

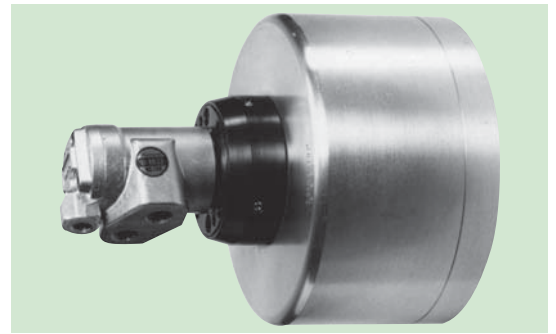
回転油圧シリンダ <逆止弁付>

ROTATING HYDRAULIC CYLINDER with SAFETY DEVICE

特長 Technical features

HH4C 形に、安全対策用の逆止弁を内蔵しています。

HH4C with a built-in check valve for safety.



| 仕様 Specifications | 形式番号 Series number | HH4CB | | | | | | | |
|---------------------------------|-----------------------|-------------------|-------|-------|-------|-------|-------|-------|-------|
| | | 80 | 100 | 125 | 140 | 160 | (180) | (200) | |
| ピストン面積 Effective piston area | cm ² | 47.7 | 75.4 | 119.6 | 150.8 | 198.0 | 249.7 | 309.4 | |
| | 押側 Extend | 47.7 | 75.4 | 119.6 | 150.8 | 198.0 | 249.7 | 309.4 | |
| | 引側 Retract | 42.8 | 70.5 | 112.5 | 141.2 | 188.3 | 237.1 | 293.4 | |
| ピストンストローク Piston stroke | mm | 15 | 20 | 25 | 35 | 35 | 35 | 35 | |
| 最高使用回転数 Max. Speed | r/min | 5000 | 5000 | 5000 | 4500 | 4500 | 4000 | 4000 | |
| 最高使用圧力 Max. pressure | MPa | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | |
| 慣性モーメント Moment of inertia J | 注1 Note1 | kg·m ² | 0.005 | 0.013 | 0.023 | 0.030 | 0.058 | 0.085 | 0.113 |
| 質量 Weight | kg | 5.1 | 6.6 | 8.4 | 10.4 | 12.9 | 18.2 | 21.5 | |
| 総ドレン量 Total leakage | 注2 Note2 | L/min | 0.35 | 0.35 | 0.35 | 0.35 | 0.3 | 0.3 | |

注：1. この値の4倍がGD²に相当します。

2. ISO VG32, 油圧力：3.0MPa, 出口油温：50℃

Note: 1. The four times of this value is equivalent to GD².

2. ISO VG32, Pressure: 3.0MPa, Oil temperature at the exit port: 50℃

注：()の形式は受注生産です。

Note: Parenthesized models are made to order.

| 記号 Symbol | 形式番号 Series number | HH4CB | | | | | | |
|--------------|-----------------------|-----------|------------|-------------|------------|------------|------------|-------------|
| | | 80 | 100 | 125 | 140 | 160 | (180) | (200) |
| A | 内径 I.D. | 80 | 100 | 125 | 140 | 160 | 180 | 200 |
| B | | 115 | 135 | 160 | 180 | 200 | 225 | 245 |
| C | | --- | --- | --- | --- | 160 | 180 | 180 |
| D | | 90 | 100 | 130 | 130 | 130 | 145 | 145 |
| E | h7 | 65 | 80 | 110 | 110 | 110 | 120 | 120 |
| F | | 25 | 25 | 30 | 35 | 35 | 40 | 45 |
| G | Max. | 45 | 45 | 50 | 55 | 55 | 70 | 70 |
| | Min. | 30 | 25 | 25 | 20 | 20 | 35 | 35 |
| H | | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| J | | 73.5 | 88.5 | 95.5 | 108.5 | 113.5 | 128.5 | 131.5 |
| K | | 132 | 132 | 132 | 132 | 132 | 152 | 152 |
| L | 深サ Depth | M8 -16 | M10 -19 | M12 -20 | M12 -20 | M12 -20 | M16 -25 | M16 -28 |
| | | M16 ×2 | M16 ×2 | M20 ×2.5 | M24 ×3 | M24 ×3 | M27 ×3 | M30 ×3.5 |
| M1 | | 30 | 30 | 40 | 40 | 40 | 45 | 50 |
| M2 | | 22 | 22 | 27 | 32 | 32 | 37 | 41 |
| M4 | | 15 | 15 | 15 | 13 | 15 | 20 | 20 |
| N1 | | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | 1/2 | 1/2 |
| N2 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 3/8 | 3/8 |
| P | | 75 | 75 | 75 | 75 | 75 | 82 | 82 |
| Q | | 15 | 15 | 15 | 15 | 15 | 21 | 21 |
| R | | 30 | 30 | 30 | 30 | 30 | 36 | 36 |
| T | | 38 | 38 | 38 | 38 | 38 | 48 | 48 |
| U | | 13 | 13 | 13 | 13 | 13 | 16 | 16 |

