



FabLink[®]-MD25.4.C

Meat (Beef and Pork) Applications

Fat - Trim Lines, General Conveyence, Packing Lines, Elevator

Poultry Applications

Debonning, Trim Lines, Offal - Feather Lines, Grading Lines, Freezing Lines, Elevator

Seafood Applications

Inspection Tables, Grading Lines, Trim Lines

Bakery Applications

Row Dough Handling, Cooling Lines, Packing Lines

Snack Food Applications

Corn Processing

Fruits and Vegetables Applications

Bulk Feeding, Elevator, Control - Sorting Table

Automotive Applications

Car Part Manufacturing

Tire Manufacturing Applications

Mixer Infeed - Outfeed, Calendering Infeed, Extrusion Outfeed

Packaging Applications

Labelling, Case Packers, Tray Packers, Palletizing - Depalletizing

Corrugated Cardbord Applications

Down Stracker, Corrugator Take Off, Strap Feed

Printing and Paper Applications

Printing Machine Outfeed, Wrapping Machine Outfeed

Beverages and Botteling Applications

Can Palletizing and Depalletizing, Glass Palletizing and Depalletizing, Pet Palletizing and Depalletizing

Material Handling Applications

Incline Applications, Palletizers, Packaging Lines

FabLink®-MD25.4.C

| | |
|----------------|---|
| Pitch | 25.4 mm / 1 inch |
| Belt surface | Close, Smooth Surface |
| Minimum width | 50 mm / 1.97 inch |
| Open Area (%) | 0% |
| Cleat | Yes (T25, T50, TC50, TCH50, TNC75, TNC100, T75, T100) |
| Sidewall | Yes (h=25mm, h=50mm, h=75mm, h=100mm) |
| Pin | Ø 5 mm / 0,197 inch Self Lock |
| Approved | FDA and EU |
| Curve | No |
| Color | Additional colors available |
| Cleanability | Good |
| Belt thickness | 10 mm / 0,394 inch |



Product Features and Functional Benefits

- Easy to clean reduces downtime for cleaning time 70%.
- Unique sprocket engagement - higher product load and longer conveyors.
- Close transfer applications.
- Reduces bacteria growth.
- Bi-directional belt for long conveyors.

Available Moulded Module Sizes

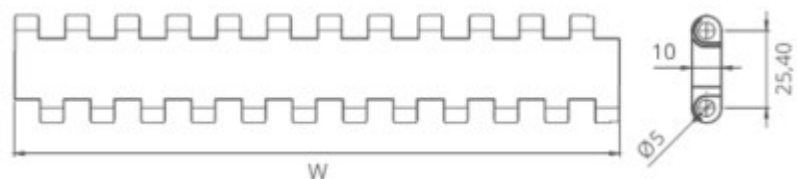
- 200 mm / 7.87 inch module
- 100 mm / 3.94 inch module
- 50 mm / 1.97 inch module
- 33 mm / 1.30 inch module
- 200 mm / 7.87 inch module

Technical Information

| BELT MATERIAL | BELT STRENGTH | | | | TEMPERATURE | | BELT WEIGHT Kg/m ² / lb/ft ² |
|--------------------|---------------|-------|-------|-------|-----------------|-----------------|---|
| | Straight | | Curve | | °C / ° F (min.) | °C / ° F (max.) | |
| | N/mm | lb/ft | N/mm | lb/ft | | | |
| PP (Polypropylene) | 19800 | 1356 | - | - | +5 / +41 | +90 / +194 | 5,5 / 1.13 |
| PE (Polyethylene) | 9900 | 678 | - | - | -73 / -99 | +66 / +150.8 | 5,8 / 1.19 |
| POM (Polyacetal) | 35200 | 2411 | - | - | -43 / -45 | +110 / +230 | 8,4 / 1.71 |

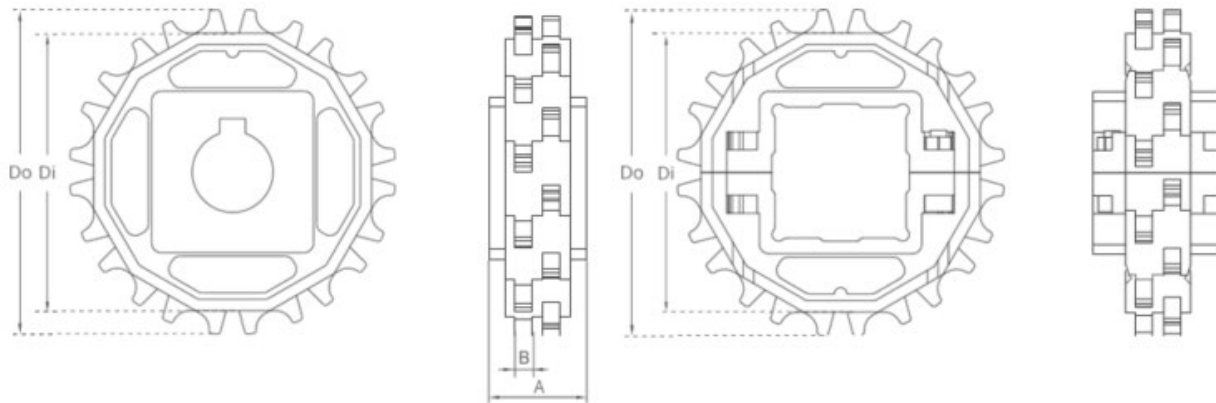
Standard Belt Widths

| WIDTH (W) | | | | BELT WIDTH TOLERANCE (max.) |
|-----------|-------|-------|-------|-----------------------------|
| PP-PE | | POM | | |
| mm | inch | mm | inch | |
| 200,0 | 7.87 | 200,0 | 7.87 | ± 1 mm |
| 250,0 | 9.84 | 250,0 | 9.84 | ± 1 mm |
| 300,0 | 11.81 | 300,0 | 11.81 | ± 2 mm |
| 350,0 | 13.77 | 350,0 | 13.77 | ± 2 mm |
| 400,0 | 15.75 | 400,0 | 15.75 | ± 2 mm |
| 450,0 | 17.71 | 450,0 | 17.71 | ± 2 mm |
| 500,0 | 19.69 | 500,0 | 19.69 | ± 2 mm |
| 550,0 | 21.65 | 550,0 | 21.65 | ± 3 mm |
| 600,0 | 23.62 | 600,0 | 23.62 | ± 3 mm |
| 650,0 | 25.60 | 650,0 | 25.60 | ± 3 mm |
| 700,0 | 27.56 | 700,0 | 27.56 | ± 3 mm |
| 750,0 | 29.50 | 750,0 | 29.50 | ± 3 mm |
| 800,0 | 31.50 | 800,0 | 31.50 | ± 3 mm |
| 850,0 | 33.46 | 850,0 | 33.46 | ± 4 mm |



- Standard belt increments 76,2mm
 - Non-standard belt increments 38.1mm
- Please contact with customer service for precise belt measurements

Sprockets and Technical Specifications



Standard Sprocket Dimensions

| NUMBER OF TEETH | Di mm / inch | Do mm / inch | B mm / inch | A mm / inch | Square Bore (Q) mm / inch | Round Bore (R) mm / inch | PRODUCT CODE | |
|-----------------|--------------|--------------|-------------|-------------|---------------------------|--------------------------|--------------------|-------------------|
| | | | | | | | Square Type (Q) | Round Type (R) |
| Z8 | 52,0 / 2.05 | 67,0 / 2.64 | 6 / 0.24 | 30 / 1.18 | 25 / 1 | 25 / 1 | FL-MD-TR-254SQ25Z8 | FL-MD-TR-254SRZ8 |
| Z10 | 69,0 / 2.72 | 84,0 / 3.31 | 6 / 0.24 | 30 / 1.18 | 40 / 1.5 | 25-30 / 1-1.25 | FL-MD-TR-254SQZ10 | FL-MD-TR-254SRZ10 |
| Z12 | 85,8 / 3.38 | 100,8 / 3.97 | 6 / 0.24 | 30 / 1.18 | 40 / 1.5 | 25-30 / 1-1.25 | FL-MD-TR-254SQZ12 | FL-MD-TR-254SRZ12 |
| Z15 | 110,8 / 4.36 | 125,8 / 4.95 | 6 / 0.24 | 30 / 1.18 | 40 / 1.5 | 25-30 / 1-1.25 | FL-MD-TR-254SQZ15 | FL-MD-TR-254SRZ15 |
| Z16 | 119,1 / 4.69 | 134,1 / 5.28 | 6 / 0.24 | 30 / 1.18 | 40 / 1.5 | 25-30 / 1-1.25 | FL-MD-TR-254SQZ16 | FL-MD-TR-254SRZ16 |
| Z18 | 135,6 / 5.34 | 150,6 / 5.93 | 6 / 0.24 | 30 / 1.18 | 40 / 1.5 | 25-30 / 1-1.25 | FL-MD-TR-254SQZ18 | FL-MD-TR-254SRZ18 |

- * Other sprockets and hub sizes are manufactured upon request
- * PA (Polyamide) and PP (Polypropylene) sprockets are available upon request
- * Machined split sprockets are available for each size



Clamp

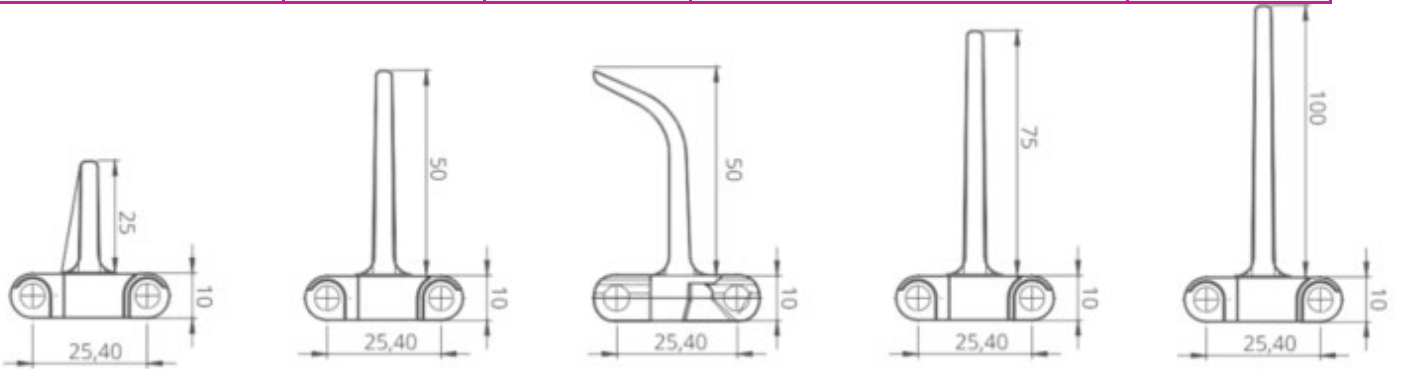
Machines Split Sprocket

Moulded Sprocket

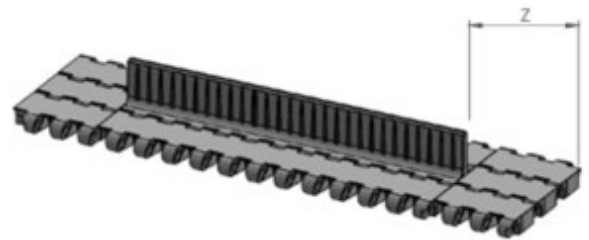
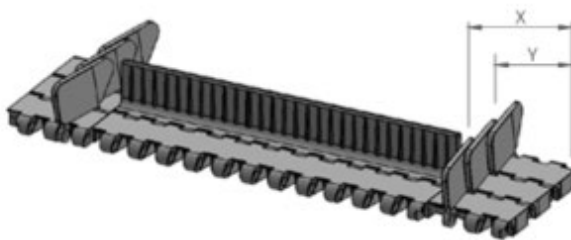
Machines Sprocket



| CLEAT AND SIDEWALLS | | | | |
|---------------------|--------------------------|-------------------------|------------------|-----------------------------|
| Product code | Cleat Height (mm / inch) | Cleat Width (mm / inch) | Product code | Sidewall Height (mm / inch) |
| FL-T25.XP25.4 | 25 / 1 | 152,4 / 6 | FL-SW-25.XP25.4 | 25 / 1 |
| FL-T50.XP25.4 | 50 / 2 | 152,4 / 6 | FL-SW-50.XP25.4 | 50 / 2 |
| FL-T75.XP25.4 | 75 / 3 | 152,4 / 6 | FL-SW-75.XP25.4 | 75 / 3 |
| FL-T100.XP25.4 | 100 / 4 | 152,4 / 6 | FL-SW-100.XP25.4 | 100 / 4 |



* Additional flight dimensions are available up to 100 mm.

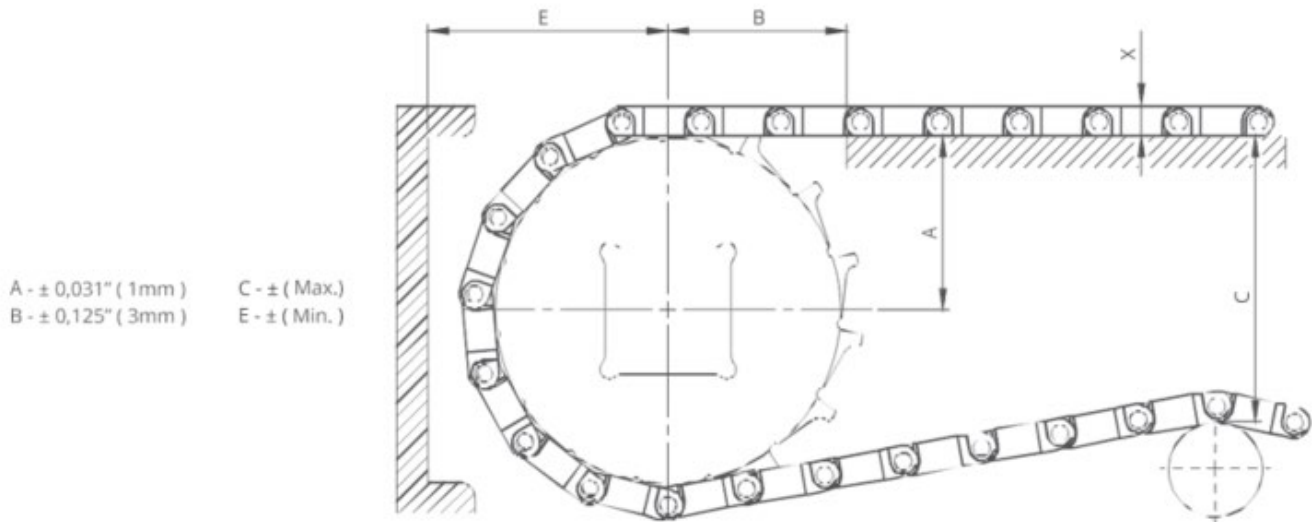


| POSSIBLE SIDEWALL FREE ZONE | X | | Y | |
|-----------------------------|------|------|------|------|
| | mm | inch | mm | inch |
| Standard, no module cutting | 24,0 | 0,94 | 15,0 | 0,59 |
| Module cutting necessary | 32,0 | 1,26 | 22,0 | 0,87 |
| Standard, no module cutting | 40,0 | 1,57 | 30,0 | 1,18 |
| Module cutting necessary | 48,0 | 1,89 | 37,0 | 1,46 |
| Standard, no module cutting | 56,0 | 2,20 | 45,0 | 1,77 |
| Module cutting necessary | 64,0 | 2,52 | 53,0 | 2,09 |

Note: Gap between cleat and sidewall minimum 2-3 mm

| POSSIBLE CLEAT FREE ZONE | Z | |
|-----------------------------|------|------|
| | mm | inch |
| Standard, module cutting | 15,0 | 0,59 |
| Standard, no module cutting | 30,0 | 1,18 |
| Standard, module cutting | 45,0 | 1,77 |
| Standard, module cutting | 60,0 | 2,36 |
| Standard, no module cutting | 76,0 | 2,99 |

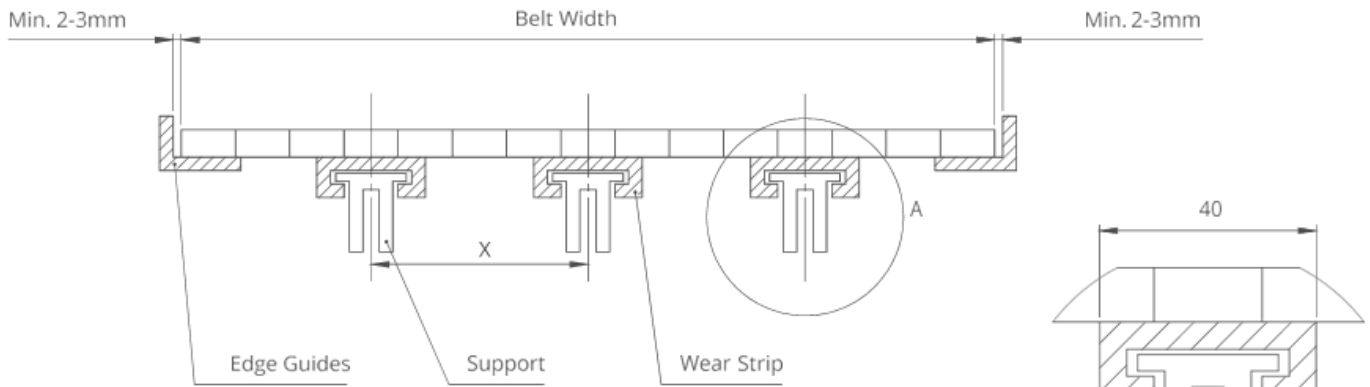
Non-standard cleat is upon request



Conveyor Frame Dimensions

| SPROCKETS DESCRIPTION | | A | | B | | C | | E | | X | | |
|--------------------------------------|-------|-----------------------|------|------|------|------|------|-------|------|------|------|------|
| Pitch Diameter | | Range (Bottom to Top) | | inch | mm | inch | mm | inch | mm | inch | mm | |
| inch | mm | inch | mm | | | | | | | | | |
| FabLink®MD25.4.FG, FabLink®MD25.4.C | | | | | | | | | | | | |
| 2.38 | 60,5 | 8 | 1.15 | 29,2 | 1.55 | 39,4 | 1.95 | 49,5 | 1.94 | 49,2 | 0.39 | 10,0 |
| 3.07 | 78,0 | 10 | 1.46 | 37,1 | 1.77 | 45,0 | 2.60 | 66,1 | 2.25 | 57,1 | 0.39 | 10,0 |
| 3.74 | 95,0 | 12 | 1.76 | 44,8 | 1.97 | 50,1 | 3.24 | 82,3 | 2.55 | 64,8 | 0.39 | 10,0 |
| 4.70 | 119,5 | 15 | 2.22 | 56,4 | 2.23 | 56,7 | 4.18 | 106,1 | 3.01 | 76,4 | 0.39 | 10,0 |
| 5.02 | 127,5 | 16 | 2.37 | 60,2 | 2.38 | 60,5 | 4.46 | 113,2 | 3.21 | 81,5 | 0.39 | 10,0 |
| 5.71 | 145,0 | 18 | 2.73 | 69,3 | 2.45 | 62,3 | 5.19 | 131,8 | 3.51 | 89,3 | 0.39 | 10,0 |
| FabLink®MD25.4.RR, FabLink®MD25.4.GT | | | | | | | | | | | | |
| 2.38 | 60,5 | 8 | 1.15 | 29,2 | 1.55 | 39,4 | 1.95 | 49,5 | 2.18 | 55,4 | 0.64 | 16,3 |
| 3.07 | 78,0 | 10 | 1.46 | 37,1 | 1.77 | 45,0 | 2.60 | 66,1 | 2.48 | 63,1 | 0.64 | 16,3 |
| 3.74 | 95,0 | 12 | 1.76 | 44,8 | 1.97 | 50,1 | 3.24 | 82,3 | 2.79 | 70,9 | 0.64 | 16,3 |
| 4.70 | 119,5 | 15 | 2.22 | 56,4 | 2.23 | 56,7 | 4.18 | 106,1 | 3.25 | 82,7 | 0.64 | 16,3 |
| 5.02 | 127,5 | 16 | 2.37 | 60,2 | 2.38 | 60,5 | 4.46 | 113,2 | 3.46 | 87,8 | 0.64 | 16,3 |
| 5.71 | 145,0 | 18 | 2.73 | 69,3 | 2.45 | 62,3 | 5.19 | 131,8 | 3.76 | 95,5 | 0.64 | 16,3 |

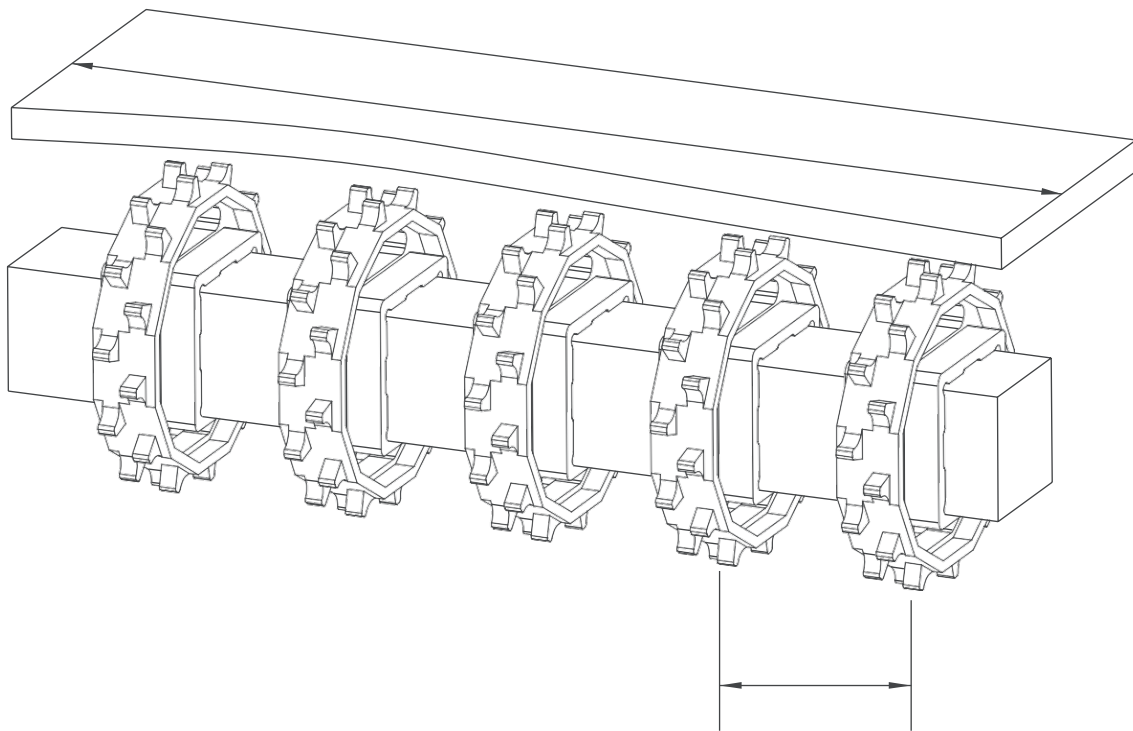
Slider Support System for Straight Running Belts



Note: The max. distances between the wear strips have to be (X) ;

125 mm for 2" belts
80 mm for 1" / 0.5" belts

Detail A
Scale 1:1



Sprockets Arrangement

| Standard Belt Width | | Number of sprockets per shaft | | A (mm/inch) | |
|---------------------|------|-------------------------------|--------------|-------------|-----------|
| mm | inch | Drive Shaft | Return Shaft | Min. | Max. |
| 150,0 | 6.0 | 2 | 2 | 50 / 2 | 120 / 4.7 |
| 200,0 | 8.0 | 2 | 2 | 50 / 2 | 120 / 4.7 |
| 250,0 | 10.0 | 3 | 2 | 50 / 2 | 120 / 4.7 |
| 300,0 | 12.0 | 3 | 2 | 50 / 2 | 120 / 4.7 |
| 350,0 | 14.0 | 3 | 3 | 50 / 2 | 120 / 4.7 |
| 400,0 | 16.0 | 4 | 3 | 50 / 2 | 120 / 4.7 |
| 450,0 | 18.0 | 4 | 3 | 50 / 2 | 120 / 4.7 |
| 500,0 | 20.0 | 5 | 4 | 50 / 2 | 120 / 4.7 |
| 550,0 | 22.0 | 5 | 4 | 50 / 2 | 120 / 4.7 |
| 600,0 | 24.0 | 6 | 5 | 50 / 2 | 120 / 4.7 |
| 700,0 | 26.0 | 7 | 5 | 50 / 2 | 120 / 4.7 |
| 800,0 | 28.0 | 8 | 6 | 50 / 2 | 120 / 4.7 |
| 900,0 | 30.0 | 9 | 7 | 50 / 2 | 120 / 4.7 |
| 1000,0 | 32.0 | 10 | 7 | 50 / 2 | 120 / 4.7 |

Note: number of sprockets depends on belt load