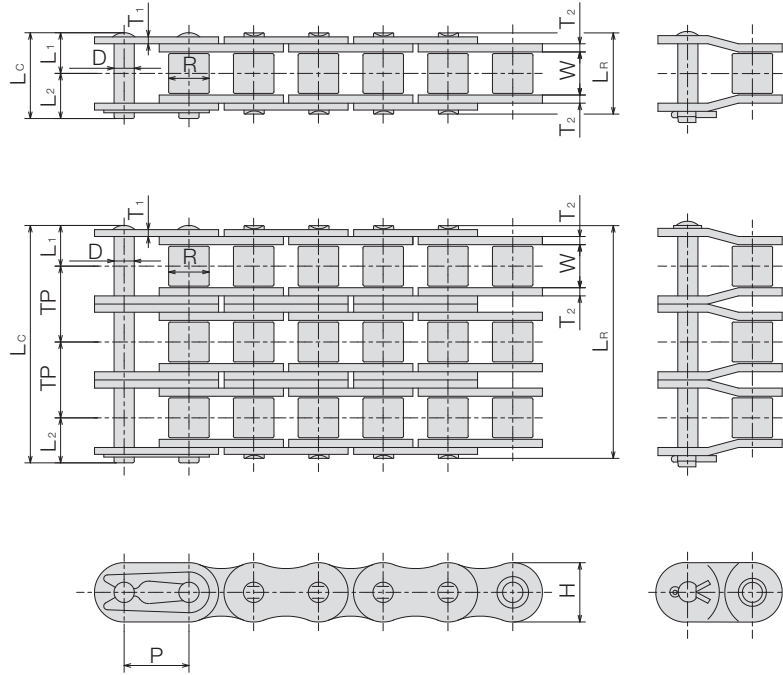


Premium Standard Roller Chain

BS | Single Pitch | Standard | SBR

“SBR”タイプはソリッドブシュとソリッドローラを標準装備した標準ローラチェーンです。英国規格のBS 228およびドイツ規格のDIN 8187ローラチェーンと完全な互換性があります。継ぎ目のない真円度の高いブシュがピッチ精度を向上させ、また軸受部に掛かる圧力を分散させる事で、摩耗量を最小限に抑えた高精度・長寿命が特徴です。



BS Single Pitch

ANSI Single Pitch

ANSI Double Pitch

ENGL. 81X

Technical Information

| SY Chain No. | Dimension - mm | | | | | | | | | | | | Average Tensile Strength | Maximum Allowable Load | Average Chain Weight |
|--------------|----------------|---------|--------|--------|----------------|----------------|----------------|----------------|----------|----------------|----------------|-------|--------------------------|------------------------|----------------------|
| | Pitch P | Roller | | | Pin | | | | Plate | | Trans. Pitch | | | | |
| | | Width W | Dia. R | Dia. D | Length | | | | Height H | Thickness | | | | | |
| | | | | | L _R | L _C | L ₁ | L ₂ | | T ₁ | T ₂ | TP | kN | kN | kg/m |
| SY 06B-1 | 9.525 | 5.72 | 6.35 | 3.28 | 12.6 | 13.4 | 6.3 | 7.1 | 8.2 | 1.0 | 1.25 | 10.24 | 9.90 | 1.70 | 0.41 |
| SY 06B-2 | | | | | 22.9 | 23.7 | | | | | | | 18.80 | 2.90 | 0.78 |
| SY 06B-3 | | | | | 33.2 | 33.7 | | | | | | | 27.70 | 4.20 | 1.18 |
| SY 08B-1 | 12.70 | 7.75 | 8.51 | 4.45 | 16.7 | 18.2 | 8.4 | 9.8 | 11.8 | 1.5 | 13.92 | 19.60 | 3.14 | 0.61 | |
| SY 08B-2 | | | | | 30.6 | 31.9 | | | | | | 34.60 | 5.35 | 1.26 | |
| SY 08B-3 | | | | | 44.5 | 45.8 | | | | | | 49.40 | 7.85 | 1.88 | |
| SY 10B-1 | 15.875 | 9.65 | 10.16 | 5.08 | 19.4 | 20.7 | 9.7 | 11.0 | 14.7 | 1.65 | 16.59 | 24.60 | 4.90 | 0.89 | |
| SY 10B-2 | | | | | 36.0 | 37.3 | | | | | | 49.40 | 8.33 | 1.79 | |
| SY 10B-3 | | | | | 52.6 | 54.4 | | | | | | 74.10 | 12.20 | 2.66 | |
| SY 12B-1 | 19.05 | 11.68 | 12.07 | 5.72 | 22.0 | 23.6 | 11.0 | 12.6 | 16.1 | 1.8 | 19.46 | 32.20 | 7.06 | 1.14 | |
| SY 12B-2 | | | | | 41.6 | 43.2 | | | | | | 64.40 | 12.00 | 2.28 | |
| SY 12B-3 | | | | | 61.1 | 62.7 | | | | | | 96.60 | 17.60 | 3.36 | |
| SY 16B-1 | 25.40 | 17.02 | 15.88 | 8.26 | 35.2 | 38.2 | 17.6 | 20.6 | 21.0 | 3.2 | 4.0 | 31.88 | 66.60 | 16.40 | 2.59 |
| SY 16B-2 | | | | | 67.2 | 70.1 | | | | | | | 117.80 | 21.40 | 5.13 |
| SY 16B-3 | | | | | 99.5 | 102.5 | | | | | | | 177.80 | 31.50 | 7.68 |
| SY 20B-1 | 31.75 | 19.56 | 19.05 | 10.16 | 40.2 | 44.0 | 20.1 | 23.9 | 26.4 | 3.5 | 4.5 | 36.45 | 105.00 | 25.50 | 3.76 |
| SY 20B-2 | | | | | 76.8 | 80.6 | | | | | | | 188.90 | 33.30 | 7.26 |
| SY 20B-3 | | | | | 113.3 | 117.2 | | | | | | | 277.80 | 49.00 | 10.86 |
| SY 24B-1 | 38.10 | 25.40 | 25.40 | 14.63 | 53.4 | 58.1 | 26.7 | 31.4 | 33.4 | 5.0 | 5.9 | 48.36 | 177.80 | 35.70 | 7.29 |
| SY 24B-2 | | | | | 101.8 | 106.5 | | | | | | | 311.10 | 46.80 | 14.53 |
| SY 24B-3 | | | | | 150.2 | 154.9 | | | | | | | 472.20 | 68.80 | 21.76 |
| SY 28B-1 | 44.45 | 31.00 | 27.94 | 15.88 | 65.1 | 70.5 | 32.6 | 37.9 | 37.0 | 6.3 | 7.4 | 59.56 | 222.20 | 44.50 | 9.26 |
| SY 28B-2 | | | | | 124.7 | 130.0 | | | | | | | 400.00 | 58.30 | 18.45 |
| SY 28B-3 | | | | | 184.2 | 189.6 | | | | | | | 588.90 | 85.80 | 27.65 |
| SY 32B-1 | 50.80 | 31.00 | 29.21 | 17.81 | 65.0 | 71.1 | 32.5 | 38.6 | 42.2 | 6.3 | 6.9 | 58.55 | 275.00 | 51.00 | 9.92 |
| SY 32B-2 | | | | | 123.4 | 129.7 | | | | | | | 500.00 | 66.60 | 19.76 |
| SY 32B-3 | | | | | 182.0 | 188.3 | | | | | | | 744.40 | 98.00 | 29.61 |

06Bのプレート形状はフラット形で、ブシュは巻きブシュです。06Bの多列中間プレートの厚みは1.6mmで、プレート枚数は1枚です。08Bの多列中間プレートの厚みは1枚1.25mmです。16B 3列と20B以上の継手リンクは全て割りピン式です。1ピッチオフセットリンクをご使用の場合の最大許容荷重は上記の65%になります。