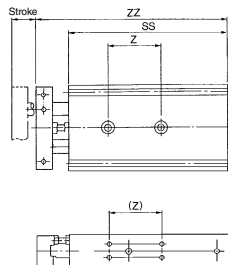
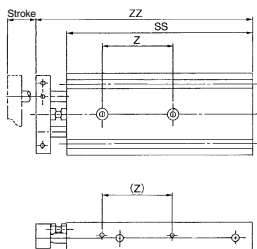


| Model | CXSJ ^M $\varnothing 10$ | | | | | CXSJ ^M $\varnothing 15$ | | | | | CXSJ ^M $\varnothing 20$ | | | | | CXSJ ^M $\varnothing 25$ | | | | | CXSJ ^M $\varnothing 32$ | | | | | | | | |
|--------|------------------------------------|-------|-------|-------|-------|------------------------------------|-------|-------|-------|-------|------------------------------------|-------|-------|-------|-------|------------------------------------|-------|-------|-------|-------|------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Stroke | 80 | 90 | 100 | 110 | 120 | 125 | 150 | 110 | 120 | 125 | 150 | 110 | 120 | 125 | 150 | 175 | 200 | 110 | 120 | 125 | 150 | 175 | 200 | 110 | 120 | 125 | 150 | 175 | 200 |
| SS | 124.5 | 134.5 | 144.5 | 154.5 | 164.5 | 169.5 | 194.5 | 167.5 | 177.5 | 182.5 | 207.5 | 177.5 | 187.5 | 192.5 | 217.5 | 242.5 | 267.5 | 180.5 | 190.5 | 195.5 | 220.5 | 245.5 | 270.5 | 190.5 | 200.5 | 205.5 | 230.5 | 255.5 | 280.5 |
| ZZ | 136 | 146 | 156 | 166 | 176 | 181 | 206 | 180 | 190 | 195 | 220 | 194 | 204 | 209 | 234 | 259 | 284 | 197 | 207 | 212 | 237 | 262 | 287 | 210.5 | 220.5 | 225.5 | 250.5 | 275.5 | 300.5 |
| Z | 88 | 98 | 108 | 118 | 128 | 133 | 158 | 65 | 75 | | | 80 | 100 | | | | | 80 | 100 | | | | | 90 | | | | | |
| K | 92 | 102 | 112 | 122 | 132 | 137 | 162 | | | | | | | | | | | | | | | | | | | | | | |

Note 1) Dimensions of each model except SS, ZZ, Z and K on the above table are the same as standard type.

CXS_L^M series: $\varnothing 10, \varnothing 15$

CXS_L^M series: $\varnothing 20, \varnothing 25, \varnothing 32$



| Model | CXS ^M $\varnothing 10$ | | | | | CXS ^M $\varnothing 15$ | | | | | CXS ^M $\varnothing 20$ | | | | | CXS ^M $\varnothing 25$ | | | | | CXS ^M $\varnothing 32$ | | | | | | | | |
|--------|-----------------------------------|-----|-----|-----|-----|-----------------------------------|-----|-----|-----|-----|-----------------------------------|-----|-----|-----|-----|-----------------------------------|-----|-----|-----|-----|-----------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Stroke | 80 | 90 | 100 | 110 | 120 | 125 | 150 | 110 | 120 | 125 | 150 | 110 | 120 | 125 | 150 | 175 | 200 | 110 | 120 | 125 | 150 | 175 | 200 | 110 | 120 | 125 | 150 | 175 | 200 |
| SS | 135 | 145 | 155 | 165 | 175 | 180 | 205 | 170 | 180 | 185 | 210 | 180 | 190 | 195 | 220 | 245 | 270 | 182 | 192 | 197 | 222 | 247 | 272 | 192 | 202 | 207 | 232 | 257 | 282 |
| ZZ | 152 | 162 | 172 | 182 | 192 | 197 | 222 | 189 | 199 | 204 | 229 | 204 | 214 | 219 | 244 | 269 | 294 | 206 | 216 | 221 | 246 | 271 | 296 | 222 | 232 | 237 | 262 | 287 | 312 |
| Z | 50 | 60 | | | | 70 | 80 | 65 | 75 | | | 80 | | | | | | 80 | 100 | | | | | 90 | | | | | |

Note 1) Dimensions of each model except SS, ZZ and Z on the above table are the same as standard type.

Note 2) For the external dimensions of the CXSW series double rod, refer to the standard type of CXSW.

Made to Order Common Specifications: -XB11: Long Stroke Type



7 Long Stroke Type

Symbol
-XB11

How to Order

For $\phi 12$

RS(D)Q Mounting bracket 12 - Stroke D - Auto switch Suffix -XB11
 • Refer to the below for specifications. • Long stroke type

For $\phi 16$ to $\phi 50$

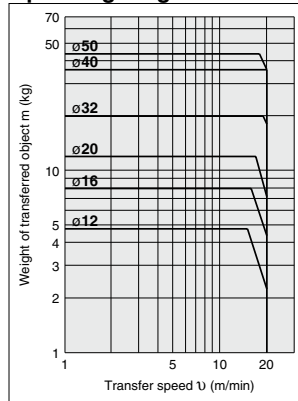
RS(D)Q Mounting bracket Bore size - Stroke DZ - Auto switch Suffix -XB11
 • Refer to the below for specifications. • Long stroke type

Specifications

| | |
|---------------------------------|-----------------------|
| Applicable series | RSQ |
| Action | Double acting |
| Rod end configuration | Round bar type |
| Stroke range | See below. |
| Operating range | See below. |
| Specifications other than above | Same as standard type |

| Model | Bore size (mm) | Standard stroke (mm) | Long stroke (mm) |
|-------|----------------|----------------------|------------------|
| RSQ | 12 | 10 | 15, 20 |
| | 16 | 10, 15 | 20, 30 |
| RSQ-Z | 20, 32 | 10, 15, 20 | 30, 40 |
| | 40, 50 | 20, 25, 30 | 40, 50 |

Operating range



Dimensions (Dimensions other than below are the same as standard type.)

RS□QB12

