

## Hydraulic Cylinders

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## Features

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- ▶ Slimline construction - available from 1.5" to 5.0" bore sizes.
- ▶ Dual ports for flexibility of installation.
- ▶ **Hallite** seals for long life and suitable for both single and double acting operation.
- ▶ Screwed S.G. cast iron gland and one-piece piston for long life.
- ▶ Gland has spanner slots and piston retained with nyloc nut for ease of service.
- ▶ SAE1026 Honed barrel with 0.25" wall thickness on all bore sizes gives structural strength.
- ▶ K1045 chrome piston rod.
- ▶ K1045 cast steel rod clevis secured to piston rod by grub screw with nylon insert and LOCTITE<sup>®</sup> 243™.
- ▶ One-piece K1045 cast steel base end cap allows easy modification for special mounts.
- ▶ K1045 Zinc plated clevis pins with lynch pin for added security.
- ▶ 5.0" bore standard with 1.25" clevis pins.

## Order Code

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| Series    | Bore & Stroke | Rod Dia. |
|-----------|---------------|----------|
| HC or HCS | ****          | ***      |

### Examples:

HC1512 - 875 = HC Series - 1.5" Bore x 12" Stroke x 0.875" Rod

HC4024 - 175 = HC Series - 4.0" Bore x 24" Stroke x 1.75" Rod

HCS2018-100 = HCS Series - 2.0" Bore x 18" Stroke x 1.00" Rod

## 1.50" Bore x 0.875" Rod



| 1.5" Bore x 0.875 " Rod                                                                                   |        |         |                    |         |                  |         |      |           |
|-----------------------------------------------------------------------------------------------------------|--------|---------|--------------------|---------|------------------|---------|------|-----------|
| Order Code                                                                                                | Stroke |         | Closed Pin Centres |         | Open Pin Centres |         | Kg   | List Each |
| HC1502-875                                                                                                | 2"     | 51 mm   | 11.5"              | 292 mm  | 13.5"            | 343 mm  | 3.6  | \$373.00  |
| HC1503-875                                                                                                | 3"     | 76 mm   | 12.5"              | 318 mm  | 15.5"            | 394 mm  | 3.9  | \$380.00  |
| HC1504-875                                                                                                | 4"     | 102 mm  | 13.5"              | 343 mm  | 17.5"            | 445 mm  | 4.1  | \$388.00  |
| HC1506-875                                                                                                | 6"     | 152 mm  | 15.5"              | 394 mm  | 21.5"            | 546 mm  | 4.6  | \$403.00  |
| HC1508-875                                                                                                | 8"     | 203 mm  | 17.5"              | 445 mm  | 25.5"            | 648 mm  | 5.1  | \$411.00  |
| HC1510-875                                                                                                | 10"    | 254 mm  | 19.5"              | 495 mm  | 29.5"            | 749 mm  | 5.7  | \$422.00  |
| HC1512-875                                                                                                | 12"    | 305 mm  | 21.5"              | 546 mm  | 33.5"            | 851 mm  | 6.2  | \$432.00  |
| HC1514-875                                                                                                | 14"    | 356 mm  | 23.5"              | 597 mm  | 37.5"            | 953 mm  | 6.7  | \$447.00  |
| HC1516-875                                                                                                | 16"    | 406 mm  | 25.5"              | 648 mm  | 41.5"            | 1054 mm | 7.2  | \$462.00  |
| HC1518-875                                                                                                | 18"    | 457 mm  | 27.5"              | 699 mm  | 45.5"            | 1156 mm | 7.7  | \$476.00  |
| HC1520-875                                                                                                | 20"    | 508 mm  | 29.5"              | 749 mm  | 49.5"            | 1257 mm | 8.3  | \$486.00  |
| HC1522-875                                                                                                | 22"    | 559 mm  | 31.5"              | 800 mm  | 53.5"            | 1359 mm | 8.8  | \$554.00  |
| HC1524-875                                                                                                | 24"    | 610 mm  | 33.5"              | 851 mm  | 57.5"            | 1461 mm | 9.3  | \$575.00  |
| HC1526-875                                                                                                | 26"    | 660 mm  | 35.5"              | 902 mm  | 61.5"            | 1562 mm | 9.8  | \$597.00  |
| HC1527-875                                                                                                | 27"    | 686 mm  | 36.5"              | 927 mm  | 63.5"            | 1613 mm | 10.1 | \$612.00  |
| HC1528-875                                                                                                | 28"    | 711 mm  | 37.5"              | 953 mm  | 65.5"            | 1664 mm | 10.3 | \$616.00  |
| HC1529-875                                                                                                | 29"    | 737 mm  | 38.5"              | 978 mm  | 67.5"            | 1715 mm | 10.6 | \$633.00  |
| HC1530-875                                                                                                | 30"    | 762 mm  | 39.5"              | 1003 mm | 69.5"            | 1765 mm | 10.9 | \$637.00  |
| HC1532-875                                                                                                | 32"    | 813 mm  | 41.5"              | 1054 mm | 73.5"            | 1867 mm | 11.4 | \$657.00  |
| HC1533-875                                                                                                | 33"    | 838 mm  | 42.5"              | 1080 mm | 75.5"            | 1918 mm | 11.6 | \$669.00  |
| HC1534-875                                                                                                | 34"    | 864 mm  | 43.5"              | 1105 mm | 77.5"            | 1969 mm | 11.9 | \$677.00  |
| HC1536-875                                                                                                | 36"    | 914 mm  | 45.5"              | 1156 mm | 81.5"            | 2070 mm | 12.4 | \$727.00  |
| HC1538-875                                                                                                | 38"    | 965 mm  | 47.5"              | 1207 mm | 85.5"            | 2172 mm | 12.9 | \$750.00  |
| HC1540-875                                                                                                | 40"    | 1016 mm | 49.5"              | 1257 mm | 89.5"            | 2273 mm | 13.5 | \$771.00  |
| HC1542-875                                                                                                | 42"    | 1067 mm | 51.5"              | 1308 mm | 93.5"            | 2375 mm | 14.0 | \$794.00  |
| HC1544-875                                                                                                | 44"    | 1118 mm | 53.5"              | 1359 mm | 97.5"            | 2477 mm | 14.5 | \$817.00  |
| HC1546-875                                                                                                | 46"    | 1168 mm | 55.5"              | 1410 mm | 101.5"           | 2578 mm | 15.0 | \$839.00  |
| HC1548-875                                                                                                | 48"    | 1219 mm | 57.5"              | 1461 mm | 105.5"           | 2680 mm | 15.5 | \$860.00  |
| For Strokes not listed and less than 48" use the next stroke size up.                                     |        |         |                    |         |                  |         |      |           |
| For Strokes above 48" add to HC1548-875 for every 1" or part thereof.                                     |        |         |                    |         |                  |         |      | \$11.00   |
| For Stop Tube add to cylinder price for every 1" or part thereof. Price includes Stop Tube, Barrel & Rod. |        |         |                    |         |                  |         |      | \$22.00   |

**Note:**

- Cylinders in black print are stocked. Cylinders in red print are not stocked and are available to order.
- Dimensions in mm have been rounded to whole numbers.
- Full dimensions are on [Page 1.12](#).
- Pricing Examples:

HC1519-875

Use HC1520-100 = \$486.00

HC1552-875

HC1548-875 (\$860.00) + (4" x \$11.00) = \$904.00

HC1536-875 + 4" Stop Tube

HC1536-875 (\$727.00) + (4" x \$22.00) = \$815.00

HC1552-875 + 4" Stop Tube

HC1548-875 (\$860.00) + (4" x \$11.00) + (4" x \$22.00) = \$992.00

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## 2.00" Bore x 1.00" Rod: Closed Pin Centres = 9.5" (241 mm) + Stroke



| 2.0" Bore x 1.00" Rod                                                                                     |        |         |                    |         |                  |         |      |           |
|-----------------------------------------------------------------------------------------------------------|--------|---------|--------------------|---------|------------------|---------|------|-----------|
| Order Code                                                                                                | Stroke |         | Closed Pin Centres |         | Open Pin Centres |         | Kg   | List Each |
| HCS2002-100                                                                                               | 2"     | 51 mm   | 11.5"              | 292 mm  | 13.5"            | 343 mm  | 5.5  | \$386.00  |
| HCS2004-100                                                                                               | 4"     | 102 mm  | 13.5"              | 343 mm  | 17.5"            | 445 mm  | 6.2  | \$400.00  |
| HCS2006-100                                                                                               | 6"     | 152 mm  | 15.5"              | 394 mm  | 21.5"            | 546 mm  | 6.9  | \$413.00  |
| HCS2008-100                                                                                               | 8"     | 203 mm  | 17.5"              | 445 mm  | 25.5"            | 648 mm  | 7.6  | \$425.00  |
| HCS2010-100                                                                                               | 10"    | 254 mm  | 19.5"              | 495 mm  | 29.5"            | 749 mm  | 8.3  | \$436.00  |
| HCS2012-100                                                                                               | 12"    | 305 mm  | 21.5"              | 546 mm  | 33.5"            | 851 mm  | 9.0  | \$450.00  |
| HCS2014-100                                                                                               | 14"    | 356 mm  | 23.5"              | 597 mm  | 37.5"            | 953 mm  | 9.7  | \$461.00  |
| HCS2016-100                                                                                               | 16"    | 406 mm  | 25.5"              | 648 mm  | 41.5"            | 1054 mm | 10.4 | \$472.00  |
| HCS2018-100                                                                                               | 18"    | 457 mm  | 27.5"              | 699 mm  | 45.5"            | 1156 mm | 11.1 | \$486.00  |
| HCS2020-100                                                                                               | 20"    | 508 mm  | 29.5"              | 749 mm  | 49.5"            | 1257 mm | 11.8 | \$499.00  |
| HCS2022-100                                                                                               | 22"    | 559 mm  | 31.5"              | 800 mm  | 53.5"            | 1359 mm | 12.5 | \$510.00  |
| HCS2024-100                                                                                               | 24"    | 610 mm  | 33.5"              | 851 mm  | 57.5"            | 1461 mm | 13.2 | \$521.00  |
| HCS2026-100                                                                                               | 26"    | 660 mm  | 35.5"              | 902 mm  | 61.5"            | 1562 mm | 13.9 | \$561.00  |
| HCS2028-100                                                                                               | 28"    | 711 mm  | 37.5"              | 953 mm  | 65.5"            | 1664 mm | 14.6 | \$575.00  |
| HCS2030-100                                                                                               | 30"    | 762 mm  | 39.5"              | 1003 mm | 69.5"            | 1765 mm | 15.3 | \$589.00  |
| HCS2032-100                                                                                               | 32"    | 813 mm  | 41.5"              | 1054 mm | 73.5"            | 1867 mm | 16.0 | \$599.00  |
| HCS2034-100                                                                                               | 34"    | 864 mm  | 43.5"              | 1105 mm | 77.5"            | 1969 mm | 16.7 | \$610.00  |
| HCS2036-100                                                                                               | 36"    | 914 mm  | 45.5"              | 1156 mm | 81.5"            | 2070 mm | 17.4 | \$621.00  |
| HCS2038-100                                                                                               | 38"    | 965 mm  | 47.5"              | 1207 mm | 85.5"            | 2172 mm | 18.1 | \$668.00  |
| HCS2040-100                                                                                               | 40"    | 1016 mm | 49.5"              | 1257 mm | 89.5"            | 2273 mm | 18.8 | \$682.00  |
| HCS2042-100                                                                                               | 42"    | 1067 mm | 51.5"              | 1308 mm | 93.5"            | 2375 mm | 19.5 | \$697.00  |
| HCS2044-100                                                                                               | 44"    | 1118 mm | 53.5"              | 1359 mm | 97.5"            | 2477 mm | 20.2 | \$711.00  |
| HCS2046-100                                                                                               | 46"    | 1168 mm | 55.5"              | 1410 mm | 101.5"           | 2578 mm | 20.9 | \$725.00  |
| HCS2048-100                                                                                               | 48"    | 1219 mm | 57.5"              | 1461 mm | 105.5"           | 2680 mm | 21.6 | \$740.00  |
| For Strokes not listed and less than 48" use the next stroke size up.                                     |        |         |                    |         |                  |         |      |           |
| For Strokes above 48" add to HCS2048-100 for every 1" or part thereof.                                    |        |         |                    |         |                  |         |      | \$12.00   |
| For Stop Tube add to cylinder price for every 1" or part thereof. Price includes Stop Tube, Barrel & Rod. |        |         |                    |         |                  |         |      | \$24.00   |

**Note:**

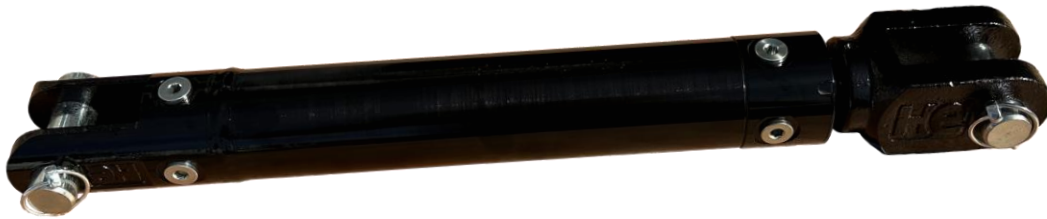
- Cylinders in black print are stocked. *Cylinders in red print are not stocked and are available to order.*
- Dimensions in mm have been rounded to whole numbers.
- Full dimensions are on [Page 1.12](#).
- Pricing Examples:  

HCS2019-100  
HCS2052-100  
HCS2036-100 + 4" Stop Tube  
HCS2052-100 + 4" Stop Tube

Use HCS2020-100 = \$499.00  
HCS2048-100 (\$740.00) + (4" x \$12.00) = \$788.00  
HCS2036-100 (\$621.00) + (4" x \$24.00) = \$717.00  
HCS2050-100 (\$740.00) + (4" x \$12.00) + (4" x \$24.00) = \$884.00

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## 2.00" Bore x 1.25" Rod



| 2.0" Bore x 1.25" Rod                                                                                     |        |         |                    |         |                  |         |      |           |
|-----------------------------------------------------------------------------------------------------------|--------|---------|--------------------|---------|------------------|---------|------|-----------|
| Order Code                                                                                                | Stroke |         | Closed Pin Centres |         | Open Pin Centres |         | Kg   | List Each |
| HC2002-125                                                                                                | 2"     | 51 mm   | 14.25"             | 362 mm  | 16.25"           | 413 mm  | 7.3  | \$402.00  |
| HC2004-125                                                                                                | 4"     | 102 mm  | 16.25"             | 413 mm  | 20.25"           | 514 mm  | 8.1  | \$417.00  |
| HC2006-125                                                                                                | 6"     | 152 mm  | 18.25"             | 464 mm  | 24.25"           | 616 mm  | 8.9  | \$432.00  |
| HC2008-125                                                                                                | 8"     | 203 mm  | 20.25"             | 514 mm  | 28.25"           | 718 mm  | 9.7  | \$445.00  |
| HC2010-125                                                                                                | 10"    | 254 mm  | 22.25"             | 565 mm  | 32.25"           | 819 mm  | 10.5 | \$458.00  |
| HC2012-125                                                                                                | 12"    | 305 mm  | 24.25"             | 616 mm  | 36.25"           | 921 mm  | 11.3 | \$472.00  |
| HC2014-125                                                                                                | 14"    | 356 mm  | 26.25"             | 667 mm  | 40.25"           | 1022 mm | 12.1 | \$485.00  |
| HC2016-125                                                                                                | 16"    | 406 mm  | 28.25"             | 718 mm  | 44.25"           | 1124 mm | 12.9 | \$497.00  |
| HC2018-125                                                                                                | 18"    | 457 mm  | 30.25"             | 768 mm  | 48.25"           | 1226 mm | 13.7 | \$512.00  |
| HC2020-125                                                                                                | 20"    | 508 mm  | 32.25"             | 819 mm  | 52.25"           | 1327 mm | 14.5 | \$527.00  |
| HC2022-125                                                                                                | 22"    | 559 mm  | 34.25"             | 870 mm  | 56.25"           | 1429 mm | 15.3 | \$539.00  |
| HC2024-125                                                                                                | 24"    | 610 mm  | 36.25"             | 921 mm  | 60.25"           | 1530 mm | 16.1 | \$551.00  |
| HC2026-125                                                                                                | 26"    | 660 mm  | 38.25"             | 972 mm  | 64.25"           | 1632 mm | 16.9 | \$594.00  |
| HC2028-125                                                                                                | 28"    | 711 mm  | 40.25"             | 1022 mm | 68.25"           | 1734 mm | 17.7 | \$610.00  |
| HC2030-125                                                                                                | 30"    | 762 mm  | 42.25"             | 1073 mm | 72.25"           | 1835 mm | 18.5 | \$625.00  |
| HC2032-125                                                                                                | 32"    | 813 mm  | 44.25"             | 1124 mm | 76.25"           | 1937 mm | 19.3 | \$637.00  |
| HC2034-125                                                                                                | 34"    | 864 mm  | 46.25"             | 1175 mm | 80.25"           | 2038 mm | 20.0 | \$650.00  |
| HC2036-125                                                                                                | 36"    | 914 mm  | 48.25"             | 1226 mm | 84.25"           | 2140 mm | 20.7 | \$662.00  |
| HC2038-125                                                                                                | 38"    | 965 mm  | 50.25"             | 1276 mm | 88.25"           | 2242 mm | 21.5 | \$712.00  |
| HC2040-125                                                                                                | 40"    | 1016 mm | 52.25"             | 1327 mm | 92.25"           | 2343 mm | 22.3 | \$728.00  |
| HC2042-125                                                                                                | 42"    | 1067 mm | 54.25"             | 1378 mm | 96.25"           | 2445 mm | 23.1 | \$744.00  |
| HC2044-125                                                                                                | 44"    | 1118 mm | 56.25"             | 1429 mm | 100.25"          | 2546 mm | 23.9 | \$760.00  |
| HC2046-125                                                                                                | 46"    | 1168 mm | 58.25"             | 1480 mm | 104.25"          | 2648 mm | 24.7 | \$776.00  |
| HC2048-125                                                                                                | 48"    | 1219 mm | 60.25"             | 1530 mm | 108.25"          | 2750 mm | 25.5 | \$792.00  |
| For Strokes not listed and less than 48" use the next stroke size up.                                     |        |         |                    |         |                  |         |      |           |
| For Strokes above 48" add to HC2048-125 for every 1" or part thereof.                                     |        |         |                    |         |                  |         |      | \$13.00   |
| For Stop Tube add to cylinder price for every 1" or part thereof. Price includes Stop Tube, Barrel & Rod. |        |         |                    |         |                  |         |      | \$26.00   |

**Note:**

- Cylinders in black print are stocked. *Cylinders in red print are not stocked and are available to order.*
- Dimensions in mm have been rounded to whole numbers.
- Full dimensions are on [Page 1.12](#).

**Pricing Examples:**

|                           |                                                                    |
|---------------------------|--------------------------------------------------------------------|
| HC2019-125                | Use HC2020-125 = \$527.00                                          |
| HC2052-125                | HC2048-125 (\$792.00) + (4" x \$13.00) = \$844.00                  |
| HC2036-125 + 4" Stop Tube | HC2036-125 (\$662.00) + (4" x \$26.00) = \$766.00                  |
| HC2052-125 + 4" Stop Tube | HC2050-125 (\$792.00) + (4" x \$13.00) + (4" x \$26.00) = \$948.00 |

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## 2.50" Bore x 1.50" Rod



| 2.5" Bore x 1.50" Rod                                                                                     |        |         |                    |         |                  |         |      |           |
|-----------------------------------------------------------------------------------------------------------|--------|---------|--------------------|---------|------------------|---------|------|-----------|
| Order Code                                                                                                | Stroke |         | Closed Pin Centres |         | Open Pin Centres |         | Kg   | List Each |
| HC2504-150                                                                                                | 4"     | 102 mm  | 16.25"             | 413 mm  | 20.25"           | 514 mm  | 10.3 | \$397.00  |
| HC2506-150                                                                                                | 6"     | 152 mm  | 18.25"             | 464 mm  | 24.25"           | 616 mm  | 11.3 | \$414.00  |
| HC2508-150                                                                                                | 8"     | 203 mm  | 20.25"             | 514 mm  | 28.25"           | 718 mm  | 12.4 | \$432.00  |
| HC2510-150                                                                                                | 10"    | 254 mm  | 22.25"             | 565 mm  | 32.25"           | 819 mm  | 13.5 | \$456.00  |
| HC2512-150                                                                                                | 12"    | 305 mm  | 24.25"             | 616 mm  | 36.25"           | 921 mm  | 14.5 | \$472.00  |
| HC2514-150                                                                                                | 14"    | 356 mm  | 26.25"             | 667 mm  | 40.25"           | 1022 mm | 15.5 | \$489.00  |
| HC2516-150                                                                                                | 16"    | 406 mm  | 28.25"             | 718 mm  | 44.25"           | 1124 mm | 16.5 | \$508.00  |
| HC2518-150                                                                                                | 18"    | 457 mm  | 30.25"             | 768 mm  | 48.25"           | 1226 mm | 17.5 | \$525.00  |
| HC2520-150                                                                                                | 20"    | 508 mm  | 32.25"             | 819 mm  | 52.25"           | 1327 mm | 18.5 | \$542.00  |
| HC2522-150                                                                                                | 22"    | 559 mm  | 34.25"             | 870 mm  | 56.25"           | 1429 mm | 19.5 | \$558.00  |
| HC2524-150                                                                                                | 24"    | 610 mm  | 36.25"             | 921 mm  | 60.25"           | 1530 mm | 20.5 | \$575.00  |
| HC2526-150                                                                                                | 26"    | 660 mm  | 38.25"             | 972 mm  | 64.25"           | 1632 mm | 21.5 | \$641.00  |
| HC2528-150                                                                                                | 28"    | 711 mm  | 40.25"             | 1022 mm | 68.25"           | 1734 mm | 22.5 | \$645.00  |
| HC2530-150                                                                                                | 30"    | 762 mm  | 42.25"             | 1073 mm | 72.25"           | 1835 mm | 23.5 | \$651.00  |
| HC2532-150                                                                                                | 32"    | 813 mm  | 44.25"             | 1124 mm | 76.25"           | 1937 mm | 24.5 | \$666.00  |
| HC2534-150                                                                                                | 34"    | 864 mm  | 46.25"             | 1175 mm | 80.25"           | 2038 mm | 25.5 | \$682.00  |
| HC2536-150                                                                                                | 36"    | 914 mm  | 48.25"             | 1226 mm | 84.25"           | 2140 mm | 26.5 | \$730.00  |
| HC2538-150                                                                                                | 38"    | 965 mm  | 50.25"             | 1276 mm | 88.25"           | 2242 mm | 27.5 | \$784.00  |
| HC2540-150                                                                                                | 40"    | 1016 mm | 52.25"             | 1327 mm | 92.25"           | 2343 mm | 28.5 | \$839.00  |
| HC2542-150                                                                                                | 42"    | 1067 mm | 54.25"             | 1378 mm | 96.25"           | 2445 mm | 29.5 | \$891.00  |
| HC2544-150                                                                                                | 44"    | 1118 mm | 56.25"             | 1429 mm | 100.25"          | 2546 mm | 30.5 | \$900.00  |
| HC2546-150                                                                                                | 46"    | 1168 mm | 58.25"             | 1480 mm | 104.25"          | 2648 mm | 31.5 | \$908.00  |
| HC2548-150                                                                                                | 48"    | 1219 mm | 60.25"             | 1530 mm | 108.25"          | 2750 mm | 32.5 | \$933.00  |
| HC2550-150                                                                                                | 50"    | 1270 mm | 62.25"             | 1581 mm | 112.25"          | 2851 mm | 33.5 | \$955.00  |
| For Strokes not listed and less than 50" use the next stroke size up.                                     |        |         |                    |         |                  |         |      |           |
| For Strokes above 50" add to HC2550-150 for every 1" or part thereof.                                     |        |         |                    |         |                  |         |      | \$18.00   |
| For Stop Tube add to cylinder price for every 1" or part thereof. Price includes Stop Tube, Barrel & Rod. |        |         |                    |         |                  |         |      | \$36.00   |

**Note:**

- Cylinders in black print are stocked. *Cylinders in red print are not stocked and are available to order.*
- Dimensions in mm have been rounded to whole numbers.
- Full dimensions are on [Page 1.12](#).
- Pricing Examples:

HC2519-150

Use HC2520-100 = \$542.00

HC2552-150

HC2550-150 (\$955.00) + (2" x \$18.00) = \$991.00

HC2536-150 + 4" Stop Tube

HC2536-150 (\$730.00) + (4" x \$36.00) = \$874.00

HC2552-150 + 4" Stop Tube

HC2550-150 (\$955.00) + (2" x \$18.00) + (4" x \$36.00) = \$1,135.00

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## 3.00" Bore x 1.50" Rod



| 3.0" Bore x 1.50" Rod                                                                                     |        |         |                    |         |                  |         |      |           |
|-----------------------------------------------------------------------------------------------------------|--------|---------|--------------------|---------|------------------|---------|------|-----------|
| Order Code                                                                                                | Stroke |         | Closed Pin Centres |         | Open Pin Centres |         | Kg   | List Each |
| HC3004-150                                                                                                | 4"     | 102 mm  | 16.25"             | 413 mm  | 20.25"           | 514 mm  | 12.5 | \$450.00  |
| HC3006-150                                                                                                | 6"     | 152 mm  | 18.25"             | 464 mm  | 24.25"           | 616 mm  | 13.7 | \$470.00  |
| HC3008-150                                                                                                | 8"     | 203 mm  | 20.25"             | 514 mm  | 28.25"           | 718 mm  | 14.9 | \$491.00  |
| HC3010-150                                                                                                | 10"    | 254 mm  | 22.25"             | 565 mm  | 32.25"           | 819 mm  | 16.0 | \$512.00  |
| HC3012-150                                                                                                | 12"    | 305 mm  | 24.25"             | 616 mm  | 36.25"           | 921 mm  | 17.2 | \$528.00  |
| HC3014-150                                                                                                | 14"    | 356 mm  | 26.25"             | 667 mm  | 40.25"           | 1022 mm | 18.4 | \$548.00  |
| HC3016-150                                                                                                | 16"    | 406 mm  | 28.25"             | 718 mm  | 44.25"           | 1124 mm | 19.5 | \$569.00  |
| HC3018-150                                                                                                | 18"    | 457 mm  | 30.25"             | 768 mm  | 48.25"           | 1226 mm | 20.7 | \$660.00  |
| HC3020-150                                                                                                | 20"    | 508 mm  | 32.25"             | 819 mm  | 52.25"           | 1327 mm | 21.9 | \$681.00  |
| HC3022-150                                                                                                | 22"    | 559 mm  | 34.25"             | 870 mm  | 56.25"           | 1429 mm | 23.1 | \$701.00  |
| HC3024-150                                                                                                | 24"    | 610 mm  | 36.25"             | 921 mm  | 60.25"           | 1530 mm | 24.2 | \$722.00  |
| HC3026-150                                                                                                | 26"    | 660 mm  | 38.25"             | 972 mm  | 64.25"           | 1632 mm | 25.4 | \$742.00  |
| HC3028-150                                                                                                | 28"    | 711 mm  | 40.25"             | 1022 mm | 68.25"           | 1734 mm | 26.6 | \$762.00  |
| HC3030-150                                                                                                | 30"    | 762 mm  | 42.25"             | 1073 mm | 72.25"           | 1835 mm | 27.7 | \$782.00  |
| HC3032-150                                                                                                | 32"    | 813 mm  | 44.25"             | 1124 mm | 76.25"           | 1937 mm | 28.9 | \$801.00  |
| HC3034-150                                                                                                | 34"    | 864 mm  | 46.25"             | 1175 mm | 80.25"           | 2038 mm | 30.1 | \$825.00  |
| HC3036-150                                                                                                | 36"    | 914 mm  | 48.25"             | 1226 mm | 84.25"           | 2140 mm | 31.2 | \$848.00  |
| HC3038-150                                                                                                | 38"    | 965 mm  | 50.25"             | 1276 mm | 88.25"           | 2242 mm | 32.4 | \$869.00  |
| HC3040-150                                                                                                | 40"    | 1016 mm | 52.25"             | 1327 mm | 92.25"           | 2343 mm | 33.6 | \$891.00  |
| HC3042-150                                                                                                | 42"    | 1067 mm | 54.25"             | 1378 mm | 96.25"           | 2445 mm | 34.8 | \$916.00  |
| HC3044-150                                                                                                | 44"    | 1118 mm | 56.25"             | 1429 mm | 100.25"          | 2546 mm | 35.9 | \$942.00  |
| HC3046-150                                                                                                | 46"    | 1168 mm | 58.25"             | 1480 mm | 104.25"          | 2648 mm | 37.1 | \$961.00  |
| HC3048-150                                                                                                | 48"    | 1219 mm | 60.25"             | 1530 mm | 108.25"          | 2750 mm | 38.3 | \$990.00  |
| For Strokes not listed and less than 48" use the next stroke size up.                                     |        |         |                    |         |                  |         |      |           |
| For Strokes above 48" add to HC3048-150 for every 1" or part thereof.                                     |        |         |                    |         |                  |         |      | \$21.00   |
| For Stop Tube add to cylinder price for every 1" or part thereof. Price includes Stop Tube, Barrel & Rod. |        |         |                    |         |                  |         |      | \$42.00   |

**Note:**

- Cylinders in black print are stocked. Cylinders in red print are not stocked and are available to order.
- Dimensions in mm have been rounded to whole numbers.
- Full dimensions are on [Page 1.12](#).
- Pricing Examples:

HC3019-150

Use HC3020-150 = \$681.00

HC3052-150

HC3048-150 (\$990.00) + (4" x \$21.00) = \$1,074.00

HC3036-150 + 4" Stop Tube

HC3036-150 (\$848.00) + (4" x \$42.00) = \$1,016.00

HC3052-150 + 4" Stop Tube

HC3048-150 (\$990.00) + (4" x \$21.00) + (4" x \$42.00) = \$1,242.00

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## 3.50" Bore x 1.75" Rod



| 3.5" Bore x 1.75" Rod                                                                                     |        |         |                    |         |                  |         |      |            |
|-----------------------------------------------------------------------------------------------------------|--------|---------|--------------------|---------|------------------|---------|------|------------|
| Order Code                                                                                                | Stroke |         | Closed Pin Centres |         | Open Pin Centres |         | Kg   | List Each  |
| HC3504-175                                                                                                | 4"     | 102 mm  | 16.25"             | 413 mm  | 20.25"           | 514 mm  | 15.9 | \$553.00   |
| HC3506-175                                                                                                | 6"     | 152 mm  | 18.25"             | 464 mm  | 24.25"           | 616 mm  | 17.2 | \$579.00   |
| HC3508-175                                                                                                | 8"     | 203 mm  | 20.25"             | 514 mm  | 28.25"           | 718 mm  | 18.6 | \$607.00   |
| HC3510-175                                                                                                | 10"    | 254 mm  | 22.25"             | 565 mm  | 32.25"           | 819 mm  | 20.0 | \$635.00   |
| HC3512-175                                                                                                | 12"    | 305 mm  | 24.25"             | 616 mm  | 36.25"           | 921 mm  | 21.4 | \$657.00   |
| HC3514-175                                                                                                | 14"    | 356 mm  | 26.25"             | 667 mm  | 40.25"           | 1022 mm | 22.8 | \$678.00   |
| HC3516-175                                                                                                | 16"    | 406 mm  | 28.25"             | 718 mm  | 44.25"           | 1124 mm | 24.1 | \$746.00   |
| HC3518-175                                                                                                | 18"    | 457 mm  | 30.25"             | 768 mm  | 48.25"           | 1226 mm | 25.5 | \$766.00   |
| HC3520-175                                                                                                | 20"    | 508 mm  | 32.25"             | 819 mm  | 52.25"           | 1327 mm | 26.9 | \$797.00   |
| HC3522-175                                                                                                | 22"    | 559 mm  | 34.25"             | 870 mm  | 56.25"           | 1429 mm | 28.3 | \$865.00   |
| HC3524-175                                                                                                | 24"    | 610 mm  | 36.25"             | 921 mm  | 60.25"           | 1530 mm | 29.7 | \$897.00   |
| HC3526-175                                                                                                | 26"    | 660 mm  | 38.25"             | 972 mm  | 64.25"           | 1632 mm | 31.0 | \$928.00   |
| HC3528-175                                                                                                | 28"    | 711 mm  | 40.25"             | 1022 mm | 68.25"           | 1734 mm | 32.4 | \$950.00   |
| HC3530-175                                                                                                | 30"    | 762 mm  | 42.25"             | 1073 mm | 72.25"           | 1835 mm | 33.8 | \$1,027.00 |
| HC3532-175                                                                                                | 32"    | 813 mm  | 44.25"             | 1124 mm | 76.25"           | 1937 mm | 35.2 | \$1,067.00 |
| HC3534-175                                                                                                | 34"    | 864 mm  | 46.25"             | 1175 mm | 80.25"           | 2038 mm | 35.6 | \$1,107.00 |
| HC3536-175                                                                                                | 36"    | 914 mm  | 48.25"             | 1226 mm | 84.25"           | 2140 mm | 37.9 | \$1,146.00 |
| HC3538-175                                                                                                | 38"    | 965 mm  | 50.25"             | 1276 mm | 88.25"           | 2242 mm | 39.3 | \$1,185.00 |
| HC3540-175                                                                                                | 40"    | 1016 mm | 52.25"             | 1327 mm | 92.25"           | 2343 mm | 40.7 | \$1,226.00 |
| HC3542-175                                                                                                | 42"    | 1067 mm | 54.25"             | 1378 mm | 96.25"           | 2445 mm | 42.1 | \$1,263.00 |
| HC3544-175                                                                                                | 44"    | 1118 mm | 56.25"             | 1429 mm | 100.25"          | 2546 mm | 43.4 | \$1,302.00 |
| HC3546-175                                                                                                | 46"    | 1168 mm | 58.25"             | 1480 mm | 104.25"          | 2648 mm | 44.8 | \$1,340.00 |
| HC3548-175                                                                                                | 48"    | 1219 mm | 60.25"             | 1530 mm | 108.25"          | 2750 mm | 46.2 | \$1,377.00 |
| For Strokes not listed and less than 48" use the next stroke size up.                                     |        |         |                    |         |                  |         |      |            |
| For Strokes above 48" add to HC3548-175 for every 1" part thereof.                                        |        |         |                    |         |                  |         |      | \$29.00    |
| For Stop Tube add to cylinder price for every 1" or part thereof. Price includes Stop Tube, Barrel & Rod. |        |         |                    |         |                  |         |      | \$58.00    |

**Note:**

- Cylinders in black print are stocked. *Cylinders in red print are not stocked and are available to order.*
- Dimensions in mm have been rounded to whole numbers.
- Full dimensions are on [Page 1.12](#).
- Pricing Examples:  
 HC3519-175                      Use HC3520-175 = \$797.00  
 HC3552-175                      HC3548-175 (\$1,377.00) + (4" x \$29.00) = \$1,493.00  
 HC3536-175 + 4" Stop Tube      HC3536-175 (\$1,146.00) + (4" x \$58.00) = \$1,378.00  
 HC3552-175 + 4" Stop Tube      HC3548-175 (\$1,377.00) + (4" x \$29.00) + (4" x \$58.00) = \$1,725.00

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## 4.00" Bore x 1.75" Rod



| 4.0" Bore x 1.75" Rod                                                                                     |        |         |                    |         |                  |         |      |            |
|-----------------------------------------------------------------------------------------------------------|--------|---------|--------------------|---------|------------------|---------|------|------------|
| Order Code                                                                                                | Stroke |         | Closed Pin Centres |         | Open Pin Centres |         | Kg   | List Each  |
| HC4004-175                                                                                                | 4"     | 102 mm  | 16.25"             | 413 mm  | 20.25"           | 514 mm  | 18.8 | \$685.00   |
| HC4006-175                                                                                                | 6"     | 152 mm  | 18.25"             | 464 mm  | 24.25"           | 616 mm  | 20.3 | \$719.00   |
| HC4008-175                                                                                                | 8"     | 203 mm  | 20.25"             | 514 mm  | 28.25"           | 718 mm  | 21.8 | \$746.00   |
| HC4010-175                                                                                                | 10"    | 254 mm  | 22.25"             | 565 mm  | 32.25"           | 819 mm  | 23.3 | \$779.00   |
| HC4012-175                                                                                                | 12"    | 305 mm  | 24.25"             | 616 mm  | 36.25"           | 921 mm  | 24.8 | \$812.00   |
| HC4014-175                                                                                                | 14"    | 356 mm  | 26.25"             | 667 mm  | 40.25"           | 1022 mm | 26.3 | \$844.00   |
| HC4016-175                                                                                                | 16"    | 406 mm  | 28.25"             | 718 mm  | 44.25"           | 1124 mm | 27.8 | \$876.00   |
| HC4018-175                                                                                                | 18"    | 457 mm  | 30.25"             | 768 mm  | 48.25"           | 1226 mm | 29.3 | \$907.00   |
| HC4020-175                                                                                                | 20"    | 508 mm  | 32.25"             | 819 mm  | 52.25"           | 1327 mm | 30.8 | \$942.00   |
| HC4022-175                                                                                                | 22"    | 559 mm  | 34.25"             | 870 mm  | 56.25"           | 1429 mm | 32.3 | \$972.00   |
| HC4024-175                                                                                                | 24"    | 610 mm  | 36.25"             | 921 mm  | 60.25"           | 1530 mm | 33.8 | \$1,071.00 |
| HC4026-175                                                                                                | 26"    | 660 mm  | 38.25"             | 972 mm  | 64.25"           | 1632 mm | 35.3 | \$1,119.00 |
| HC4028-175                                                                                                | 28"    | 711 mm  | 40.25"             | 1022 mm | 68.25"           | 1734 mm | 36.8 | \$1,168.00 |
| HC4030-175                                                                                                | 30"    | 762 mm  | 42.25"             | 1073 mm | 72.25"           | 1835 mm | 38.3 | \$1,213.00 |
| HC4032-175                                                                                                | 32"    | 813 mm  | 44.25"             | 1124 mm | 76.25"           | 1937 mm | 39.8 | \$1,261.00 |
| HC4034-175                                                                                                | 34"    | 864 mm  | 46.25"             | 1175 mm | 80.25"           | 2038 mm | 41.3 | \$1,307.00 |
| HC4036-175                                                                                                | 36"    | 914 mm  | 48.25"             | 1226 mm | 84.25"           | 2140 mm | 42.8 | \$1,353.00 |
| HC4038-175                                                                                                | 38"    | 965 mm  | 50.25"             | 1276 mm | 88.25"           | 2242 mm | 44.3 | \$1,400.00 |
| HC4040-175                                                                                                | 40"    | 1016 mm | 52.25"             | 1327 mm | 92.25"           | 2343 mm | 45.8 | \$1,448.00 |
| HC4042-175                                                                                                | 42"    | 1067 mm | 54.25"             | 1378 mm | 96.25"           | 2445 mm | 47.3 | \$1,491.00 |
| HC4044-175                                                                                                | 44"    | 1118 mm | 56.25"             | 1429 mm | 100.25"          | 2546 mm | 48.8 | \$1,535.00 |
| HC4046-175                                                                                                | 46"    | 1168 mm | 58.25"             | 1480 mm | 104.25"          | 2648 mm | 50.3 | \$1,581.00 |
| HC4048-175                                                                                                | 48"    | 1219 mm | 60.25"             | 1530 mm | 108.25"          | 2750 mm | 51.8 | \$1,625.00 |
| For Strokes not listed and less than 48" use the next stroke size up.                                     |        |         |                    |         |                  |         |      |            |
| For Strokes above 48" add to HC4048-175 for every 1" or part thereof.                                     |        |         |                    |         |                  |         |      | \$32.00    |
| For Stop Tube add to cylinder price for every 1" or part thereof. Price includes Stop Tube, Barrel & Rod. |        |         |                    |         |                  |         |      | \$64.00    |

**Note:**

- Cylinders in black print are stocked. Cylinders in red print are not stocked and are available to order.
- Dimensions in mm have been rounded to whole numbers.
- Full dimensions are on [Page 1.12](#).
- Pricing Examples:
 

|                           |                                                                        |
|---------------------------|------------------------------------------------------------------------|
| HC4019-175                | Use HC4020-175 = \$942.00                                              |
| HC4052-175                | HC4048-175 (\$1,625.00) + (4" x \$32.00) = \$1,753.00                  |
| HC4036-175 + 4" Stop Tube | HC4036-175 (\$1,353.00) + (4" x \$64.00) = \$1,609.00                  |
| HC4052-175 + 4" Stop Tube | HC4048-175 (\$1,625.00) + (4" x \$32.00) + (4" x \$64.00) = \$2,009.00 |
- Can be converted to Ø 1.25" Pin by the customer. Parts required (1 pcs Female Clevis & 2 pcs Clevis) on [Page 1.19](#).

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## 4.00" Bore x 2.00" Rod



| 4.0" Bore x 2.00" Rod                                                                                     |        |         |                    |         |                  |         |      |            |
|-----------------------------------------------------------------------------------------------------------|--------|---------|--------------------|---------|------------------|---------|------|------------|
| Order Code                                                                                                | Stroke |         | Closed Pin Centres |         | Open Pin Centres |         | Kg   | List Each  |
| HC4004-200                                                                                                | 4"     | 102 mm  | 16.25"             | 413 mm  | 20.25"           | 514 mm  | 19.2 | \$691.00   |
| HC4006-200                                                                                                | 6"     | 152 mm  | 18.25"             | 464 mm  | 24.25"           | 616 mm  | 20.9 | \$722.00   |
| HC4008-200                                                                                                | 8"     | 203 mm  | 20.25"             | 514 mm  | 28.25"           | 718 mm  | 22.6 | \$758.00   |
| HC4010-200                                                                                                | 10"    | 254 mm  | 22.25"             | 565 mm  | 32.25"           | 819 mm  | 24.3 | \$791.00   |
| HC4012-200                                                                                                | 12"    | 305 mm  | 24.25"             | 616 mm  | 36.25"           | 921 mm  | 26.0 | \$823.00   |
| HC4014-200                                                                                                | 14"    | 356 mm  | 26.25"             | 667 mm  | 40.25"           | 1022 mm | 27.7 | \$854.00   |
| HC4016-200                                                                                                | 16"    | 406 mm  | 28.25"             | 718 mm  | 44.25"           | 1124 mm | 29.4 | \$888.00   |
| HC4018-200                                                                                                | 18"    | 457 mm  | 30.25"             | 768 mm  | 48.25"           | 1226 mm | 31.1 | \$977.00   |
| HC4020-200                                                                                                | 20"    | 508 mm  | 32.25"             | 819 mm  | 52.25"           | 1327 mm | 32.8 | \$1,007.00 |
| HC4022-200                                                                                                | 22"    | 559 mm  | 34.25"             | 870 mm  | 56.25"           | 1429 mm | 34.5 | \$1,046.00 |
| HC4024-200                                                                                                | 24"    | 610 mm  | 36.25"             | 921 mm  | 60.25"           | 1530 mm | 36.2 | \$1,142.00 |
| HC4026-200                                                                                                | 26"    | 660 mm  | 38.25"             | 972 mm  | 64.25"           | 1632 mm | 37.9 | \$1,171.00 |
| HC4028-200                                                                                                | 28"    | 711 mm  | 40.25"             | 1022 mm | 68.25"           | 1734 mm | 39.6 | \$1,215.00 |
| HC4030-200                                                                                                | 30"    | 762 mm  | 42.25"             | 1073 mm | 72.25"           | 1835 mm | 41.3 | \$1,259.00 |
| HC4032-200                                                                                                | 32"    | 813 mm  | 44.25"             | 1124 mm | 76.25"           | 1937 mm | 43.0 | \$1,290.00 |
| HC4034-200                                                                                                | 34"    | 864 mm  | 46.25"             | 1175 mm | 80.25"           | 2038 mm | 44.7 | \$1,333.00 |
| HC4036-200                                                                                                | 36"    | 914 mm  | 48.25"             | 1226 mm | 84.25"           | 2140 mm | 46.4 | \$1,381.00 |
| HC4038-200                                                                                                | 38"    | 965 mm  | 50.25"             | 1276 mm | 88.25"           | 2242 mm | 48.1 | \$1,414.00 |
| HC4040-200                                                                                                | 40"    | 1016 mm | 52.25"             | 1327 mm | 92.25"           | 2343 mm | 49.8 | \$1,586.00 |
| HC4042-200                                                                                                | 42"    | 1067 mm | 54.25"             | 1378 mm | 96.25"           | 2445 mm | 51.5 | \$1,637.00 |
| HC4044-200                                                                                                | 44"    | 1118 mm | 56.25"             | 1429 mm | 100.25"          | 2546 mm | 53.2 | \$1,688.00 |
| HC4046-200                                                                                                | 46"    | 1168 mm | 58.25"             | 1480 mm | 104.25"          | 2648 mm | 54.9 | \$1,738.00 |
| HC4048-200                                                                                                | 48"    | 1219 mm | 60.25"             | 1530 mm | 108.25"          | 2750 mm | 56.6 | \$1,786.00 |
| For Strokes not listed and less than 48" use the next stroke size up.                                     |        |         |                    |         |                  |         |      |            |
| For Strokes above 48" add to HC4048-200 for every 1" or part thereof.                                     |        |         |                    |         |                  |         |      | \$36.00    |
| For Stop Tube add to cylinder price for every 1" or part thereof. Price includes Stop Tube, Barrel & Rod. |        |         |                    |         |                  |         |      | \$72.00    |

**Note:**

- Cylinders in black print are stocked. *Cylinders in red print are not stocked and are available to order.*
- Dimensions in mm have been rounded to whole numbers.
- Full dimensions are on [Page 1.12](#).
- Pricing Examples:
 

|                           |                                                                        |
|---------------------------|------------------------------------------------------------------------|
| HC4019-200                | Use HC4020-200 = \$1,007.00                                            |
| HC4052-200                | HC4048-200 (\$1,786.00) + (4" x \$36.00) = \$1,930.00                  |
| HC4036-200 + 4" Stop Tube | HC4036-200 (\$1,381.00) + (4" x \$72.00) = \$1,669.00                  |
| HC4052-200 + 4" Stop Tube | HC4048-200 (\$1,786.00) + (4" x \$36.00) + (4" x \$72.00) = \$2,218.00 |
- Can be converted to Ø 1.25" Pin by the customer. Parts required (1 pcs Female Clevis & 2 pcs Clevis) on [Page 1.19](#).*

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## 5.00" Bore x 2.00" Rod



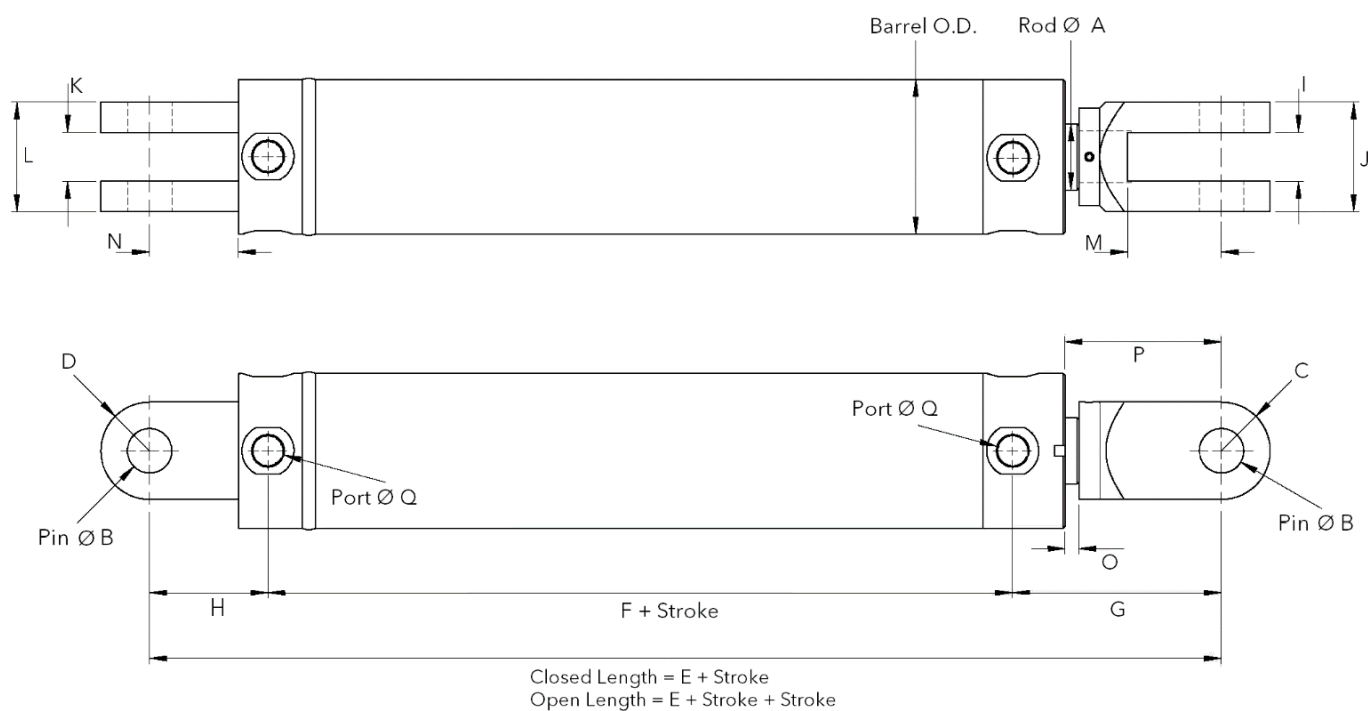
| 5.0" Bore x 2.00" Rod                                                                                     |        |         |                    |         |                  |         |      |            |
|-----------------------------------------------------------------------------------------------------------|--------|---------|--------------------|---------|------------------|---------|------|------------|
| Order Code                                                                                                | Stroke |         | Closed Pin Centres |         | Open Pin Centres |         | Kg   | List Each  |
| HC5004-200                                                                                                | 4"     | 102 mm  | 16.25"             | 413 mm  | 20.25"           | 514 mm  | 26.5 | \$985.00   |
| HC5006-200                                                                                                | 6"     | 152 mm  | 18.25"             | 464 mm  | 24.25"           | 616 mm  | 28.4 | \$1,024.00 |
| HC5008-200                                                                                                | 8"     | 203 mm  | 20.25"             | 514 mm  | 28.25"           | 718 mm  | 30.3 | \$1,063.00 |
| HC5010-200                                                                                                | 10"    | 254 mm  | 22.25"             | 565 mm  | 32.25"           | 819 mm  | 32.2 | \$1,101.00 |
| HC5012-200                                                                                                | 12"    | 305 mm  | 24.25"             | 616 mm  | 36.25"           | 921 mm  | 34.1 | \$1,203.00 |
| HC5014-200                                                                                                | 14"    | 356 mm  | 26.25"             | 667 mm  | 40.25"           | 1022 mm | 36.0 | \$1,242.00 |
| HC5016-200                                                                                                | 16"    | 406 mm  | 28.25"             | 718 mm  | 44.25"           | 1124 mm | 37.9 | \$1,286.00 |
| HC5018-200                                                                                                | 18"    | 457 mm  | 30.25"             | 768 mm  | 48.25"           | 1226 mm | 39.8 | \$1,331.00 |
| HC5020-200                                                                                                | 20"    | 508 mm  | 32.25"             | 819 mm  | 52.25"           | 1327 mm | 41.7 | \$1,374.00 |
| HC5022-200                                                                                                | 22"    | 559 mm  | 34.25"             | 870 mm  | 56.25"           | 1429 mm | 43.6 | \$1,416.00 |
| HC5024-200                                                                                                | 24"    | 610 mm  | 36.25"             | 921 mm  | 60.25"           | 1530 mm | 45.5 | \$1,457.00 |
| HC5026-200                                                                                                | 26"    | 660 mm  | 38.25"             | 972 mm  | 64.25"           | 1632 mm | 47.4 | \$1,505.00 |
| HC5028-200                                                                                                | 28"    | 711 mm  | 40.25"             | 1022 mm | 68.25"           | 1734 mm | 49.3 | \$1,553.00 |
| HC5030-200                                                                                                | 30"    | 762 mm  | 42.25"             | 1073 mm | 72.25"           | 1835 mm | 51.2 | \$1,606.00 |
| HC5032-200                                                                                                | 32"    | 813 mm  | 44.25"             | 1124 mm | 76.25"           | 1937 mm | 53.1 | \$1,659.00 |
| HC5034-200                                                                                                | 34"    | 864 mm  | 46.25"             | 1175 mm | 80.25"           | 2038 mm | 55.0 | \$1,711.00 |
| HC5036-200                                                                                                | 36"    | 914 mm  | 48.25"             | 1226 mm | 84.25"           | 2140 mm | 56.9 | \$1,764.00 |
| HC5038-200                                                                                                | 38"    | 965 mm  | 50.25"             | 1276 mm | 88.25"           | 2242 mm | 58.8 | \$1,817.00 |
| HC5040-200                                                                                                | 40"    | 1016 mm | 52.25"             | 1327 mm | 92.25"           | 2343 mm | 60.7 | \$1,870.00 |
| HC5042-200                                                                                                | 42"    | 1067 mm | 54.25"             | 1378 mm | 96.25"           | 2445 mm | 62.6 | \$1,923.00 |
| HC5044-200                                                                                                | 44"    | 1118 mm | 56.25"             | 1429 mm | 100.25"          | 2546 mm | 64.5 | \$1,970.00 |
| HC5046-200                                                                                                | 46"    | 1168 mm | 58.25"             | 1480 mm | 104.25"          | 2648 mm | 66.4 | \$2,023.00 |
| HC5048-200                                                                                                | 48"    | 1219 mm | 60.25"             | 1530 mm | 108.25"          | 2750 mm | 68.3 | \$2,075.00 |
| For Strokes not listed and less than 48" use the next stroke size up.                                     |        |         |                    |         |                  |         |      |            |
| For Strokes above 48" add to HC5048-200 for every 1" or part thereof.                                     |        |         |                    |         |                  |         |      | \$40.00    |
| For Stop Tube add to cylinder price for every 1" or part thereof. Price includes Stop Tube, Barrel & Rod. |        |         |                    |         |                  |         |      | \$80.00    |

**Note:**

- Cylinders in black print are stocked. *Cylinders in red print are not stocked and are available to order.*
- Dimensions in mm have been rounded to whole numbers.
- Full dimensions are on [Page 1.12](#).
- Pricing Examples:
 

|                           |                                                                        |
|---------------------------|------------------------------------------------------------------------|
| HC5019-200                | Use HC5020-200 = \$1,374.00                                            |
| HC5052-200                | HC5048-200 (\$2,075.00) + (4" x \$40.00) = \$2,235.00                  |
| HC5036-200 + 4" Stop Tube | HC5036-200 (\$1,764.00) + (4" x \$80.00) = \$2,084.00                  |
| HC5052-200 + 4" Stop Tube | HC5048-200 (\$2,075.00) + (4" x \$40.00) + (4" x \$80.00) = \$2,555.00 |

## Dimensions



| Bore Ø      | 1.5"                 | 2.0"                 | 2.0"                  | 2.5"                  | 3.0"                  | 3.5"                  | 4.0"                  | 5.0"                  |
|-------------|----------------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Rod Ø A     | 0.875"               | 1.00"                | 1.25"                 | 1.50"                 | 1.50"                 | 1.75"                 | 1.75" or 2.00"        | 2.00"                 |
| Pin Ø B     | 0.75"<br>19.05       | 0.75"<br>19.05       | 1.00"<br>25.4         | 1.00"<br>25.4         | 1.00"<br>25.4         | 1.00"<br>25.4         | 1.00"<br>25.4         | 1.25"<br>31.75        |
| C           | 23                   | 23                   | 28                    | 28                    | 28                    | 28                    | 28                    | 34                    |
| D           | 23                   | 23                   | 25                    | 28                    | 28                    | 33                    | 34                    | 34                    |
| E<br>± 3 mm | 9.50"<br>241         | 9.50"<br>241         | 12.25"<br>311         | 12.25"<br>311         | 12.25"<br>311         | 12.25"<br>311         | 12.25"<br>311         | 12.25"<br>311         |
| F           | 105                  | 104                  | 123                   | 123                   | 123                   | 123                   | 126                   | 132                   |
| G           | 90                   | 88                   | 120                   | 120                   | 120                   | 120                   | 117                   | 106                   |
| H           | 46                   | 49                   | 68                    | 68                    | 68                    | 68                    | 68                    | 73                    |
| I           | 22                   | 22                   | 28                    | 28                    | 28                    | 28                    | 28                    | 28                    |
| J           | 46                   | 46                   | 63                    | 63                    | 63                    | 63                    | 63                    | 68                    |
| K           | 22                   | 22                   | 28                    | 28                    | 28                    | 28                    | 28                    | 28                    |
| L           | 46                   | 46                   | 60                    | 63                    | 63                    | 63                    | 63                    | 68                    |
| M           | 32                   | 32                   | 54                    | 54                    | 54                    | 54                    | 54                    | 54                    |
| N           | 32                   | 32                   | 51                    | 51                    | 51                    | 51                    | 51                    | 51                    |
| O           | 9                    | 6                    | 8                     | 8                     | 8                     | 8                     | 8                     | 6                     |
| P           | 61                   | 58                   | 90                    | 90                    | 90                    | 90                    | 90                    | 88                    |
| Port Ø Q    | 9/16" UNO<br>(SAE 6) | 9/16" UNO<br>(SAE 6) | 9/16" UNO<br>(SAE 6)  | 3/4" UNO<br>(SAE 8)   | 3/4" UNO<br>(SAE 8)   | 3/4" UNO<br>(SAE 8)   | 3/4" UNO<br>(SAE 8)   | 3/4" UNO<br>(SAE 8)   |
| Barrel O.D. | 2.0"<br>51           | 2.5"<br>64           | 2.5"<br>64            | 3.0"<br>76            | 3.5"<br>89            | 4.0"<br>102           | 4.5"<br>114           | 5.5"<br>140           |
| Rod Thread  | 3/4" UNF<br>x 20 mm  | 3/4" UNF<br>x 20 mm  | 1-1/4" UNF<br>x 28 mm | 1-1/4" UNF<br>x 28 mm | 1-1/4" UNF<br>x 28 mm | 1-1/4" UNF<br>x 28 mm | 1-1/4" UNF<br>x 28 mm | 1-1/2" UNF<br>x 28 mm |

## Maximum Force & Pressure

The chart gives the maximum extension force at full stroke and exceeding these limits may result in rod buckling. The values are based on a safety factor of 2 with the cylinder operating vertical and fully guided. For horizontal or operating in an arc these values may have to be reduced.

|      | Stroke | 8"                                                          | 10"        | 12"        | 16"        | 18"        | 20"        | 24"        | 30"        | 36"      | 42"      | 48"      |                                       |
|------|--------|-------------------------------------------------------------|------------|------------|------------|------------|------------|------------|------------|----------|----------|----------|---------------------------------------|
| Bore | Rod    | Maximum Extension Force<br>(Vertical & Guided)<br>kN<br>bar |            |            |            |            |            |            |            |          |          |          | Maximum Retraction Force<br>kN<br>bar |
| 1.5" | 0.875" | 23<br>207                                                   | 22<br>193  | 17<br>149  | 11<br>96   | 9<br>79    | 8<br>70    | 6<br>53    | 4<br>35    | 3<br>26  | 2<br>17  | 1<br>9   | 15<br>207                             |
| 2.0" | 1.00"  | 42<br>207                                                   | 38<br>187  | 29<br>143  | 19<br>94   | 16<br>79   | 13<br>64   | 10<br>49   | 7<br>34    | 5<br>25  | 4<br>20  | 3<br>15  | 31<br>207                             |
| 2.0" | 1.25"  | 42<br>207                                                   | 42<br>207  | 38<br>187  | 25<br>123  | 21<br>104  | 17<br>84   | 13<br>64   | 9<br>44    | 7<br>34  | 5<br>25  | 4<br>20  | 25<br>207                             |
| 2.5" | 1.50"  | 65<br>207                                                   | 65<br>207  | 65<br>207  | 65<br>207  | 65<br>207  | 61<br>193  | 46<br>145  | 32<br>101  | 23<br>73 | 18<br>57 | 14<br>44 | 42<br>207                             |
| 3.0" | 1.50"  | 94<br>207                                                   | 94<br>207  | 94<br>207  | 85<br>186  | 71<br>156  | 61<br>134  | 46<br>101  | 32<br>70   | 23<br>50 | 18<br>39 | 14<br>31 | 71<br>207                             |
| 3.5" | 1.75"  | 128<br>207                                                  | 128<br>207 | 128<br>207 | 128<br>207 | 128<br>207 | 113<br>182 | 85<br>137  | 59<br>95   | 43<br>69 | 33<br>53 | 26<br>42 | 96<br>207                             |
| 4.0" | 1.75"  | 168<br>207                                                  | 168<br>207 | 168<br>207 | 157<br>194 | 132<br>163 | 113<br>139 | 85<br>105  | 59<br>73   | 43<br>53 | 33<br>41 | 26<br>32 | 135<br>207                            |
| 4.0" | 2.00"  | 168<br>207                                                  | 168<br>207 | 168<br>207 | 168<br>207 | 168<br>207 | 168<br>207 | 144<br>178 | 100<br>123 | 74<br>91 | 57<br>70 | 45<br>55 | 126<br>207                            |
| 5.0" | 2.00"  | 262<br>207                                                  | 262<br>207 | 262<br>207 | 262<br>207 | 225<br>178 | 192<br>152 | 144<br>114 | 100<br>79  | 74<br>58 | 57<br>45 | 45<br>35 | 220<br>207                            |

1 kN = 102 kgf = 225 lbf

1 bar = 14.5 psi

## Cylinder Speed

Maximum cylinder velocity is 1.0 m/sec.

## Single Acting Applications

To assist in preventing the ingress of contamination we recommend at a minimum the installation of a breather plug into the air side cylinder port. Connecting a hose from the air side back to the reservoir can further increase cylinder life.

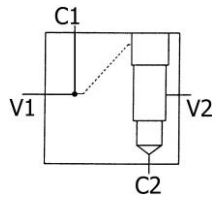
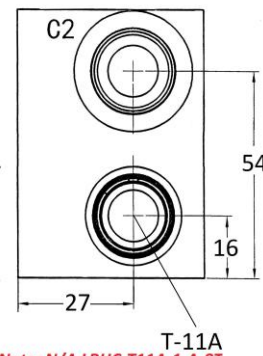
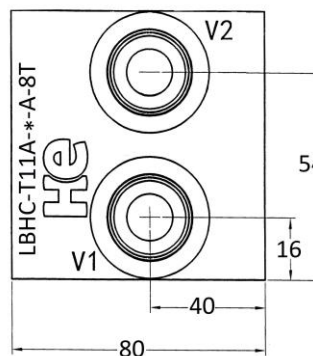
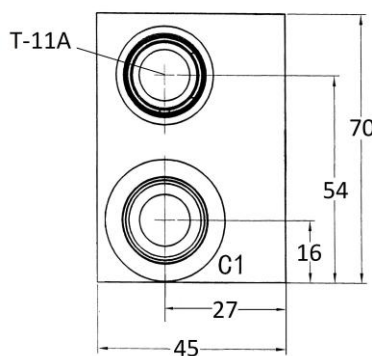
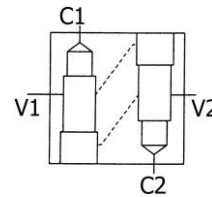
## Cylinder Mount Counterbalance & Pilot Operated Check Valves



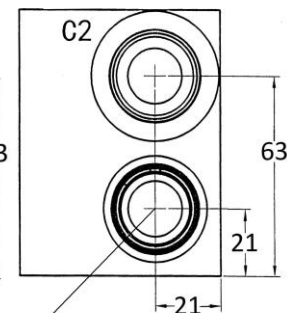
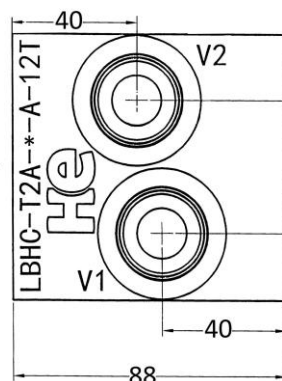
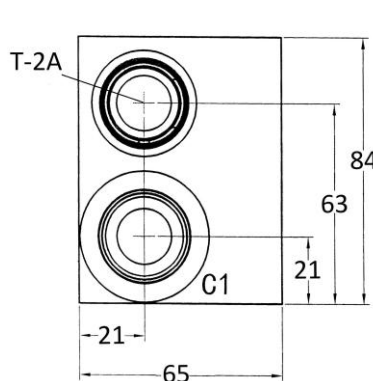
| Order Code       | Cavity    | Ports       | Material              | Max. Pressure (bar) | List Each |
|------------------|-----------|-------------|-----------------------|---------------------|-----------|
| LBHC-T11A-1-A-8T | T-11A x 1 | 3/4" UNO    | Aluminium<br>(6061T6) | 210                 | \$134.00  |
| LBHC-T11A-2-A-8T | T-11A x 2 |             |                       |                     | \$160.00  |
| LBHC-T2A-1-A-12T | T-2A x 1  | 1 1/16" UNO |                       |                     | \$182.00  |
| LBHC-T2A-2-A-12T | T-2A x 2  |             |                       |                     | \$210.00  |

**Note:**

- *LBHC-T\*A-1-A-\*T (single cavity body), load is held on port C2.*
- *Cartridge Information on [Page 1.15](#).*

**LBHC-T\*A-1-A-\*T**

**LBHC-T\*A-2-A-\*T**


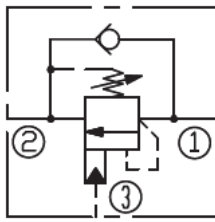
Note: N/A LBHC-T11A-1-A-8T



Note: N/A LBHC-T2A-1-A-12T

Continued Next Page

## Counterbalance Valves

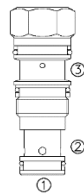
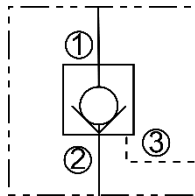


| Order Code | Cavity | Max. Flow (L/min) | Pilot Ratio | Free Flow Cracking Pressure (bar) | Adjustable Pressure (bar) | Factory Set (bar) | List Each |
|------------|--------|-------------------|-------------|-----------------------------------|---------------------------|-------------------|-----------|
| LCBCA-LAN  | T-11A  | 60                | 3 : 1       | 0.3                               | 70 - 280                  | 210               | \$165.00  |
| LCBCA-LHN  |        |                   | 3 : 1       | 1.7                               | 70 - 280                  | 210               | \$165.00  |
| LCBCA-LIN  |        |                   | 3 : 1       | 1.7                               | 25 - 105                  | 70                | \$165.00  |
| LCBCH-LIN  |        |                   | 10 : 1      | 1.7                               | 140 - 350                 | 210               | \$178.00  |
| LCBEA-LHN  | T-2A   | 120               | 3 : 1       | 1.7                               | 70 - 280                  | 210               | \$246.00  |

### Note:

- Two check valve cracking pressures are available. Use the 1.7 bar check unless actuator cavitation is a concern. Generally, the 1.7 bar check spring is recommended for most applications as it is more robust and insensitive to rapid flow reversals. The 0.3 bar check spring should be used if there is a need to pull in make-up oil.
- Counterbalance valves should be set at least 1.3 times the maximum load induced pressure and 1.5 times when valve is set below 140 bar.
- Additional information available on [Page 9.20](#).

## Pilot Operated Check Valves



| Order Code | Cavity | Max. Flow (L/min) | Max. Pressure (bar) | Pilot Ratio | Pilot Piston Seal | Free Flow Cracking Pressure (bar) | List Each |
|------------|--------|-------------------|---------------------|-------------|-------------------|-----------------------------------|-----------|
| LCKCB-XCN  | T-11A  | 60                | 350                 | 3 : 1       | No                | 2.0                               | \$123.00  |
| LCKCD-XCN  |        |                   |                     |             | Yes               |                                   |           |

## Elbow Fittings



| Order Code     | Threads              | HC Cylinder Bore | List Each |
|----------------|----------------------|------------------|-----------|
| 6807-08-06-NWO | 3/4" UNO x 9/16" UNO | 1.5" - 2.0"      | \$31.00   |
| 6807-08-08-NWO | 3/4" UNO x 3/4" UNO  | 2.5" - 5.0"      |           |

### Note:

- Elbow Fitting allows direct mounting of body to cylinder port. Not available for LBHC-T2A-\*A-12T.
- Tube & fittings from body to the other cylinder port are not supplied.
- LBHC-T\*A-1-A -\*T (single cavity body), load is held on port C2.

## Accessories & Spare Parts



**Male Rod Clevis**      **Male Rod Clevis With Bronze Bushes**      **Female Rod Clevis**      **Male Clevis Plate**      **Swivel Foot Mount**

|                    | Male Rod Clevis            | Male Rod Clevis With Bronze Bushes | Female Rod Clevis           | Male Clevis Plate    | Swivel Foot Mount    |
|--------------------|----------------------------|------------------------------------|-----------------------------|----------------------|----------------------|
| <b>HC15XX-875</b>  | N/A                        | N/A                                | HC075-075CLEVIS<br>\$90.00  | HC075MCP<br>\$127.00 | N/A                  |
| <b>HCS20XX-100</b> | N/A                        | N/A                                | HC075-075CLEVIS<br>\$90.00  | HC075MCP<br>\$127.00 | N/A                  |
| <b>HC20XX-125</b>  | HC100-125BLOCK<br>\$168.00 | HC100-125BLOCK - BUSH<br>\$217.00  | HC100-125CLEVIS<br>\$105.00 | HC100MCP<br>\$152.00 | HC125SFM<br>\$300.00 |
| <b>HC25XX-150</b>  | HC100-125BLOCK<br>\$168.00 | HC100-125BLOCK - BUSH<br>\$217.00  | HC100-125CLEVIS<br>\$105.00 | HC100MCP<br>\$152.00 | HC125SFM<br>\$300.00 |
| <b>HC30XX-150</b>  | HC100-125BLOCK<br>\$168.00 | HC100-125BLOCK - BUSH<br>\$217.00  | HC100-125CLEVIS<br>\$105.00 | HC100MCP<br>\$152.00 | HC125SFM<br>\$300.00 |
| <b>HC35XX-175</b>  | HC100-125BLOCK<br>\$168.00 | HC100-125BLOCK - BUSH<br>\$217.00  | HC100-125CLEVIS<br>\$105.00 | HC100MCP<br>\$152.00 | HC125SFM<br>\$300.00 |
| <b>HC40XX-175</b>  | HC100-125BLOCK<br>\$168.00 | HC100-125BLOCK - BUSH<br>\$217.00  | HC100-125CLEVIS<br>\$105.00 | HC100MCP<br>\$152.00 | HC125SFM<br>\$300.00 |
| <b>HC40XX-200</b>  | HC100-125BLOCK<br>\$168.00 | HC100-125BLOCK - BUSH<br>\$217.00  | HC100-125CLEVIS<br>\$105.00 | HC100MCP<br>\$152.00 | HC125SFM<br>\$300.00 |
| <b>HC50XX-200</b>  | N/A                        | N/A                                | HC125-150CLEVIS<br>\$120.00 | HC125MCP<br>\$287.00 | HC150SFM<br>\$300.00 |

**Note:**

- Male & Female Rod Clevis are supplied with Grub Screw, Plastic Insert & Grease Nipple.
- Male Rod Clevis dimensions are the same as Female Rod Clevis fitted to 2.0" Bore x 1.25" Rod to 4.0" Bore x 1.75" or 2.00" Rod cylinders. Refer to [Page 1.12](#).
- Male Clevis Plate is not supplied with mounting screws. It is manufactured from Cast Steel and can be welded. Dimensions & Maximum Force are on [Page 1.21](#).
- Swivel Foot Mount is supplied with a Grease Nipple. There is no Grub Screw & Plastic Insert. The parts are not assembled.  
Customer to supply and weld their own Foot Plate.  
The photo above is shown with customer supplied and fitted Foot Plate.  
Dimensions on [Page 1.22](#).

Continued Next Page


**Pin & Clip for Female Clevis**

**Anti-Rotation Pin**

**Breather Plug**

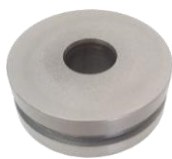
**Seal Kit**

|                    | Pin & Clip for<br>Female Rod Clevis | Clevis Pin Clip      | Anti-Rotation Pin for<br>Female Rod Clevis | Breather Plug         | Seal Kit                |
|--------------------|-------------------------------------|----------------------|--------------------------------------------|-----------------------|-------------------------|
| <b>HC15XX-875</b>  | HC075PIN<br>\$28.00                 | HC100CLIP<br>\$6.00  | N/A                                        | HC-BP-SAE6<br>\$28.00 | HC15-875SK<br>\$103.00  |
| <b>HCS20XX-100</b> | HC075PIN<br>\$28.00                 | HC100CLIP<br>\$6.00  | N/A                                        | HC-BP-SAE6<br>\$28.00 | HCS20-100SK<br>\$105.00 |
| <b>HC20XX-125</b>  | HC100PIN<br>\$30.00                 | HC100CLIP<br>\$6.00  | HC100PIN-ARGx65<br>\$59.00                 | HC-BP-SAE6<br>\$28.00 | HC20-125SK<br>\$110.00  |
| <b>HC25XX-150</b>  | HC100PIN<br>\$30.00                 | HC100CLIP<br>\$6.00  | HC100PIN-ARGx65<br>\$59.00                 | HC-BP-SAE8<br>\$33.00 | HC25-150SK<br>\$129.00  |
| <b>HC30XX-150</b>  | HC100PIN<br>\$30.00                 | HC100CLIP<br>\$6.00  | HC100PIN-ARGx65<br>\$59.00                 | HC-BP-SAE8<br>\$33.00 | HC30-150SK<br>\$133.00  |
| <b>HC35XX-175</b>  | HC100PIN<br>\$30.00                 | HC100CLIP<br>\$6.00  | HC100PIN-ARGx65<br>\$59.00                 | HC-BP-SAE8<br>\$33.00 | HC35-175SK<br>\$159.00  |
| <b>HC40XX-175</b>  | HC100PIN<br>\$30.00                 | HC100CLIP<br>\$6.00  | HC100PIN-ARGx65<br>\$59.00                 | HC-BP-SAE8<br>\$33.00 | HC40-175SK<br>\$178.00  |
| <b>HC40XX-200</b>  | HC100PIN<br>\$30.00                 | HC100CLIP<br>\$6.00  | HC100PIN-ARGx65<br>\$59.00                 | HC-BP-SAE8<br>\$33.00 | HC40-200SK<br>\$209.00  |
| <b>HC50XX-200</b>  | HC125PIN<br>\$36.00                 | HC125CLIP<br>\$14.00 | HC125PIN-ARGx70<br>\$70.00                 | HC-BP-SAE8<br>\$33.00 | HC50-200SK<br>\$270.00  |

**Note:**

- Seal Kit supplied with Nyloc Nut.
- Anti-Rotation Pin supplied with Grease Nipple & Retaining Screw (M6x20).  
It is the customers responsibility to machine M6 thread for Retaining Screw.

**Continued Next Page**


**Gland**

**Piston**

**Base End Cap**

**Steel Port Plug**

|                    | Gland                   | Piston            | Base End Cap        | Steel Port Plug       |
|--------------------|-------------------------|-------------------|---------------------|-----------------------|
| <b>HC15XX-875</b>  | HC15-875G<br>\$97.00    | HC15P<br>\$37.00  | HC15BEC<br>\$80.00  | PLUG-SAE6-S<br>\$7.00 |
| <b>HCS20XX-100</b> | HCS200-100G<br>\$112.00 | HCS20P<br>\$49.00 | HCS20BEC<br>\$81.00 | PLUG-SAE6-S<br>\$7.00 |
| <b>HC20XX-125</b>  | HC20-125G<br>\$114.00   | HC20P<br>\$51.00  | HC20BEC<br>\$86.00  | PLUG-SAE6-S<br>\$7.00 |
| <b>HC25XX-150</b>  | HC25-150G<br>\$139.00   | HC25P<br>\$61.00  | HC25BEC<br>\$90.00  | PLUG-SAE8-S<br>\$8.00 |
| <b>HC30XX-150</b>  | HC30-150G<br>\$167.00   | HC30P<br>\$76.00  | HC30BEC<br>\$103.00 | PLUG-SAE8-S<br>\$8.00 |
| <b>HC35XX-175</b>  | HC35-175G<br>\$199.00   | HC35P<br>\$90.00  | HC35BEC<br>\$118.00 | PLUG-SAE8-S<br>\$8.00 |
| <b>HC40XX-175</b>  | HC40-175G<br>\$224.00   | HC40P<br>\$106.00 | HC40BEC<br>\$139.00 | PLUG-SAE8-S<br>\$8.00 |
| <b>HC40XX-200</b>  | HC40-200G<br>\$224.00   | HC40P<br>\$106.00 | HC40BEC<br>\$139.00 | PLUG-SAE8-S<br>\$8.00 |
| <b>HC50XX-200</b>  | HC50-200G<br>\$307.00   | HC50P<br>\$168.00 | HC50BEC<br>\$244.00 | PLUG-SAE8-S<br>\$8.00 |

*Continued Next Page*

| Order Code                                 | Description                                                                                                   | List Each |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------|
| <b>Male Rod Clevis</b>                     |                                                                                                               |           |
| HC100-125BLOCK                             | Ø 1.00" Pin x 1-1/4" UNF Female Thread<br>Supplied with a Grease Nipple, Grub Screw & Insert                  | \$168.00  |
| <b>Male Rod Clevis With Bronze Bushes</b>  |                                                                                                               |           |
| HC100-125BLOCK - BUSH                      | Ø 1.00" Pin x 1-1/4" UNF Female Thread<br>Supplied with a Grease Nipple, Grub Screw & Insert                  | \$217.00  |
| <b>Female Rod Clevis</b>                   |                                                                                                               |           |
| HC075-075CLEVIS                            | Ø 0.75" Pin x 3/4" UNF Female Thread<br>Supplied with a Grub Screw & Insert                                   | \$90.00   |
| HC100-125CLEVIS                            | Ø 1.00" Pin x 1-1/4" UNF Female Thread<br>Supplied with a Grub Screw & Insert                                 | \$105.00  |
| HC125-125CLEVIS                            | Ø 1.25" Pin x 1-1/4" UNF Female Thread (Suits HC40XX-175 & HC40XX-200)<br>Supplied with a Grub Screw & Insert | \$120.00  |
| HC125-150CLEVIS                            | Ø 1.25" Pin x 1-1/2" UNF Female Thread<br>Supplied with a Grub Screw & Insert                                 | \$120.00  |
| <b>Grub Screw &amp; Plastic Insert</b>     |                                                                                                               |           |
| HC-SCREW                                   | Suits all Male & Female Rod Clevises                                                                          | \$9.00    |
| HC-INSERT                                  | Plastic Insert for use with Grub Screw (Suits all Male & Female Rod Clevises)                                 | \$3.00    |
| <b>Male Clevis Plate</b>                   |                                                                                                               |           |
| HC075MCP                                   | Suits Ø 0.75" Pin                                                                                             | \$127.00  |
| HC100MCP                                   | Suits Ø 1.00" Pin                                                                                             | \$152.00  |
| HC125MCP                                   | Suits Ø 1.25" Pin                                                                                             | \$287.00  |
| <b>Swivel Foot Mount</b>                   |                                                                                                               |           |
| HC125SFM                                   | 1-1/4" UNF Female Thread                                                                                      | \$300.00  |
| HC150SFM                                   | 1-1/2" UNF Female Thread                                                                                      | \$300.00  |
| <b>Pin &amp; Clip for Female Clevis</b>    |                                                                                                               |           |
| HC075PIN                                   | Ø 0.75" Pin x 46 mm Maximum Clevis Width                                                                      | \$28.00   |
| HC100PIN                                   | Ø 1.00" Pin x 63 mm Maximum Clevis Width                                                                      | \$30.00   |
| HC125PIN                                   | Ø 1.25" Pin x 68 mm Maximum Clevis Width                                                                      | \$36.00   |
| <b>Anti-Rotation Pin for Female Clevis</b> |                                                                                                               |           |
| HC100PIN-ARGx65                            | Ø 1.00" Pin x 63 mm Maximum Clevis Width                                                                      | \$59.00   |
| HC125PIN-ARGx70                            | Ø 1.25" Pin x 68 mm Maximum Clevis Width                                                                      | \$70.00   |
| <b>Breather Plug</b>                       |                                                                                                               |           |
| PLUG-SAE6-S                                | 9/16" UNO - Suits HC15XX-875, HCS20XX-100, HC20XX-125                                                         | \$7.00    |
| PLUG-SAE8-S                                | 3/4" UNO - Suits HC25XX-150 to HC50XX-200                                                                     | \$8.00    |
| <b>Seal Kit</b>                            |                                                                                                               |           |
| HC15-875SK                                 | Suits HC15XX-875                                                                                              | \$103.00  |
| HCS20-100SK                                | Suits HCS20XX-100                                                                                             | \$105.00  |
| HC20-125SK                                 | Suits HC20XX-125                                                                                              | \$110.00  |
| HC25-150SK                                 | Suits HC25XX-150                                                                                              | \$129.00  |
| HC30-150SK                                 | Suits HC30XX-150                                                                                              | \$133.00  |
| HC35-175SK                                 | Suits HC35XX-175                                                                                              | \$159.00  |
| HC40-175SK                                 | Suits HC40XX-175                                                                                              | \$178.00  |
| HC40-200SK                                 | Suits HC40XX-200                                                                                              | \$209.00  |
| HC50-200SK                                 | Suits HC50XX-200                                                                                              | \$270.00  |

Continued Next Page

| Gland           |                                                       |          |
|-----------------|-------------------------------------------------------|----------|
| HC15-875G       | Suits HC15XX-875                                      | \$97.00  |
| HCS20-100G      | Suits HCS20XX-100                                     | \$112.00 |
| HC20-125G       | Suits HC20XX-125                                      | \$114.00 |
| HC25-150G       | Suits HC25XX-150                                      | \$139.00 |
| HC30-150G       | Suits HC30XX-150                                      | \$167.00 |
| HC35-175G       | Suits HC35XX-175                                      | \$199.00 |
| HC40-175G       | Suits HC40XX-175                                      | \$224.00 |
| HC40-200G       | Suits HC40XX-200                                      | \$224.00 |
| HC50-200G       | Suits HC50XX-200                                      | \$307.00 |
| Piston          |                                                       |          |
| HC15P           | Suits HC15XX-875                                      | \$37.00  |
| HCS20P          | Suits HCS20XX-100                                     | \$49.00  |
| HC20P           | Suits HC20XX-125                                      | \$51.00  |
| HC25P           | Suits HC25XX-150                                      | \$61.00  |
| HC30P           | Suits HC30XX-150                                      | \$76.00  |
| HC35P           | Suits HC35XX-175                                      | \$90.00  |
| HC40P           | Suits HC40XX-175 & HC40XX-200                         | \$106.00 |
| HC50P           | Suits HC50XX-200                                      | \$168.00 |
| Base End Cap    |                                                       |          |
| HC15BEC         | Suits HC15XX-875                                      | \$80.00  |
| HCS20BEC        | Suits HCS20XX-100                                     | \$81.00  |
| HC20BEC         | Suits HC20XX-125                                      | \$86.00  |
| HC25BEC         | Suits HC25XX-150                                      | \$90.00  |
| HC30BEC         | Suits HC30XX-150                                      | \$103.00 |
| HC35BEC         | Suits HC35XX-175                                      | \$118.00 |
| HC40BEC         | Suits HC40XX-175 & HC40XX-200                         | \$139.00 |
| HC50BEC         | Suits HC50XX-200                                      | \$244.00 |
| Steel Port Plug |                                                       |          |
| PLUG-SAE6-S     | 9/16" UNO - Suits HC15XX-875, HCS20XX-100, HC20XX-125 | \$7.00   |
| PLUG-SAE8-S     | 3/4" UNO - Suits HC25XX-150 to HC50XX-200             | \$8.00   |

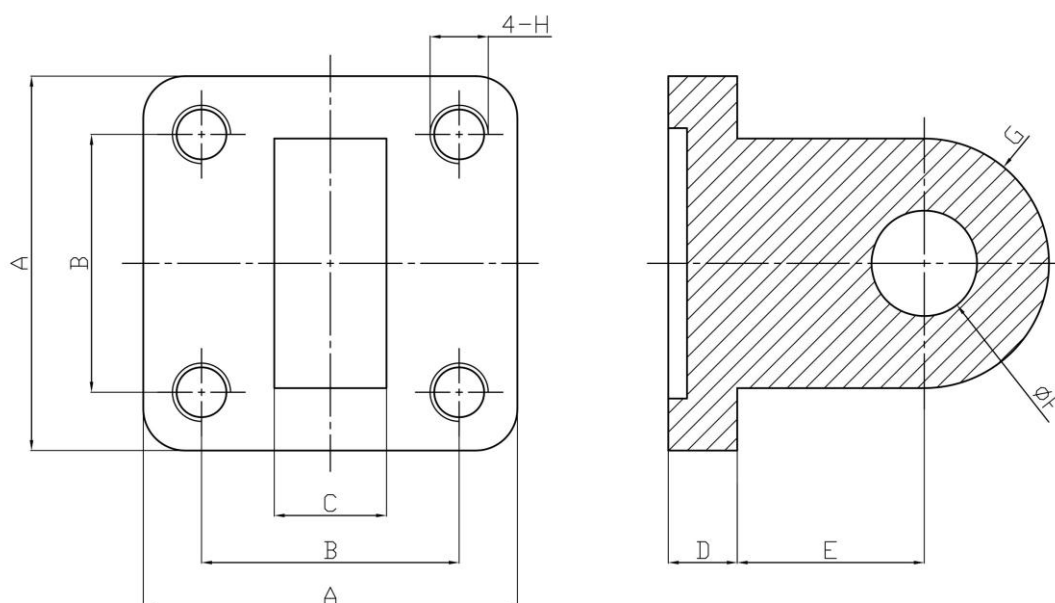
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## Male Clevis Plate



| Bore | Rod    | Maximum Extension Force |     | Maximum Retraction Force |     |
|------|--------|-------------------------|-----|--------------------------|-----|
|      |        | kN                      | bar | kN                       | bar |
| 1.5" | 0.875" | 23                      | 207 | 15                       | 207 |
| 2.0" | 1.00"  | 42                      | 207 | 31                       | 207 |
| 2.0" | 1.25"  | 42                      | 207 | 25                       | 207 |
| 2.5" | 1.50"  | 65                      | 207 | 42                       | 207 |
| 3.0" | 1.50"  | 94                      | 207 | 71                       | 207 |
| 3.5" | 1.75"  | 128                     | 207 | 96                       | 207 |
| 4.0" | 1.75"  | 168                     | 207 | 135                      | 207 |
| 4.0" | 2.00"  | 168                     | 207 | 126                      | 207 |
| 5.0" | 2.00"  | 262                     | 207 | 170                      | 160 |

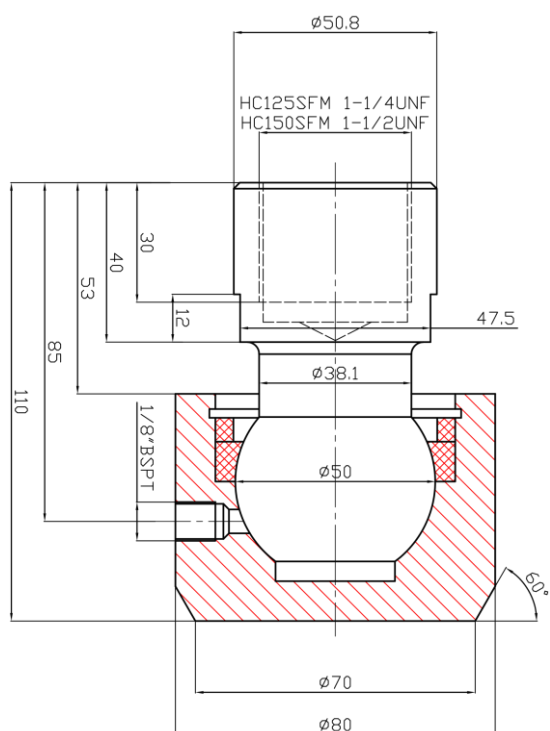
**Note:** Check Cylinder **Maximum Force & Pressure** on [Page 1.13](#). *The lower Force of the two is applicable.*



| Order Code | A   | B  | C  | D  | E  | F    | G  | H          |
|------------|-----|----|----|----|----|------|----|------------|
| HC075MCP   | 80  | 56 | 20 | 17 | 35 | 19.5 | 20 | M12 x 1.75 |
| HC100MCP   | 90  | 62 | 26 | 17 | 45 | 25.6 | 30 | M14 x 2.00 |
| HC125MCP   | 110 | 80 | 26 | 20 | 50 | 31.9 | 30 | M16 x 2.00 |

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## Swivel Foot Mount



**Swivel Foot Mount as supplied**



**Swivel Foot Mount shown with  
customer supplied and fitted Foot Plate**