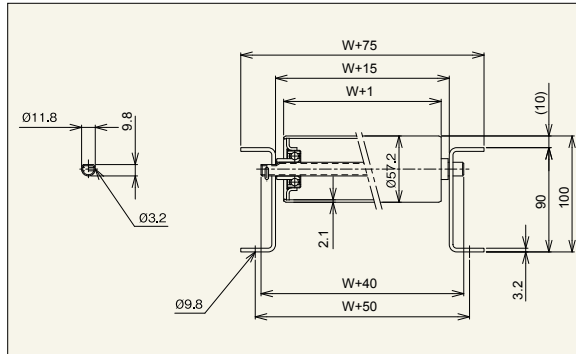


R-5721D

Compatible with R-5721 Free Size Idler



*The connector plate is an optional extra.



[Intended Application]
Conveying light to medium loads
[Product Characteristics]
1) Idler diameter is $\phi 57.2$, wall thickness is $t2.1$, improved impact resistance, idler pitch is min. P75.
2) Idler width (nominal) is 100W-1,000W in standard increments of 50mm. Free sizes are also possible.
3) High quality with precision-machined bearing
4) [90 standard frame
Caution 1. Please indicate the connector plate (the connecting part between conveyors) separately when required.
Caution 2. If the idler pitch (P) is not cleanly divisible, then a suitable pitch (P) will be chosen.

Unit Width / Idler Strength / Standard Weight

| Idler Width (Nominal) W (mm) | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1,000 |
|-----------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| Unit Width W+75 (mm) | 175 | 275 | 375 | 475 | 575 | 675 | 775 | 875 | 975 | 1,075 |
| Strength of One Idler (kg) | 180 | 170 | 150 | 110 | 90 | 75 | 65 | 55 | 50 | 45 |
| Conveyor Standard | 75P | 42.8 | 55.1 | 68.4 | 81.2 | 94.1 | 105.8 | 118.8 | 131.8 | 144.8 |
| | 100P | 37.6 | 47.3 | 57.0 | 66.7 | 76.5 | 85.1 | 95.0 | 104.9 | 114.8 |
| Weight 3,000L (kg) | | | | | | | | | | |
| Idler / Shaft Standard Weight (g) | 522 | 832 | 1,141 | 1,451 | 1,761 | 2,071 | 2,379 | 2,691 | 3,000 | 3,312 |

Caution 1. Idler strength has been calculated using the standard specifications of our company's standard conveyors and shafts. Please take care if you are providing your own shafts or frame.
Caution 2. The strength changes according to the conditions of use (whether there is impact or not). The values given in the chart are approximate values, and are not guaranteed.

Idler Unit Specifications

| Conveyor Model | Idler Unit Model | Idler Dimensions | | | | Idler Width | | | | Free Size | Idler Specifications | | | Bearing |
|----------------|------------------|---------------------------|--------------------|-------------------------|----------------------------------|-------------------------------|-------------------|-------------------|----------|-----------|----------------------|--------------------|--|---------|
| | | Outer Diameter (ϕ) | Wall Thickness (t) | Shaft Indent (ϕ) | Standard Idler Width (Nominal) W | Standard Full Idler Length BB | Possible Width | | Material | | Surface Treatment | Specifications | | |
| | | | | | | | Minimum Width (W) | Maximum Width (W) | | | | | | |
| R-5721D | R-5721D | 57.2 | 2.1 | 12.2 | 100 - 1,000 | W+13 | 50 | 1,500 | Y | STKM | Molten zinc plating | Precision-machined | | |

Standard Shaft Specifications

| Nominal Diameter (Actual Diameter) \times Thickness (ϕ) | Wall Thickness (t) | Shaft Length (mm) | Shape | Finish | Material | Plating |
|--|--------------------|-------------------|-------|---------------------------------------|----------|---------|
| 12 (11.8) \times 1.0 | | W+40 | Pipe | Circular/Horizontal crescent pin hole | STKM11A | X |

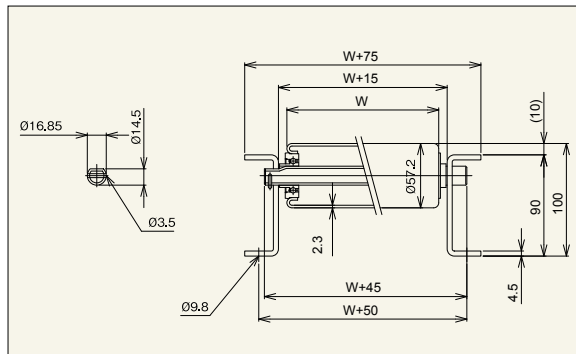
Idler Conveyor Specifications

| Frame Specifications | | | Manufactured Range of Standard Lengths | | | | Standard Idler Pitch | Unit Height (Idler Upper Surface) H | |
|---|----------|-------------------|--|-------|-------|-------|----------------------|-------------------------------------|-----|
| Height \times Width \times Wall Thickness $l \times K \times t$ | Material | Surface Treatment | Unit Length L | | | | | | |
| | | | 1,000 | 1,500 | 2,000 | 3,000 | R900 Inner Curve | Pitch P | |
| [90 \times 30 \times 3.2 | Steel | Baked-on coating | Y | Y | Y | Y | Y | 75 / 100 / 150 / 200 | 100 |

R-5723



*The connector plate is an optional extra.



[Intended Application]
Conveying heavy loads
[Product Characteristics]
1) Idler diameter is $\phi 57.2$, wall thickness is $t2.3$, highly versatile for heavy loads. Idler pitch is min. P75.
2) Idler width (nominal) is 100W-1,000W in standard increments of 50mm.
3) High quality with precision-machined bearing
4) [90 standard frame
Caution 1. Please indicate the connector plate (the connecting part between conveyors) separately when required.
Caution 2. If the idler pitch (P) is not cleanly divisible, then a suitable pitch (P) will be chosen.

Unit Width / Idler Strength / Standard Weight

| Idler Width (Nominal) W (mm) | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1,000 |
|-----------------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| Unit Width W+75 (mm) | 175 | 275 | 375 | 475 | 575 | 675 | 775 | 875 | 975 | 1,075 |
| Strength of One Idler (kg) | 390 | 360 | 328 | 280 | 224 | 177 | 160 | 132 | 112 | 104 |
| Conveyor Standard | 75P | 55.8 | 71.7 | 87.7 | 103.7 | 119.6 | 131.4 | 147.4 | 163.3 | 179.4 |
| | 100P | 49.8 | 61.8 | 74.0 | 86.2 | 98.2 | 106.1 | 118.3 | 130.4 | 142.6 |
| Weight 3,000L (kg) | | | | | | | | | | |
| Idler / Shaft Standard Weight (g) | 607 | 990 | 1,374 | 1,758 | 2,142 | 2,526 | 2,910 | 3,294 | 3,679 | 4,063 |

Caution 1. Idler strength has been calculated using the standard specifications of our company's standard conveyors and shafts. Please take care if you are providing your own shafts or frame.
Caution 2. The strength changes according to the conditions of use (whether there is impact or not). The values given in the chart are approximate values, and are not guaranteed.

Idler Unit Specifications

| Conveyor Model | Idler Unit Model | Idler Dimensions | | | | Idler Width | | | | Free Size | Idler Specifications | | | Bearing |
|----------------|------------------|---------------------------|--------------------|-------------------------|----------------------------------|-------------------------------|-------------------|-------------------|--------------|-----------|----------------------|--------------------|--|---------|
| | | Outer Diameter (ϕ) | Wall Thickness (t) | Shaft Indent (ϕ) | Standard Idler Width (Nominal) W | Standard Full Idler Length BB | Possible Width | | Material | | Surface Treatment | Specifications | | |
| | | | | | | | Minimum Width (W) | Maximum Width (W) | | | | | | |
| R-5723 | R-5723 | 57.2 | 2.3 | 17.2 | 100 - 1,000 | W+13 | 100 | 1,000 | 50mm Increm. | STKM | Molten zinc plating | Precision-machined | | |

Standard Shaft Specifications

| Nominal Diameter (Actual Diameter) \times Thickness (ϕ) | Wall Thickness (t) | Shaft Length (mm) | Shape | Finish | Material | Plating |
|--|--------------------|-------------------|-------|---------------------------------------|----------|---------|
| 17 (16.85) \times 2.0 | | W+45 | Pipe | Circular/Horizontal crescent pin hole | STKM11A | X |

Idler Conveyor Specifications

| Frame Specifications | | | Manufactured Range of Standard Lengths | | | | Standard Idler Pitch | Unit Height (Idler Upper Surface) H | |
|---|----------|-------------------|--|-------|-------|-------|----------------------|-------------------------------------|-----|
| Height \times Width \times Wall Thickness $l \times K \times t$ | Material | Surface Treatment | Unit Length L | | | | | | |
| | | | 1,000 | 1,500 | 2,000 | 3,000 | R900 Inner Curve | Pitch P | |
| [90 \times 30 \times 4.5 | Steel | Baked-on coating | Y | Y | Y | Y | Y | 75 / 100 / 150 / 200 | 100 |