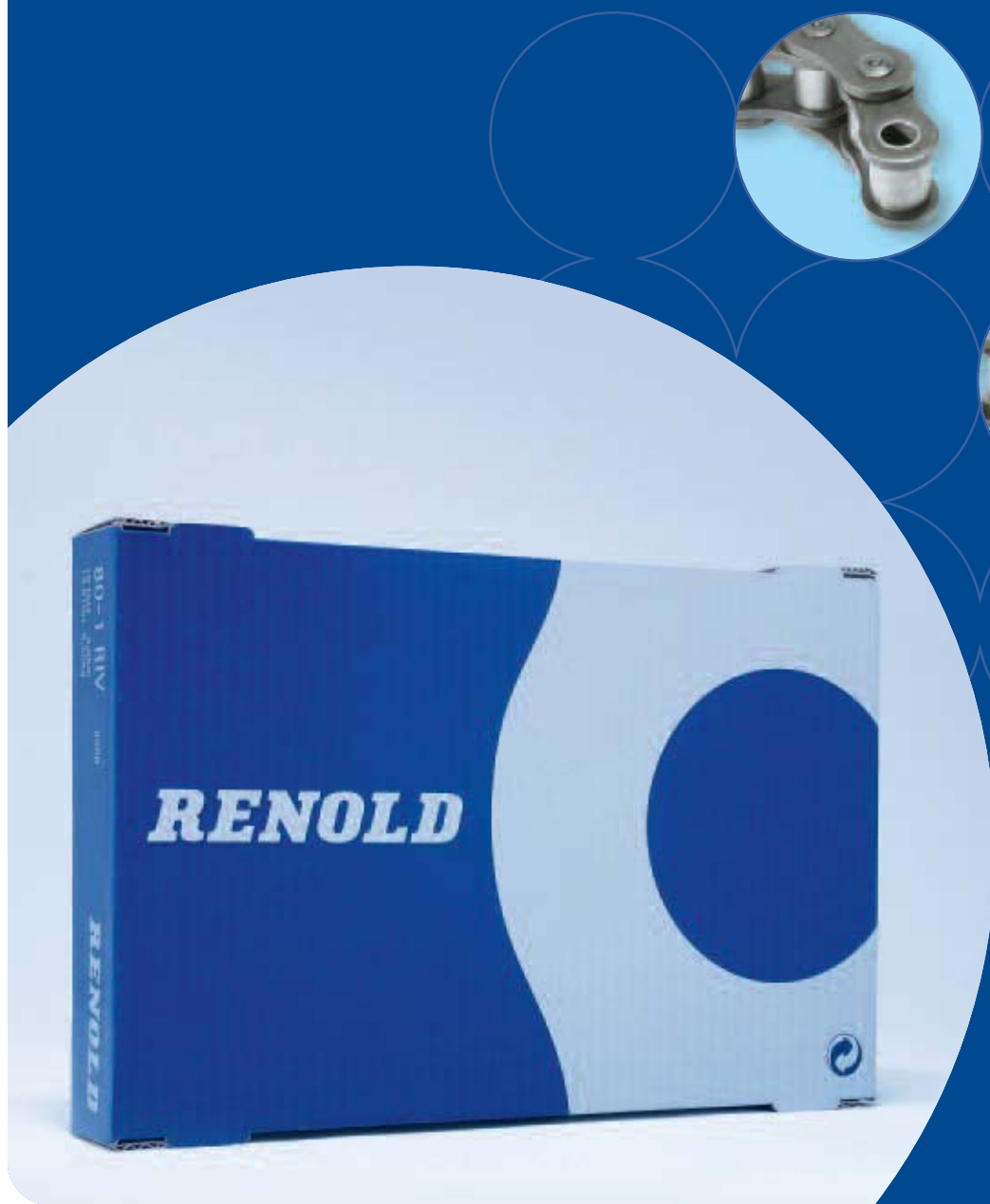


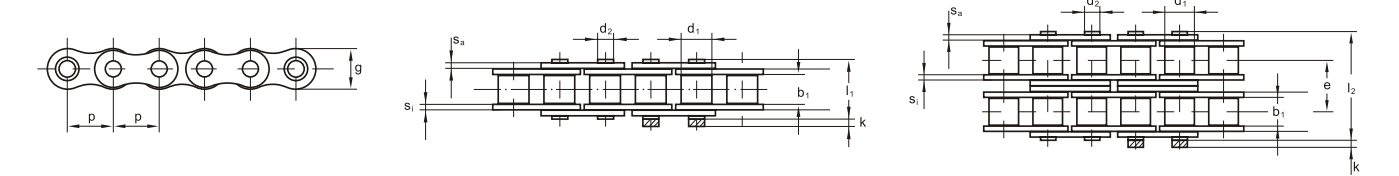
Renold Roller Chain



RENOLD
Superior Chain Technology

欧洲 BS 标准

ISO606



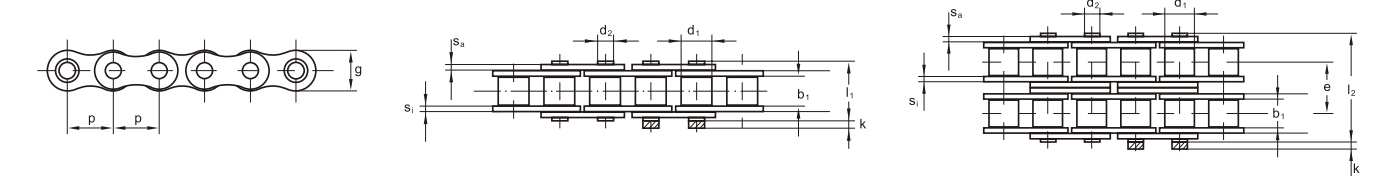
链条

技术参数

| ISO 编号 | Renold 备件号 | 节距 | 最小 内链宽 | 最大 滚子 直径 | 最大 链板 高度 | 内链板 厚度 | 外链板 厚度 | 最大 销轴 直径 | 最大 销轴 长度 | 最大 销轴 延长度 | 平均 破断力 | 重量 |
|-----------|----------------|-----------|------------|----------------|----------------|------------|------------|----------------|----------------|-----------------|----------------|-------------|
| | | p [mm] | b1 [mm] | d1 [mm] | g [mm] | si [mm] | sa [mm] | d2 [mm] | l1,l2 [mm] | k [mm] | Fb(Avg) [N] | q [kg/m] |
| 06B-1 | RTC06B-1RX10FT | 9,525 | 5,72 | 6,35 | 8,20 | 1,25 | 1,00 | 3,28 | 13,50 | 3,30 | 12,100 | 0,41 |
| 08B-1 | RTC08B-1RX10FT | 12,70 | 7,75 | 8,51 | 11,80 | 1,50 | 1,50 | 4,45 | 17,00 | 3,90 | 25,000 | 0,70 |
| 10B-1 | RTC10B-1RX10FT | 15,875 | 9,65 | 10,16 | 14,70 | 1,50 | 1,50 | 5,08 | 19,60 | 4,10 | 31,900 | 0,95 |
| 12B-1 | RTC12B-1RX10FT | 19,05 | 11,68 | 12,07 | 16,10 | 1,76 | 1,76 | 5,72 | 22,70 | 4,60 | 30,500 | 1,25 |
| 16B-1 | RTC16B-1RX10FT | 25,40 | 17,02 | 15,88 | 21,00 | 4,00 | 3,00 | 8,28 | 36,10 | 5,40 | 86,400 | 2,70 |
| 20B-1 | RTC20B-1RX10FT | 31,75 | 19,56 | 19,05 | 26,40 | 4,40 | 3,50 | 10,19 | 43,20 | 6,10 | 126,000 | 3,60 |
| 24B-1 | RTC24B-1RX10FT | 38,10 | 25,40 | 25,40 | 33,40 | 5,90 | 5,00 | 14,63 | 53,40 | 6,60 | 213,000 | 6,70 |
| 28B-1 | RTC28B-1RX10FT | 44,45 | 30,99 | 27,94 | 37,00 | 7,62 | 6,35 | 15,90 | 65,10 | 7,40 | 266,000 | 8,60 |
| 32B-1 | RTC32B-1RX10FT | 50,80 | 30,99 | 29,21 | 42,20 | 7,11 | 6,35 | 17,81 | 67,40 | 7,90 | 332,500 | 10,50 |
| 06B-2 | RTC06B-2RX10FT | 9,525 | 5,72 | 6,35 | 8,20 | 1,25 | 1,00 | 3,28 | 23,80 | 3,30 | 23,000 | 0,78 |
| 08B-2 | RTC08B-2RX10FT | 12,70 | 7,75 | 8,51 | 11,80 | 1,50 | 1,50 | 4,45 | 31,00 | 3,90 | 43,000 | 1,35 |
| 10B-2 | RTC10B-2RX10FT | 15,875 | 9,65 | 10,16 | 14,70 | 1,50 | 1,50 | 5,08 | 36,20 | 4,10 | 62,000 | 1,85 |
| 12B-2 | RTC12B-2RX10FT | 19,05 | 11,68 | 12,07 | 16,10 | 1,76 | 1,76 | 5,72 | 42,20 | 4,60 | 78,000 | 2,50 |
| 16B-2 | RTC16B-2RX10FT | 25,40 | 17,02 | 15,88 | 21,00 | 4,00 | 3,00 | 8,28 | 68,00 | 5,40 | 147,000 | 5,40 |
| 20B-2 | RTC20B-2RX10FT | 31,75 | 19,56 | 19,05 | 26,40 | 4,40 | 3,50 | 10,19 | 79,70 | 6,10 | 240,000 | 7,20 |
| 24B-2 | RTC24B-2RX10FT | 38,10 | 25,40 | 25,40 | 33,40 | 5,90 | 5,00 | 14,63 | 101,00 | 6,60 | 370,000 | 13,50 |
| 28B-2 | RTC28B-2RX10FT | 44,45 | 30,99 | 27,94 | 37,00 | 7,62 | 6,35 | 15,90 | 124,00 | 7,40 | 480,000 | 16,60 |
| 32B-2 | RTC32B-2RX10FT | 50,80 | 30,99 | 29,21 | 42,20 | 7,11 | 6,35 | 17,81 | 126,00 | 7,90 | 600,000 | 21,00 |

ANSI 标准

ANSI B29.100



链条

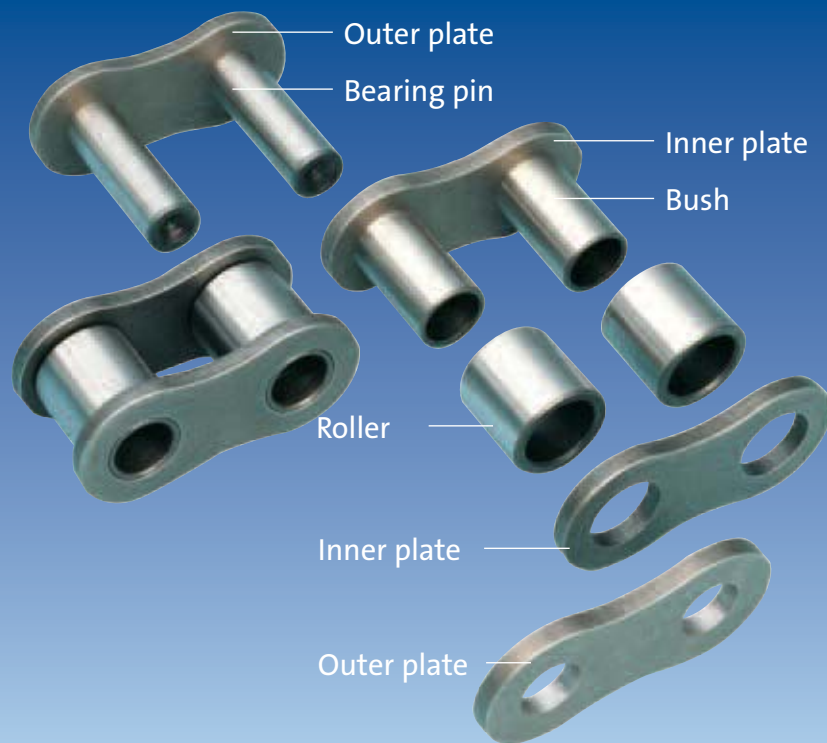
技术参数

| ISO 编号 | Renold 备件号 | 节距 | 最小 内链宽 | 最大 滚子 直径 | 最大 链板 高度 | 内链板 厚度 | 外链板 厚度 | 最大 销轴 直径 | 最大 销轴 长度 | 最大 销轴 延长度 | 平均 破断力 | 重量 |
|-----------|----------------|-----------|------------|----------------|----------------|------------|------------|----------------|----------------|-----------------|----------------|-------------|
| | | p [mm] | b1 [mm] | d1 [mm] | g [mm] | si [mm] | sa [mm] | d2 [mm] | l1,l2 [mm] | k [mm] | Fb(Avg) [N] | q [kg/m] |
| 35-1 | RTC30-1RX10FT | 9,525 | 4,68 | 5,08 | 9,00 | 1,25 | 1,25 | 3,58 | 13,20 | 3,30 | 13000 | 0,35 |
| 40-1 | RTC40-1RX10FT | 12,70 | 7,85 | 7,95 | 12,00 | 1,50 | 1,50 | 3,96 | 17,80 | 3,90 | 22000 | 0,6 |
| 50-1 | RTC50-1RX10FT | 15,875 | 9,40 | 10,16 | 15,00 | 2,00 | 2,00 | 5,08 | 21,80 | 4,10 | 37000 | 1,00 |
| 60-1 | RTC60-1RX10FT | 19,05 | 12,57 | 11,91 | 18,00 | 2,40 | 2,40 | 5,94 | 26,90 | 4,60 | 51000 | 1,50 |
| 80-1 | RTC80-1RX10FT | 25,40 | 15,75 | 15,88 | 24,10 | 3,00 | 3,00 | 7,92 | 33,50 | 5,40 | 75000 | 2,60 |
| 100-1 | RTC100-1RX10FT | 31,75 | 18,90 | 19,05 | 30,10 | 4,00 | 4,00 | 9,53 | 41,10 | 6,10 | 118000 | 3,70 |
| 120-1 | RTC120-1RX10FT | 38,10 | 25,22 | 22,23 | 36,20 | 4,80 | 4,80 | 11,10 | 50,80 | 6,60 | 170000 | 5,50 |
| 140-1 | RTC140-1RX10FT | 44,45 | 25,22 | 25,40 | 42,20 | 5,60 | 5,60 | 12,70 | 54,90 | 7,40 | 230000 | 7,50 |
| 160-1 | RTC160-1RX10FT | 50,80 | 31,55 | 28,58 | 48,20 | 6,30 | 6,30 | 14,27 | 65,50 | 7,90 | 300000 | 9,70 |
| 35-2 | RTC35-2RX10FT | 9,525 | 4,68 | 5,08 | 9,00 | 1,25 | 1,25 | 3,58 | 23,40 | 3,30 | 27000 | 0,70 |
| 40-2 | RTC40-2RX10FT | 12,70 | 7,85 | 7,95 | 12,00 | 1,50 | 1,50 | 3,96 | 32,30 | 3,90 | 45000 | 1,20 |
| 50-2 | RTC50-2RX10FT | 15,875 | 9,40 | 10,16 | 15,00 | 2,00 | 2,00 | 5,08 | 39,90 | 4,10 | 74000 | 1,90 |
| 60-2 | RTC60-2RX10FT | 19,05 | 12,57 | 11,91 | 18,00 | 2,40 | 2,40 | 5,94 | 49,80 | 4,60 | 110000 | 2,90 |
| 80-2 | RTC80-2RX10FT | 25,40 | 15,75 | 15,88 | 24,10 | 3,00 | 3,00 | 7,92 | 62,70 | 5,40 | 150000 | 5,00 |
| 100-2 | RTC100-2RX10FT | 31,75 | 18,90 | 19,05 | 30,10 | 4,00 | 4,00 | 9,53 | 77,00 | 6,10 | 230000 | 7,30 |
| 120-2 | RTC120-2RX10FT | 38,10 | 25,22 | 22,23 | 36,20 | 4,80 | 4,80 | 11,10 | 96,30 | 6,60 | 340000 | 10,90 |
| 140-2 | RTC140-2RX10FT | 44,45 | 25,22 | 25,40 | 42,20 | 5,60 | 5,60 | 12,70 | 103,00 | 7,40 | 460000 | 14,40 |
| 160-2 | RTC160-2RX10FT | 50,80 | 31,55 | 28,58 | 48,20 | 6,30 | 6,30 | 14,27 | 124,00 | 7,90 | 610000 | 19,00 |

Fatigue life is substantially improved by optimising fits between pin, bush and plates and controlling plate hole quality. Sprocket life is enhanced by matching the chain gearing exactly to the tooth form.

Renold pioneered ball drifting to create precisely controlled holes, which combined with other Renold process technology reinforces fatigue resistance and improves wear performance.

Fatigue life is further enhanced by shot peening and other pre-stressing processes.



Specially formulated lubricants reduce initial wear, give corrosion protection and ensure long storage life.

Renold pins are case-hardened and centreless ground producing perfectly cylindrical diameters with extremely high surface

Component life is maximised by the expert use and control of heat treatment.

