(Unit: mm)

Out of production

HYDRAULIC CYLINDER FOR 7 MPa (DOUBLE ACTING DOUBLE ROD TYPE) (HC1-W) φ40 to φ100

■Specifications

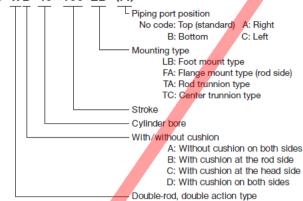
| Max. operating pressure | (MPa) | 7 |
|---------------------------|----------|--------------|
| Min. working pressure | (MPa) | 0.45 or less |
| Operating speed range | (mm/s) | 8 to 300 |
| Operating temperature ran | ige (C°) | -15 to 80 |

■Permissible stroke error

| Stroke | 100 or less | 100 to 250 | 250 to 630 | 630 to 1,000 | 1,000 to 1,600 |
|-------------------|-------------|------------|------------|--------------|----------------|
| Permissible error | +0.8 | +1.0 | +1.25 | +1.4 | +1.6 |
| | 0 | 0 | 0 | 0 | 0 |

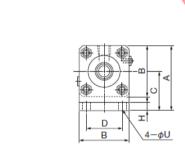
■Description of the model designation

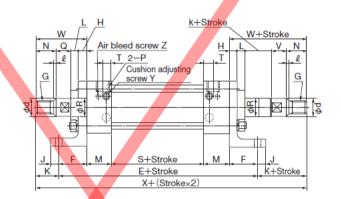
HC1-WD-40×100-LB-(A)



Outside dimensions

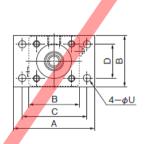


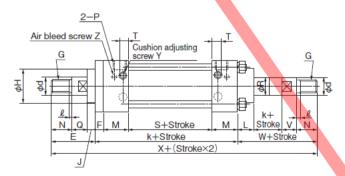




| | | | | | | | | | | | | | (6.11 | | | | | | | | | | 1 | | | | | |
|----|----------------|------|-----|----|-----|-----|----|---------|----|----|----|----|-------|----|---|-------|----|------|-------|----|----|----|----|---|-----|-----|-----|----|
| | Symbol | Α | В | С | D | Е | F | G | Н | J | K | L | М | N | l | Р | Q | R | d(h7) | S | Т | U | ٧ | k | W | X | Υ | Z |
| НС | C1-W*-40×*-LB | 80 | 60 | 50 | 44 | 196 | 38 | M16×1.5 | 10 | 10 | 33 | 12 | 33 | 25 | 3 | Rc1/4 | 24 | 20 | 20 | 54 | 13 | 9 | 22 | 2 | 71 | 262 | M 8 | M6 |
| НС | C1-W*-50×*-LB | 97.5 | 75 | 60 | 55 | 226 | 44 | M20×1.5 | 12 | 11 | 38 | 14 | 38 | 30 | 3 | Rc¾ | 26 | 25 | 24 | 62 | 14 | 11 | 24 | 2 | 82 | 302 | M 8 | M6 |
| НС | C1-W*-63×*-LB | 115 | 90 | 70 | 65 | 268 | 51 | M24×2 | 14 | 13 | 40 | 14 | 45 | 35 | 4 | Rc½ | 28 | 31.5 | 30 | 76 | 16 | 13 | 25 | 3 | 91 | 348 | M 8 | M6 |
| НС | C1-W*-80×*-LB | 142 | 114 | 85 | 84 | 296 | 56 | M30×2 | 14 | 15 | 43 | 16 | 48 | 40 | 4 | Rc¾ | 29 | 40 | 38 | 88 | 20 | 15 | 26 | 3 | 99 | 382 | M12 | M6 |
| НС | C1-W*-100×*-LB | 160 | 130 | 95 | 100 | 324 | 66 | M42×3 | 16 | 17 | 53 | 17 | 50 | 55 | 6 | Rc¾ | 31 | 50 | 48 | 92 | 20 | 17 | 28 | 3 | 119 | 430 | M12 | M6 |

FA (Rod side flange mount type)

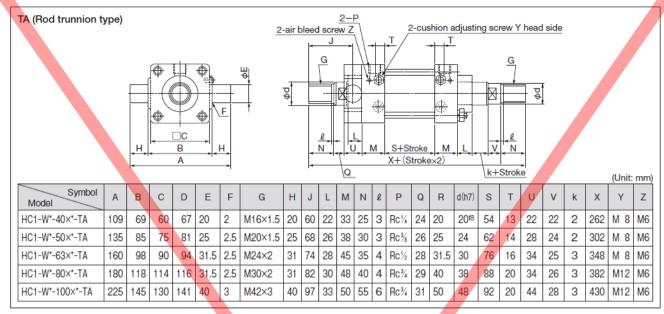


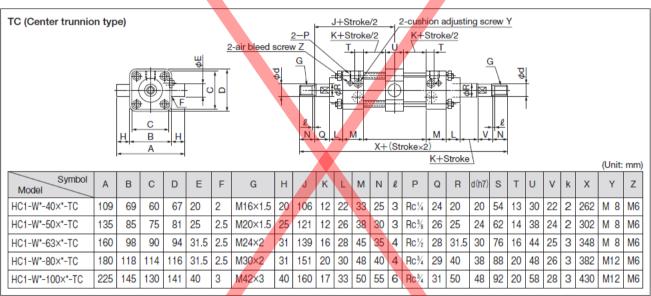


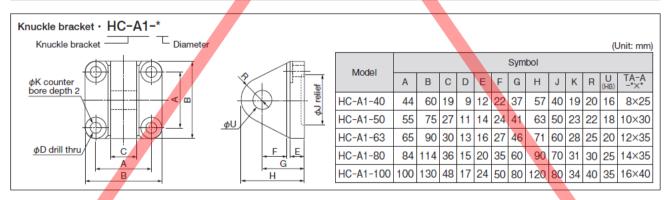
| | | | | | | | | | | | | | | | | | | | | | | | | | N | | (OIIII | |
|------------|--------|-----|-----|-----|-----|-----|----|---------|----|----|-----|----|----|----|---|-------|----|------|-------|----|----|----|----|---|----------|-----|--------|----|
| Model | ymbol | Α | В | С | D | Е | F | G | Н | J | K | L | М | N | l | Р | Q | R | d(h7) | S | Т | U | ٧ | k | w | X | Υ | Z |
| HC1-W*-40> | <*-FA | 95 | 60 | 77 | 44 | 61 | 10 | M16×1.5 | 40 | 12 | 130 | 22 | 33 | 25 | 3 | Rc1/4 | 24 | 20 | 20 | 54 | 13 | 9 | 22 | 2 | 71 | 262 | M 8 | M6 |
| HC1-W*-50> | <*−FA | 117 | 75 | 97 | 55 | 70 | 12 | M20×1.5 | 50 | 14 | 150 | 26 | 38 | 30 | 3 | Rc% | 26 | 25 | 24 | 62 | 14 | 11 | 24 | 2 | 82 | 302 | M 8 | M6 |
| HC1-W*-63> | <*-FA | 142 | 90 | 116 | 65 | 77 | 14 | M24×2 | 60 | 14 | 180 | 28 | 45 | 35 | 4 | Rc½ | 28 | 31.5 | 30 | 76 | 16 | 13 | 25 | 3 | 91 | 348 | M 8 | M6 |
| HC1-W*-80> | <*−FA | 175 | 114 | 145 | 84 | 83 | 16 | M30×2 | 70 | 14 | 200 | 30 | 48 | 40 | 4 | Rc¾ | 29 | 40 | 38 | 88 | 20 | 15 | 26 | 3 | 99 | 382 | M12 | M6 |
| HC1-W*-100 |)×*-FA | 195 | 130 | 165 | 100 | 101 | 18 | M42×3 | 80 | 15 | 210 | 33 | 50 | 55 | 6 | Rc¾ | 31 | 50 | 48 | 92 | 20 | 17 | 28 | 3 | 119 | 430 | M12 | M6 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

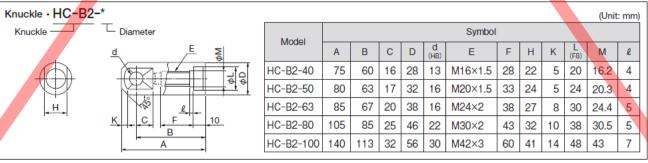
Out of production

Outside dimensions









Out of production

Outside dimensions

