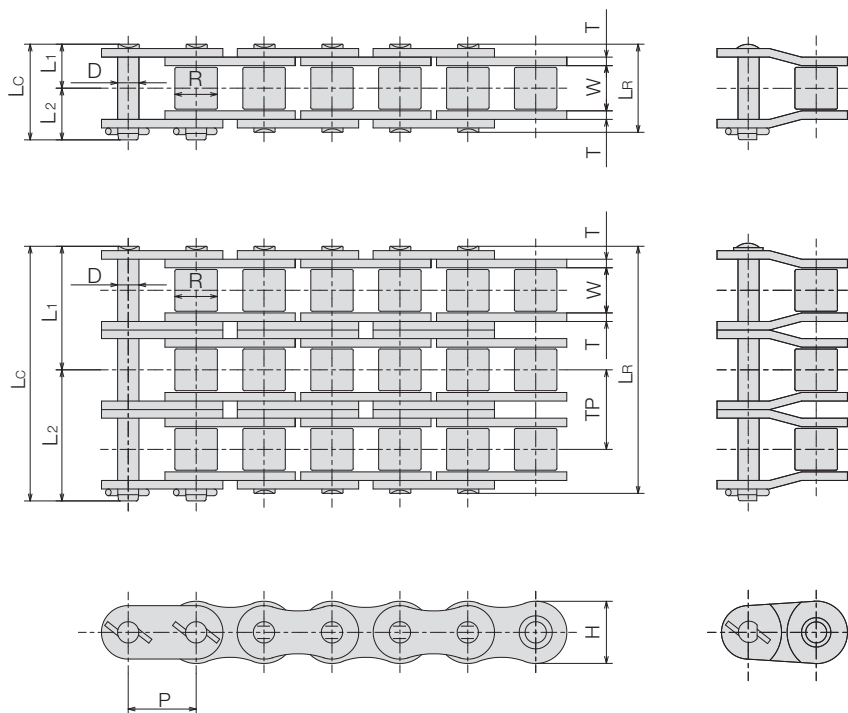


E Roller Chain

ANSI | Single Pitch | Heavy Duty | E

“E”タイプはピン材に高靱性な合金鋼を使用することで、疲労強度と破断強度を向上させ、衝撃荷重の吸収に効果を発揮します。高い衝撃吸収性が求められる用途に適した高強度ローラチェーンです。油田(オイルフィールド)で使用される場合はご相談下さい。



| SY Chain No. | Pitch P | Dimension - mm | | | | | | | | | | Average Tensile Strength | Maximum Allowable Load | Average Chain Weight |
|--------------|---------|----------------|--------|----------------|----------------|----------------|----------------|-------|-------|-----|-----------------|--------------------------|------------------------|----------------------|
| | | Roller | | Dia. D | Pin | | | | Plate | | Trans. Pitch TP | | | |
| | | Width W | Dia. R | | Length | Height H | Thickness T | | | | | | | |
| | | | | L _R | L _C | L ₁ | L ₂ | | | | kN | kN | kg/m | |
| SY 80-1 E | | | | | 33.0 | 35.5 | 16.4 | 19.1 | | | - | 79.40 | 18.40 | 2.52 |
| SY 80-2 E | 25.40 | 15.88 | 15.88 | 7.93 | 61.6 | 64.5 | 30.8 | 33.7 | 23.4 | 3.2 | 29.3 | 159.00 | 26.70 | 5.10 |
| SY 80-3 E | | | | | 90.9 | 94.1 | 45.5 | 48.6 | | | | 238.00 | 39.30 | 7.68 |
| SY 100-1 E | | | | | 39.4 | 43.0 | 19.7 | 23.3 | | | - | 119.00 | 28.30 | 3.91 |
| SY 100-2 E | 31.75 | 19.05 | 19.05 | 9.53 | 75.1 | 78.8 | 37.6 | 41.2 | 29.3 | 4.0 | 35.8 | 238.00 | 40.80 | 7.74 |
| SY 100-3 E | | | | | 110.9 | 114.6 | 55.5 | 59.1 | | | | 357.00 | 60.00 | 11.58 |
| SY 120-1 E | | | | | 49.5 | 53.4 | 24.8 | 28.6 | | | - | 174.00 | 38.00 | 5.76 |
| SY 120-2 E | 38.10 | 25.40 | 22.23 | 11.10 | 94.9 | 98.8 | 47.5 | 51.3 | 35.1 | 4.8 | 45.4 | 348.00 | 54.20 | 11.49 |
| SY 120-3 E | | | | | 140.3 | 144.2 | 70.2 | 74.0 | | | | 522.00 | 79.80 | 17.20 |
| SY 140-1 E | | | | | 54.0 | 58.3 | 27.0 | 31.3 | | | - | 227.00 | 50.30 | 7.41 |
| SY 140-2 E | 44.45 | 25.40 | 25.40 | 12.70 | 102.9 | 107.2 | 51.5 | 55.7 | 40.9 | 5.6 | 48.9 | 454.00 | 73.20 | 14.63 |
| SY 140-3 E | | | | | 151.7 | 156.3 | 75.9 | 80.4 | | | | 681.00 | 108.00 | 21.91 |
| SY 160-1 E | | | | | 64.3 | 68.7 | 32.2 | 36.5 | | | - | 294.00 | 66.30 | 9.79 |
| SY 160-2 E | 50.80 | 31.75 | 28.58 | 14.28 | 122.8 | 127.2 | 61.4 | 65.8 | 46.7 | 6.4 | 58.5 | 588.00 | 95.00 | 19.45 |
| SY 160-3 E | | | | | 181.3 | 185.7 | 90.7 | 95.0 | | | | 882.00 | 140.00 | 29.17 |
| SY 180-1 E | | | | | 72.5 | 78.4 | 36.3 | 42.1 | | | - | 363.00 | 70.60 | 13.39 |
| SY 180-2 E | 57.15 | 35.70 | 35.70 | 17.45 | 138.2 | 144.0 | 69.1 | 74.9 | 52.5 | 7.2 | 65.8 | 726.00 | 102.00 | 26.62 |
| SY 180-3 E | | | | | 204.5 | 210.2 | 102.3 | 107.9 | | | | 1,089.00 | 150.00 | 39.85 |
| SY 200-1 E | | | | | 78.5 | 87.0 | 39.3 | 47.7 | | | - | 470.00 | 82.30 | 16.93 |
| SY 200-2 E | 63.50 | 38.10 | 39.67 | 19.83 | 150.2 | 158.7 | 75.1 | 83.6 | 59.8 | 8.0 | 71.6 | 940.00 | 130.00 | 33.73 |
| SY 200-3 E | | | | | 221.7 | 230.2 | 110.9 | 119.3 | | | | 1,410.00 | 191.00 | 50.53 |
| SY 240-1 E | | | | | 95.5 | 104.0 | 47.8 | 56.2 | | | - | 677.00 | 112.80 | 23.64 |
| SY 240-2 E | 76.20 | 47.63 | 47.63 | 23.78 | 183.4 | 191.8 | 91.7 | 100.1 | 70.3 | 9.5 | 87.8 | 1,354.00 | 179.00 | 47.13 |
| SY 240-3 E | | | | | 271.3 | 279.6 | 135.7 | 143.9 | | | | 2,031.00 | 263.00 | 70.61 |

80 Eの継手リンクは割ピン式です。Eタイプ多列チェーンの中間プレートはすきまばめ構造です。お問合せに応じて、Eタイプ多列チェーンの中間プレートを軽いまりばめ構造で製作することが可能です。軽いまりばめ構造のEタイプ多列チェーンの場合、継手部の中間プレートはBCLタイプです。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。

BS Single Pitch

ANSI Single Pitch

ANSI Double Pitch

ENGL. 81X

Technical Information