



ELITE® **Rollenketten nach DIN ISO 606 (DIN 8187)**
Roller chains according to ISO 606

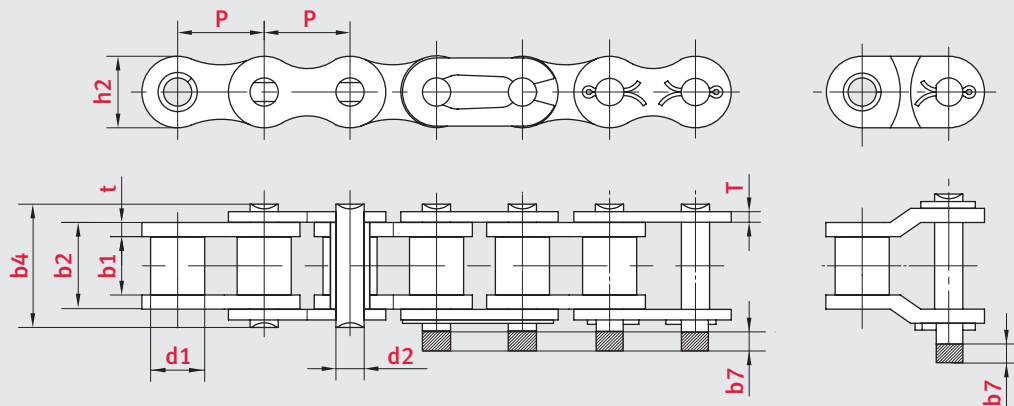
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| Kettentyp | Teilung | Lichte Weite | Rollen Ø | Bolzen Ø | Bolzenlänge | Max. zusätzl. Länge für Verschlussglieder | Innengliedbreite | Laschen- dicke | Höhe Innenlasche | min. Bruchkraft | Gewicht | Gelenkfläche |
|-----------|---------|----------------------------|------------|------------|-------------|---|------------------------|-----------------|--------------------|-----------------------|---------|-----------------|
| Chain no. | Pitch | Width between inner plates | Roller Ø | Pin Ø | Pin length | Max. add. length of connecting link | Total width inner link | Plate thickness | Height inner plate | Min. tensile strength | Weight | Bearing surface |
| ISO | p mm | b1 min. mm | d1 max. mm | d2 max. mm | b4 max. mm | b7 max. mm | b2 max. mm | t / T ~ mm | h2 max. mm | F min. KN | kg/m | cm² |

BS - Simplex

| | | | | | | | | | | | | |
|--------------------|--------|-------|-------|-------|--------|-------|--------|-------------|--------|--------|-------|-------|
| 04B-1 | 6,00 | 2,80 | 4,00 | 1,85 | 6,80 | 2,50 | 4,15 | 0,60/0,60 | 5,00 | 3,0 | 0,12 | 0,08 |
| 05B-1 | 8,00 | 3,00 | 5,00 | 2,31 | 8,60 | 3,10 | 4,77 | 0,80/0,80 | 7,11 | 4,4 | 0,20 | 0,11 |
| 06B-1 ¹ | 9,525 | 5,72 | 6,35 | 3,28 | 13,50 | 3,30 | 8,53 | 1,30/1,30 | 8,26 | 8,9 | 0,41 | 0,28 |
| 08B-1 | 12,70 | 7,75 | 8,51 | 4,45 | 17,00 | 3,90 | 11,30 | 1,60/1,60 | 11,81 | 17,8 | 0,69 | 0,50 |
| 10B-1 | 15,875 | 9,65 | 10,16 | 5,08 | 19,60 | 4,10 | 13,28 | 1,70/1,70 | 14,73 | 22,2 | 0,93 | 0,67 |
| 12B-1 | 19,05 | 11,68 | 12,07 | 5,72 | 22,70 | 4,60 | 15,62 | 1,85/1,85 | 16,13 | 28,9 | 1,15 | 0,89 |
| 16B-1 | 25,40 | 17,02 | 15,88 | 8,28 | 36,10 | 5,40 | 25,45 | 4,15/3,10 | 21,08 | 60,0 | 2,71 | 2,10 |
| 20B-1 | 31,75 | 19,56 | 19,05 | 10,19 | 43,20 | 6,10 | 29,01 | 4,50/3,50 | 26,42 | 95,0 | 3,70 | 2,96 |
| 24B-1 | 38,10 | 25,40 | 25,40 | 14,63 | 53,40 | 6,60 | 37,92 | 6,00/4,80 | 33,40 | 160,0 | 7,10 | 5,54 |
| 28B-1 | 44,45 | 30,99 | 27,94 | 15,90 | 65,10 | 7,40 | 46,58 | 7,50/6,00 | 37,08 | 200,0 | 8,50 | 7,40 |
| 32B-1 | 50,80 | 30,99 | 29,21 | 17,81 | 67,40 | 7,90 | 45,57 | 7,00/6,00 | 42,29 | 250,0 | 10,25 | 8,11 |
| 40B-1 | 63,50 | 38,10 | 39,37 | 22,89 | 82,60 | 10,20 | 55,75 | 8,50/8,00 | 52,96 | 355,0 | 16,35 | 12,75 |
| 48B-1 | 76,20 | 45,72 | 48,26 | 29,24 | 99,10 | 10,50 | 70,56 | 12,00/10,00 | 63,88 | 560,0 | 25,00 | 20,61 |
| 56B-1 | 88,90 | 53,34 | 53,98 | 34,32 | 114,60 | 11,70 | 81,33 | 13,50/12,00 | 77,85 | 850,0 | 35,78 | 27,90 |
| 64B-1 | 101,60 | 60,96 | 63,50 | 39,40 | 130,90 | 13,00 | 92,02 | 15,00/13,00 | 90,17 | 1120,0 | 46,00 | 36,25 |
| 72B-1 | 114,30 | 68,58 | 72,39 | 44,48 | 147,40 | 14,30 | 103,81 | 17,00/15,00 | 103,63 | 1400,0 | 60,80 | 46,19 |

¹ Gerade Laschen
¹ Straight side plates





Rollenketten nach DIN ISO 606 (DIN 8187)

Roller chains according to ISO 606

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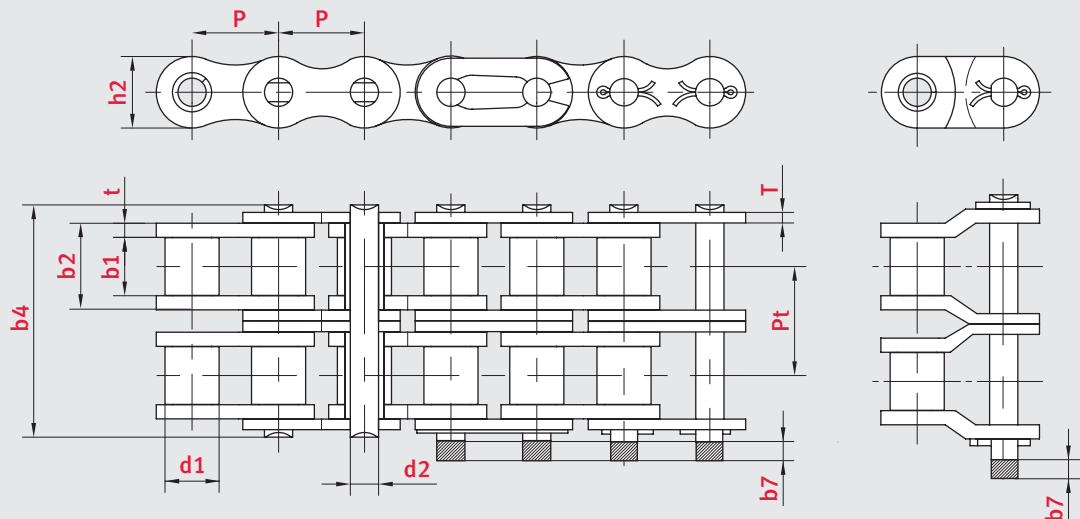
| Kettentyp | Teilung | Lichte Weite | Rollen Ø | Bolzen Ø | Bolzenlänge | Max. zusätzl. Länge für Verschlussglieder | Innenglied-breite | Laschen-dicke | Höhe Innenlasche | Querteilung | min. Bruchkraft | Gewicht | Gelenkfläche |
|-----------|---------|----------------------------|------------|------------|-------------|---|------------------------|-----------------|--------------------|------------------|-----------------------|---------|-----------------|
| Chain no. | Pitch | Width between inner plates | Roller Ø | Pin Ø | Pin length | Max. add. length of connecting link | Total width inner link | Plate thickness | Height inner plate | Transverse pitch | Min. tensile strength | Weight | Bearing surface |
| ISO | p mm | b1 min. mm | d1 max. mm | d2 max. mm | b4 max. mm | b7 max. mm | b2 max. mm | t / T ~ mm | h2 max. mm | Pt mm | Fmin. KN | kg/m | cm ² |

BS - Duplex

| | | | | | | | | | | | | | |
|--------------------|--------|-------|-------|-------|--------|-------|--------|-------------|--------|--------|--------|--------|-------|
| 04B-2 | 6,00 | 2,80 | 4,00 | 1,85 | 12,30 | 2,50 | 4,15 | 0,60/0,60 | 5,00 | 5,50 | 5,0 | 0,24 | 0,16 |
| 05B-2 | 8,00 | 3,00 | 5,00 | 2,31 | 14,30 | 3,10 | 4,77 | 0,80/0,80 | 7,11 | 5,64 | 7,8 | 0,33 | 0,22 |
| 06B-2 ¹ | 9,525 | 5,72 | 6,35 | 3,28 | 23,80 | 3,30 | 8,53 | 1,30/1,30 | 8,26 | 10,24 | 16,9 | 0,77 | 0,56 |
| 08B-2 | 12,70 | 7,75 | 8,51 | 4,45 | 31,00 | 3,90 | 11,30 | 1,60/1,60 | 11,81 | 13,92 | 31,1 | 1,34 | 1,01 |
| 10B-2 | 15,875 | 9,65 | 10,16 | 5,08 | 36,20 | 4,10 | 13,28 | 1,70/1,70 | 14,73 | 16,59 | 44,5 | 1,84 | 1,34 |
| 12B-2 | 19,05 | 11,68 | 12,07 | 5,72 | 42,20 | 4,60 | 15,62 | 1,85/1,85 | 16,13 | 19,46 | 57,8 | 2,31 | 1,79 |
| 16B-2 | 25,40 | 17,02 | 15,88 | 8,28 | 68,00 | 5,40 | 25,45 | 4,15/3,10 | 21,08 | 31,88 | 106,0 | 5,42 | 4,21 |
| 20B-2 | 31,75 | 19,56 | 19,05 | 10,19 | 79,70 | 6,10 | 29,01 | 4,50/3,50 | 26,42 | 36,45 | 170,0 | 7,20 | 5,91 |
| 24B-2 | 38,10 | 25,40 | 25,40 | 14,63 | 101,80 | 6,60 | 37,92 | 6,00/4,80 | 33,40 | 48,36 | 280,0 | 13,40 | 11,09 |
| 28B-2 | 44,45 | 30,99 | 27,94 | 15,90 | 124,70 | 7,40 | 46,58 | 7,50/6,00 | 37,08 | 59,56 | 360,0 | 16,60 | 14,79 |
| 32B-2 | 50,80 | 30,99 | 29,21 | 17,81 | 126,00 | 7,90 | 45,57 | 7,00/6,00 | 42,29 | 58,55 | 450,0 | 21,00 | 16,21 |
| 40B-2 | 63,50 | 38,10 | 39,37 | 22,89 | 154,90 | 10,20 | 55,75 | 8,50/8,00 | 52,96 | 72,29 | 630,0 | 32,00 | 25,50 |
| 48B-2 | 76,20 | 45,72 | 48,26 | 29,24 | 190,40 | 10,50 | 70,56 | 12,00/10,00 | 63,88 | 91,21 | 1000,0 | 50,00 | 41,23 |
| 56B-2 | 88,90 | 53,34 | 53,98 | 34,32 | 221,20 | 11,70 | 81,33 | 13,50/12,00 | 77,85 | 106,60 | 1600,0 | 71,48 | 55,80 |
| 64B-2 | 101,60 | 60,96 | 63,50 | 39,40 | 250,80 | 13,00 | 92,02 | 15,00/13,00 | 90,17 | 119,89 | 2000,0 | 91,00 | 72,50 |
| 72B-2 | 114,30 | 68,58 | 72,39 | 44,48 | 283,70 | 14,30 | 103,81 | 17,00/15,00 | 103,63 | 136,27 | 2500,0 | 120,40 | 92,40 |

¹ Gerade Laschen

¹ Straight side plates





ELITE® **Rollenketten nach DIN ISO 606 (DIN 8187)**
Roller chains according to ISO 606

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| Kettentyp | Teilung | Lichte Weite | Rollen Ø | Bolzen Ø | Bolzenlänge | Max. zusätzl. Länge für Verschlussglieder | Innenglied-breite | Laschen-dicke | Höhe Innenlasche | Querteilung | min. Bruchkraft | Gewicht | Gelenk-fläche |
|---------------------|---------|----------------------------|------------|------------|-------------|---|------------------------|-----------------|--------------------|----------------|-----------------------|---------|-----------------|
| Chain no. | Pitch | Width between inner plates | Roller Ø | Pin Ø | Pin length | Max. add. length of connecting link | Total width inner link | Plate thickness | Height inner plate | Traverse pitch | Min. tensile strength | Weight | Bearing surface |
| ISO | p mm | b1 min. mm | d1 max. mm | d2 max. mm | b4 max. mm | b7 max. mm | b2 max. mm | t / T mm | h2 max. mm | Pt mm | Fmin. KN | kg/m | cm ² |
| BS - Triplex | | | | | | | | | | | | | |
| 05B-3 | 8,00 | 3,00 | 5,00 | 2,31 | 19,90 | 3,10 | 4,77 | 0,80/0,80 | 7,11 | 5,64 | 11,1 | 0,48 | 0,33 |
| 06B-3 ¹ | 9,525 | 5,72 | 6,35 | 3,28 | 34,00 | 3,30 | 8,53 | 1,30/1,30 | 8,26 | 10,24 | 24,9 | 1,16 | 0,84 |
| 08B-3 | 12,70 | 7,75 | 8,51 | 4,45 | 44,90 | 3,90 | 11,30 | 1,60/1,60 | 11,81 | 13,92 | 44,5 | 2,03 | 1,51 |
| 10B-3 | 15,875 | 9,65 | 10,16 | 5,08 | 52,80 | 4,10 | 13,28 | 1,70/1,70 | 14,73 | 16,59 | 66,7 | 2,77 | 2,02 |
| 12B-3 | 19,05 | 11,68 | 12,07 | 5,72 | 61,70 | 4,60 | 15,62 | 1,85/1,85 | 16,13 | 19,46 | 86,7 | 3,46 | 2,68 |
| 16B-3 | 25,40 | 17,02 | 15,88 | 8,28 | 99,90 | 5,40 | 25,45 | 4,15/3,10 | 21,08 | 31,88 | 160,0 | 8,13 | 6,31 |
| 20B-3 | 31,75 | 19,56 | 19,05 | 10,19 | 116,10 | 6,10 | 29,01 | 4,50/3,50 | 26,42 | 36,45 | 250,0 | 10,82 | 8,87 |
| 24B-3 | 38,10 | 25,40 | 25,40 | 14,63 | 150,20 | 6,60 | 37,92 | 6,00/4,80 | 33,40 | 48,36 | 425,0 | 20,10 | 16,63 |
| 28B-3 | 44,45 | 30,99 | 27,94 | 15,90 | 184,30 | 7,40 | 46,58 | 7,50/6,00 | 37,08 | 59,56 | 530,0 | 24,92 | 22,18 |
| 32B-3 | 50,80 | 30,99 | 29,21 | 17,81 | 184,50 | 7,90 | 45,57 | 7,00/6,00 | 42,29 | 58,55 | 670,0 | 31,56 | 24,31 |
| 40B-3 | 63,50 | 38,10 | 39,37 | 22,89 | 227,20 | 10,20 | 55,75 | 8,50/8,00 | 52,96 | 72,29 | 950,0 | 48,10 | 38,25 |
| 48B-3 | 76,20 | 45,72 | 48,26 | 29,24 | 281,60 | 10,50 | 70,56 | 12,00/10,00 | 63,88 | 91,21 | 1500,0 | 75,00 | 61,84 |
| 56B-3 | 88,90 | 53,34 | 53,98 | 34,32 | 327,80 | 11,70 | 81,33 | 13,50/12,00 | 77,85 | 106,60 | 2240,0 | 107,18 | 83,71 |
| 64B-3 | 101,60 | 60,96 | 63,50 | 39,40 | 370,70 | 13,00 | 92,02 | 15,00/13,00 | 90,17 | 119,89 | 3000,0 | 136,00 | 108,74 |
| 72B-3 | 114,30 | 68,58 | 72,39 | 44,48 | 420,00 | 14,30 | 103,81 | 17,00/15,00 | 103,63 | 136,27 | 3750,0 | 180,00 | 135,57 |

¹ Gerade Laschen
¹ Straight side plates

