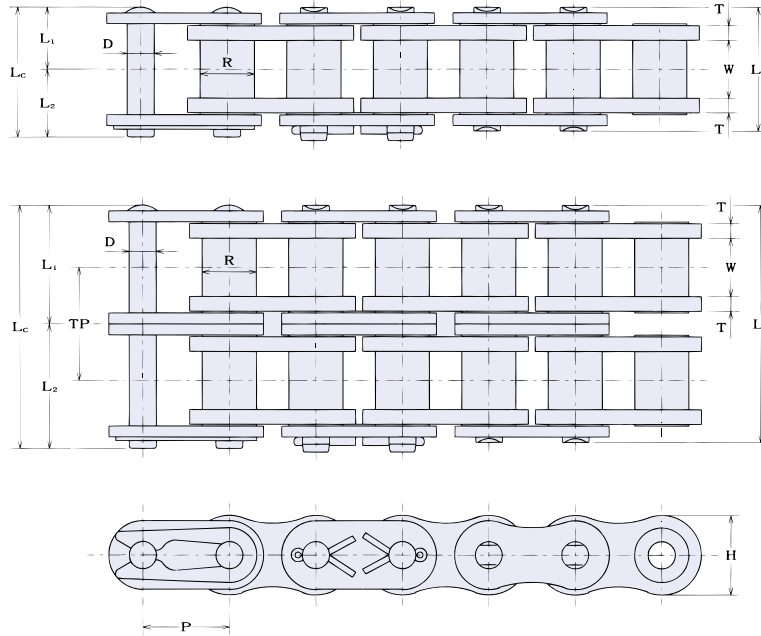


Sintered Steel Bushing SL ANSI Standard Roller Chains



SINGLE STRANDS

| SY Chain No. | Dimensions - mm | | | | | | | | | | | Average Ultimate Strength | Maximum Allowable Load | Average Chain Weight |
|--------------|-----------------|--------|-------|-------|--------|------|------|--------|--------|--------------|----|---------------------------|------------------------|----------------------|
| | Pitch | Roller | | Pin | | | | Plate | | Trans. Pitch | | | | |
| | | Width | Dia. | Dia. | Length | | | Height | Thick. | | | | | |
| P | W | R | D | LR | LC | L1 | L2 | H | T | TP | kN | kN | kg/m | |
| SY40-SL | 12.70 | 7.7 | 7.92 | 3.96 | 16.5 | 17.9 | 8.3 | 9.6 | 12.0 | 1.5 | | 12.7 | 2.94 | 0.63 |
| SY50-SL | 15.875 | 9.4 | 10.16 | 5.08 | 20.4 | 22.0 | 10.2 | 11.8 | 15.1 | 2.0 | | 19.6 | 4.90 | 1.03 |
| SY60-SL | 19.05 | 12.5 | 11.91 | 5.95 | 25.5 | 26.9 | 12.8 | 14.1 | 18.2 | 2.4 | | 28.4 | 6.86 | 1.46 |
| SY80-SL | 25.40 | 15.8 | 15.88 | 7.93 | 32.8 | 35.5 | 16.4 | 18.6 | 24.1 | 3.2 | | 51.0 | 11.8 | 2.60 |
| SY100-SL | 31.75 | 19.0 | 19.05 | 9.53 | 39.4 | 43.0 | 19.7 | 23.3 | 30.2 | 4.0 | | 82.4 | 17.7 | 3.79 |
| SY120-SL | 38.10 | 25.4 | 22.23 | 11.10 | 49.5 | 53.4 | 24.8 | 28.6 | 36.2 | 4.8 | | 118.0 | 25.5 | 5.58 |
| SY140-SL | 44.45 | 25.4 | 25.40 | 12.70 | 54.0 | 58.3 | 27.0 | 31.3 | 42.2 | 5.6 | | 162.0 | 34.3 | 7.59 |
| SY160-SL | 50.80 | 31.8 | 28.58 | 14.28 | 64.3 | 68.7 | 32.2 | 36.5 | 48.3 | 6.4 | | 211.0 | 44.1 | 9.82 |

MULTIPLE STRANDS

| SY Chain No. | Dimensions - mm | | | | | | | | | | | Average Ultimate Strength | Maximum Allowable Load | Average Chain Weight |
|--------------|-----------------|--------|-------|-------|--------|-------|------|--------|--------|--------------|------|---------------------------|------------------------|----------------------|
| | Pitch | Roller | | Pin | | | | Plate | | Trans. Pitch | | | | |
| | | Width | Dia. | Dia. | Length | | | Height | Thick. | | | | | |
| P | W | R | D | LR | LC | L1 | L2 | H | T | TP | kN | kN | kg/m | |
| SY40-SL-2 | 12.70 | 7.7 | 7.92 | 3.96 | 30.8 | 32.2 | 15.4 | 16.8 | 12.0 | 1.5 | 14.4 | 25.4 | 5.0 | 1.3 |
| SY50-SL-2 | 15.875 | 9.4 | 10.16 | 5.08 | 38.4 | 40.0 | 19.2 | 20.8 | 15.1 | 2.0 | 18.1 | 39.2 | 8.3 | 2.1 |
| SY60-SL-2 | 19.05 | 12.5 | 11.91 | 5.95 | 48.2 | 49.7 | 24.0 | 25.7 | 18.2 | 2.4 | 22.8 | 56.8 | 11.6 | 3.0 |
| SY80-SL-2 | 25.40 | 15.8 | 15.88 | 7.93 | 61.6 | 64.5 | 30.8 | 33.7 | 24.1 | 3.2 | 29.3 | 102.0 | 20.0 | 5.2 |
| SY100-SL-2 | 31.75 | 19.0 | 19.05 | 9.53 | 75.1 | 78.8 | 37.6 | 41.2 | 30.2 | 4.0 | 35.8 | 164.8 | 30.0 | 7.9 |
| SY120-SL-2 | 38.10 | 25.4 | 22.23 | 11.10 | 94.9 | 98.8 | 47.5 | 51.3 | 36.2 | 4.8 | 45.4 | 236.0 | 43.3 | 11.5 |
| SY140-SL-2 | 44.45 | 25.4 | 25.40 | 12.70 | 102.9 | 107.2 | 51.5 | 55.7 | 42.2 | 5.6 | 48.9 | 324.0 | 58.3 | 14.7 |
| SY160-SL-2 | 50.80 | 31.8 | 28.58 | 14.28 | 122.8 | 127.2 | 61.4 | 65.6 | 48.3 | 6.4 | 58.5 | 422.0 | 75.0 | 19.5 |

MAINTENANCE FREE CHAINS