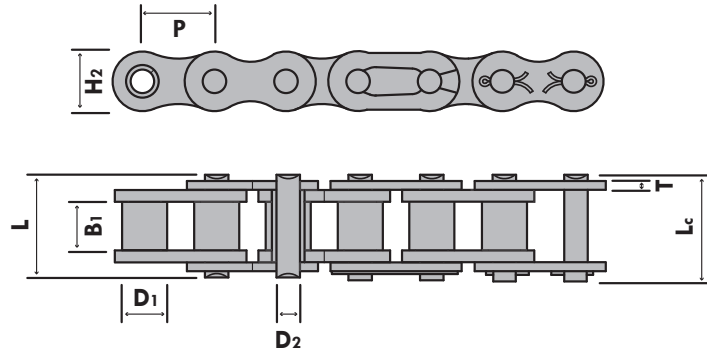




Features & Benefits

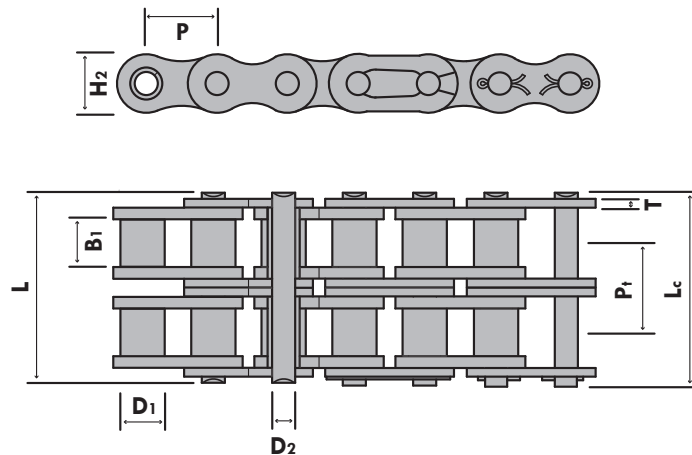
- POWERDRIVE Roller Chain is manufactured to BS228, ISO 606, DIN8187, DIN8188 standards.
- Designed for demanding drives in Industry & Agriculture
- Comprehensive range of Simplex, Duplex & Triplex British Standard & American Standard.
- Manufactured with hardened pins to prevent wear and stretch and also make it easy to dismantle.
- Heavy duty American standard available for extra tough conditions.
- Consistent quality, branded product. Each outer link carries the POWERDRIVE logo.

BRITISH STANDARD - SIMPLEX



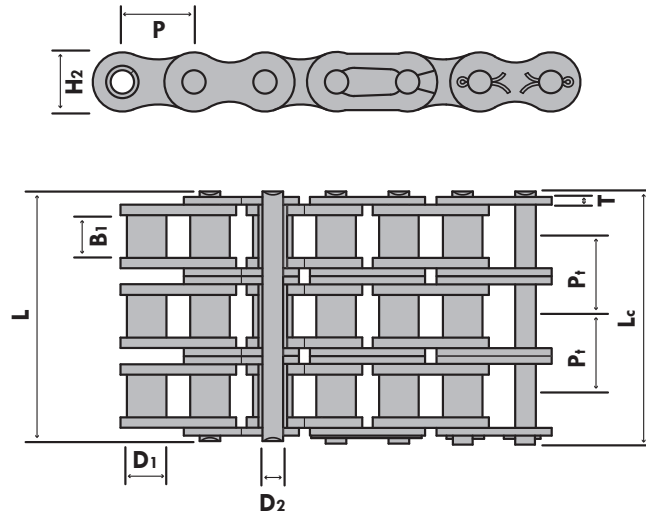
| ISO CHAIN NO. | Pitch | | Roller Diameter | Width between inner plates | Pin dia meter | Pin length | | Inner plate depth | Plate thickness | Ultimate tensile strength | Average tensile strength | Weight per meter |
|---------------|--------|--------|-----------------|----------------------------|---------------|------------|--------|-------------------|-----------------|---------------------------|--------------------------|------------------|
| | P | | | | | D1 max | B1 min | | | | | |
| | inch | mm | mm | mm | mm | | | mm | mm | mm | mm | kN/LB |
| 04B-1 | 1/4" | 6.000 | 4.00 | 2.80 | 1.85 | 6.80 | 7.8 | 5.00 | 0.60 | 3.0/682 | 3.2 | 0.11 |
| 05B-1 | 5/16" | 8.000 | 5.00 | 3.00 | 2.31 | 8.20 | 8.9 | 7.10 | 0.80 | 5.0/1136 | 5.9 | 0.20 |
| 06B-1 | 3/8" | 9.525 | 6.35 | 5.72 | 3.28 | 13.15 | 14.1 | 8.20 | 1.30 | 9.0/2045 | 10.4 | 0.41 |
| 08B-1 | 1/2" | 12.700 | 8.51 | 7.75 | 4.45 | 16.70 | 18.2 | 11.80 | 1.60 | 18.0/4091 | 19.4 | 0.69 |
| 10B-1 | 5/8" | 15.875 | 10.16 | 9.65 | 5.08 | 19.50 | 20.9 | 14.70 | 1.70 | 22.4/5091 | 27.5 | 0.93 |
| 12B-1 | 3/4" | 19.050 | 12.07 | 11.68 | 5.72 | 22.50 | 24.2 | 16.00 | 1.85 | 29.0/6591 | 32.2 | 1.15 |
| 16B-1 | 1" | 25.400 | 15.88 | 17.02 | 8.28 | 26.10 | 37.4 | 21.00 | 4.15/3.1 | 60.0/13636 | 72.8 | 2.71 |
| 20B-1 | 1 1/4" | 31.750 | 19.05 | 19.56 | 10.19 | 41.30 | 45.0 | 26.40 | 4.5/3.5 | 95.0/21591 | 106.7 | 3.70 |
| 24B-1 | 1 1/2" | 38.100 | 25.40 | 25.40 | 14.63 | 53.40 | 57.8 | 33.20 | 6.0/4.8 | 160.0/36364 | 178.0 | 7.10 |
| 28B-1 | 1 3/4" | 44.450 | 27.94 | 30.99 | 15.90 | 65.10 | 69.5 | 36.70 | 7.5/6.0 | 200.0/45455 | 22.0 | 8.50 |
| 32B-1 | 2" | 50.800 | 29.21 | 30.99 | 17.81 | 66.00 | 71.0 | 42.00 | 7.0/6.0 | 250.0/56818 | 277.5 | 10.25 |

BRITISH STANDARD - DUPLEX



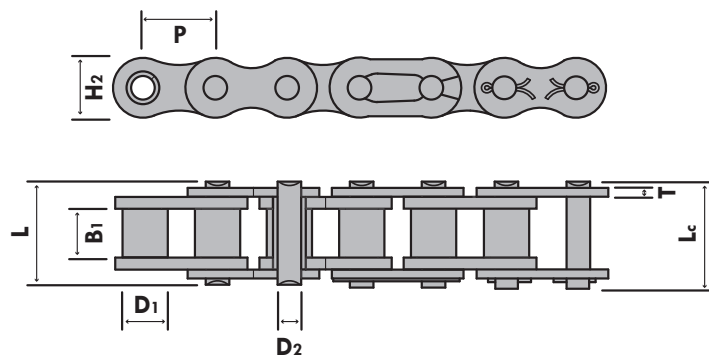
| ISO CHAIN NO. | Pitch | | Roller dia meter | Width between inner plates | Pin dia meter | Pin length | | Inner plate depth | Plate thickness | Transverse pitch | Ultimate tensile strength | Average tensile strength | Weight per meter |
|---------------|--------|--------|------------------|----------------------------|---------------|------------|--------|-------------------|-----------------|------------------|---------------------------|--------------------------|------------------|
| | P | | | | | D1 max | B1 min | | | | | | |
| | inch | mm | mm | mm | mm | | | mm | mm | mm | mm | mm | kN/LB |
| 05B-2 | 5/16" | 8.000 | 5.00 | 3.00 | 2.31 | 13.9 | 14.5 | 7.10 | 0.80 | 5.64 | 7.8/1773 | 10.2 | 0.33 |
| 06B-2 | 3/8" | 9.525 | 6.35 | 5.72 | 3.28 | 23.4 | 24.4 | 8.20 | 1.30 | 10.24 | 16.9/3841 | 18.7 | 0.77 |
| 08B-2 | 1/2" | 12.700 | 8.51 | 7.75 | 4.45 | 31.2 | 32.2 | 11.80 | 1.60 | 13.92 | 32.0/7232 | 38.7 | 1.34 |
| 10B-2 | 5/8" | 15.875 | 10.16 | 9.65 | 5.08 | 36.1 | 37.5 | 14.70 | 1.70 | 16.59 | 44.5/10114 | 56.2 | 1.84 |
| 12B-2 | 3/4" | 19.050 | 12.07 | 11.68 | 5.72 | 42.0 | 43.6 | 16.00 | 1.85 | 19.46 | 57.8/13136 | 66.1 | 2.31 |
| 16B-2 | 1" | 25.400 | 15.88 | 17.02 | 8.28 | 68.0 | 69.3 | 21.00 | 4.15/3.1 | 31.88 | 106.0/24091 | 133.0 | 5.42 |
| 20B-2 | 1 1/4" | 31.750 | 19.05 | 19.56 | 10.19 | 77.8 | 81.5 | 26.40 | 4.5/3.5 | 36.45 | 170.0/38636 | 211.2 | 7.20 |
| 24B-2 | 1 1/2" | 38.100 | 25.40 | 25.40 | 14.63 | 101.7 | 106.2 | 33.20 | 6.0/4.8 | 48.36 | 28.0/63636 | 319.2 | 13.40 |
| 28B-2 | 1 3/4" | 44.450 | 27.94 | 30.99 | 15.90 | 124.6 | 129.1 | 36.70 | 7.5/6.0 | 59.56 | 360.0/81818 | 406.8 | 16.60 |
| 32B-2 | 2" | 50.800 | 29.21 | 30.99 | 17.81 | 124.6 | 129.6 | 42.00 | 7.0/6.0 | 58.55 | 450.0/102273 | 508.5 | 21.00 |

BRITISH STANDARD - TRIPLEX



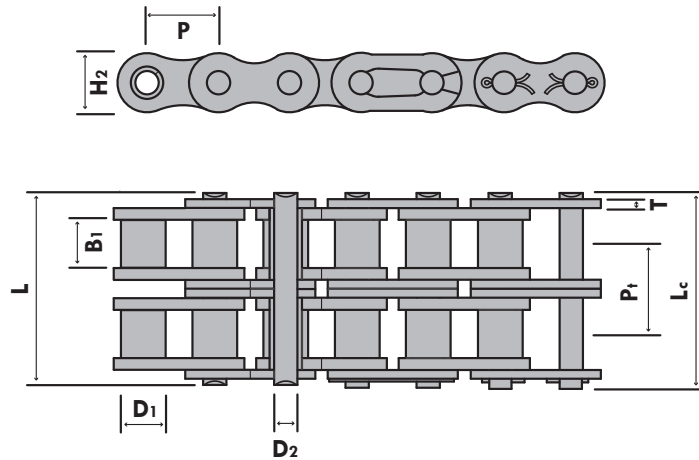
| ISO CHAIN NO. | Pitch | | Roller dia meter | Width between inner plates | Pin dia meter | Pin length | | Inner plate depth | Plate thickness | Transverse pitch | Ultimate tensile strength | Average tensile strength | Weight per meter |
|---------------|--------|--------|------------------|----------------------------|---------------|------------|--------|-------------------|-----------------|------------------|---------------------------|--------------------------|------------------|
| | P | | | | | D1 max | B1 min | | | | | | |
| | inch | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | kN/LB | kN |
| 05B-3 | 5/16" | 8.000 | 5.00 | 3.00 | 2.31 | 19.5 | 20.2 | 7.10 | 0.80 | 5.64 | 11.1/2523 | 13.8 | 0.48 |
| 06B-3 | 3/8" | 9.525 | 6.35 | 5.72 | 3.28 | 33.5 | 34.6 | 8.20 | 1.30 | 10.24 | 24.9/5659 | 30.1 | 1.16 |
| 08B-3 | 1/2" | 12.700 | 8.51 | 7.75 | 4.45 | 45.1 | 46.1 | 11.80 | 1.60 | 13.92 | 47.5/10795 | 57.8 | 2.03 |
| 10B-3 | 5/8" | 15.875 | 10.16 | 9.65 | 5.08 | 52.7 | 54.1 | 14.70 | 1.70 | 16.59 | 66.7/15159 | 84.5 | 2.77 |
| 12B-3 | 3/4" | 19.050 | 12.07 | 11.68 | 5.72 | 61.5 | 63.1 | 16.00 | 1.85 | 19.46 | 86.7/19705 | 101.8 | 3.46 |
| 16B-3 | 1" | 25.400 | 15.88 | 17.02 | 8.28 | 99.8 | 101.2 | 21.00 | 4.15/3.1 | 31.88 | 160.0/36364 | 203.7 | 8.13 |
| 20B-3 | 1 1/4" | 31.750 | 19.05 | 19.56 | 10.19 | 114.2 | 117.9 | 26.40 | 4.5/3.5 | 36.45 | 250.0/56818 | 290.0 | 10.82 |
| 24B-3 | 1 1/2" | 38.100 | 25.40 | 25.40 | 14.63 | 150.1 | 154.6 | 33.20 | 6.0/4.8 | 48.36 | 425.0/96591 | 493.0 | 20.10 |
| 28B-3 | 1 3/4" | 44.450 | 27.94 | 30.99 | 15.90 | 184.2 | 188.7 | 36.70 | 7.5/6.00 | 59.56 | 530.0/120454 | 609.5 | 24.92 |
| 32B-3 | 2" | 50.800 | 29.21 | 30.99 | 17.81 | 183.2 | 188.2 | 42.00 | 7.0/6.0 | 58.55 | 670.0/152273 | 770.5 | 31.56 |

AMERICAN STANDARD - SIMPLEX



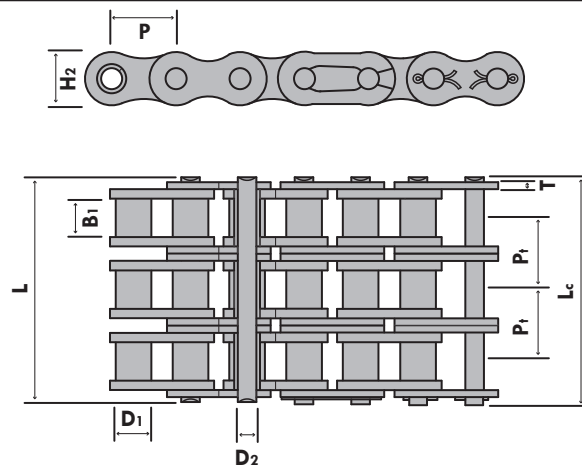
| ANSI CHAIN NO. | Pitch | | Roller Diameter | Width between inner plates | Pin dia meter | Pin length | | Inner plate depth | Plate thickness | Ultimate tensile strength | Average tensile strength | Weight per meter |
|----------------|--------|--------|-----------------|----------------------------|---------------|------------|--------|-------------------|-----------------|---------------------------|--------------------------|------------------|
| | P | | | | | D1 max | B1 min | | | | | |
| | inch | mm | mm | mm | mm | mm | mm | mm | mm | mm | kN/LB | kN |
| ASA 35-1 | 3/8" | 9.525 | 5.08 | 4.77 | 3.58 | 12.40 | 13.17 | 9.00 | 1.30 | 7.90/1795 | 10.8 | 0.33 |
| ASA 40-1 | 1/2" | 12.700 | 7.95 | 7.85 | 3.96 | 16.60 | 17.80 | 12.00 | 1.50 | 14.10/3205 | 17.5 | 0.62 |
| ASA 50-1 | 5/8" | 15.875 | 10.16 | 9.40 | 5.08 | 20.70 | 22.20 | 15.09 | 2.03 | 22.20/5045 | 29.4 | 1.02 |
| ASA 60-1 | 3/4" | 19.050 | 11.91 | 12.57 | 5.94 | 25.90 | 27.70 | 18.00 | 2.42 | 31.80/7227 | 41.5 | 1.50 |
| ASA 80-1 | 1" | 25.400 | 15.88 | 15.75 | 7.92 | 32.70 | 35.00 | 24.00 | 3.25 | 56.70/12886 | 69.4 | 2.60 |
| ASA 100-1 | 1 1/4" | 31.750 | 19.05 | 18.90 | 9.53 | 40.40 | 44.70 | 30.00 | 4.00 | 88.50/20114 | 109.2 | 3.91 |
| ASA 120-1 | 1 1/2" | 38.100 | 22.23 | 25.22 | 11.10 | 50.30 | 54.30 | 35.70 | 4.80 | 127.00/28864 | 156.3 | 5.62 |
| ASA 140-1 | 1 3/4" | 44.450 | 25.40 | 25.22 | 12.70 | 54.40 | 59.00 | 41.00 | 5.60 | 172.40/39182 | 212.0 | 7.50 |
| ASA 160-1 | 2" | 50.800 | 28.58 | 31.55 | 14.27 | 64.60 | 69.60 | 47.80 | 6.40 | 226.80/51545 | 278.9 | 10.10 |

AMERICAN STANDARD - DUPLEX



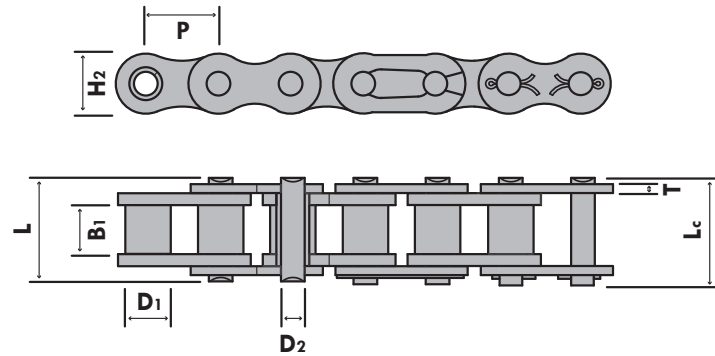
| ANSI CHAIN NO. | Pitch | | Roller dia meter | Width between inner plates | Pin dia meter | Pin length | | Inner plate depth | Plate thickness | Transverse pitch | Ultimate tensile strength | Average tensile strength | Weight per meter |
|----------------|--------|--------|------------------|----------------------------|---------------|------------|--------|-------------------|-----------------|------------------|---------------------------|--------------------------|------------------|
| | P | | D1 max | B1 min | D2 max | L max | Lc max | H2 max | T max | Pt | Q min | Q0 | q |
| | inch | mm | mm | mm | mm | mm | mm | mm | mm | mm | kN/LB | kN | kg/m |
| ASA 35-2 | 3/8" | 9.525 | 5.08 | 4.77 | 3.58 | 22.5 | 23.3 | 9.00 | 1.30 | 10.13 | 15.80/3591 | 19.7 | 0.63 |
| ASA 40-2 | 1/2" | 12.700 | 7.95 | 7.85 | 3.96 | 31.0 | 32.2 | 12.00 | 1.50 | 14.38 | 28.20/6409 | 35.9 | 1.12 |
| ASA 50-2 | 5/8" | 15.875 | 10.16 | 9.40 | 5.08 | 38.9 | 40.4 | 15.09 | 2.03 | 18.11 | 44.40/10091 | 58.1 | 2.00 |
| ASA 60-2 | 3/4" | 19.050 | 11.91 | 12.57 | 5.94 | 48.8 | 50.5 | 18.00 | 2.42 | 22.78 | 63.60/14455 | 82.1 | 2.92 |
| ASA 80-2 | 1" | 25.400 | 15.88 | 15.75 | 7.92 | 62.7 | 64.3 | 24.00 | 3.25 | 29.29 | 113.40/25773 | 141.8 | 5.15 |
| ASA 100-2 | 1 1/4" | 31.750 | 19.05 | 18.90 | 9.53 | 76.4 | 80.5 | 30.00 | 4.00 | 35.76 | 177.00/40227 | 219.4 | 7.80 |
| ASA 120-2 | 1 1/2" | 38.100 | 22.23 | 25.22 | 11.10 | 95.8 | 99.7 | 35.70 | 4.80 | 45.44 | 254.00/57727 | 314.9 | 11.70 |
| ASA 140-2 | 1 3/4" | 44.450 | 25.40 | 25.22 | 12.70 | 103.3 | 107.9 | 41.00 | 5.60 | 48.87 | 344.80/78364 | 427.5 | 15.14 |
| ASA 160-2 | 2" | 50.800 | 28.58 | 31.55 | 14.27 | 123.3 | 128.1 | 47.80 | 6.40 | 58.55 | 453.60/103091 | 562.4 | 20.14 |

AMERICAN STANDARD - TRIPLEX



| ANSI CHAIN NO. | Pitch | | Roller dia meter | Width between inner plates | Pin dia meter | Pin length | | Inner plate depth | Plate thickness | Transverse pitch | Ultimate tensile strength | Average tensile strength | Weight per meter |
|----------------|--------|--------|------------------|----------------------------|---------------|------------|--------|-------------------|-----------------|------------------|---------------------------|--------------------------|------------------|
| | P | | D1 max | B1 min | D2 max | L max | Lc max | H2 max | T max | Pt | Q min | Q0 | q |
| | inch | mm | mm | mm | mm | mm | mm | mm | mm | mm | kN/LB | kN | kg/m |
| ASA 35-2 | 3/8" | 9.525 | 5.08 | 4.77 | 3.58 | 32.7 | 33.5 | 9.00 | 1.30 | 10.13 | 23.7/5386 | 28.6 | 1.05 |
| ASA 40-2 | 1/2" | 12.700 | 7.95 | 7.85 | 3.96 | 45.4 | 46.6 | 12.00 | 1.50 | 14.38 | 42.3/9614 | 50.0 | 1.90 |
| ASA 50-2 | 5/8" | 15.875 | 10.16 | 9.40 | 5.08 | 57.0 | 58.5 | 15.09 | 2.03 | 18.11 | 66.6/15136 | 77.8 | 3.09 |
| ASA 60-2 | 3/4" | 19.050 | 11.91 | 12.57 | 5.94 | 71.5 | 73.3 | 18.00 | 2.42 | 22.78 | 95.4/21682 | 111.1 | 4.54 |
| ASA 80-2 | 1" | 25.400 | 15.88 | 15.75 | 7.92 | 91.7 | 93.6 | 24.00 | 3.25 | 29.29 | 170.1/38659 | 198.4 | 7.89 |
| ASA 100-2 | 1 1/4" | 31.750 | 19.05 | 18.90 | 9.53 | 112.2 | 116.3 | 30.00 | 4.00 | 35.76 | 265.5/60341 | 309.6 | 11.77 |
| ASA 120-2 | 1 1/2" | 38.100 | 22.23 | 25.22 | 11.10 | 141.4 | 145.2 | 35.70 | 4.80 | 45.44 | 381.0/86591 | 437.2 | 17.53 |
| ASA 140-2 | 1 3/4" | 44.450 | 25.40 | 25.22 | 12.70 | 152.2 | 156.8 | 41.00 | 5.60 | 48.87 | 517.2/117545 | 593.3 | 22.20 |
| ASA 160-2 | 2" | 50.800 | 28.58 | 31.55 | 14.27 | 181.8 | 186.6 | 47.80 | 6.40 | 58.55 | 680.4/154636 | 780.6 | 30.02 |

AMERICAN STANDARD - HEAVY DUTY - SIMPLEX



| ANSI CHAIN NO. | Pitch | | Roller Diameter | Width between inner plates | Pin dia meter | Pin length | | Inner plate depth | Plate thickness | Ultimate tensile strength | Average tensile strength | Weight per meter |
|----------------------|--------|--------|--------------------|-------------------------------------|---------------------|------------|--------|-------------------------|--------------------|---------------------------------|--------------------------------|---------------------|
| | P | | | | | L max | Lc max | | | | | |
| | inch | mm | D1 max | B1 min | D2 max | | | H2 max | T max | Q min | Q0 | q |
| 50 H-1 | 5/8" | 15.875 | 10.16 | 9.40 | 5.08 | 22.1 | 23.4 | 15.09 | 2.42 | 22.2/5045 | 30.2 | 1.25 |
| 60 H-1 | 3/4" | 19.050 | 11.91 | 12.57 | 5.94 | 29.2 | 31.0 | 18.00 | 3.25 | 31.8/7227 | 42.7 | 1.87 |
| 80 H-1 | 1" | 25.400 | 15.88 | 15.75 | 7.92 | 36.2 | 37.7 | 24.00 | 4.00 | 56.7/12886 | 71.4 | 3.10 |
| 100 H-1 | 1 1/4" | 31.750 | 19.05 | 18.90 | 9.53 | 43.6 | 46.9 | 30.00 | 4.80 | 88.5/20114 | 112.4 | 4.52 |
| 120 H-1 | 1 1/2" | 38.100 | 22.23 | 25.22 | 11.10 | 53.5 | 57.5 | 35.70 | 5.60 | 127.0/28864 | 160.9 | 6.60 |
| 140 H-1 | 1 3/4" | 44.450 | 25.40 | 25.22 | 12.70 | 57.6 | 62.2 | 41.00 | 6.40 | 172.4/39182 | 217.3 | 8.30 |
| 160 H-1 | 2" | 50.800 | 28.58 | 31.55 | 14.27 | 68.2 | 73.0 | 47.80 | 7.20 | 226.8/51545 | 285.8 | 10.30 |