

3816/3826 Series Accumulating Conveyor Roller



3816

3826

3816/3826 Series

Steel Single/Double Adjustable Accumulating Roller

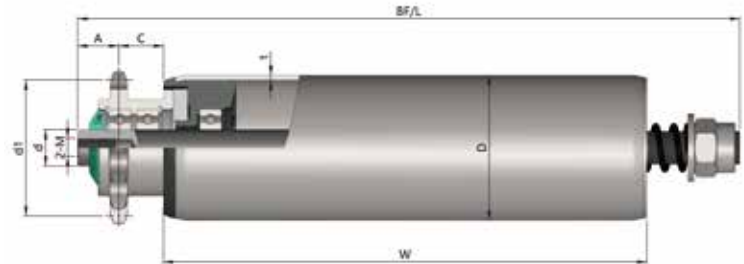
Product Features

- The accumulation force can be adjusted with high flexibility by the nut at the end of the roller.
- The precision ball bearing is pressed tightly into the steel bearing housing for maximum durability.
- The friction housing is made of special material which greatly improves its abrasion resistance and lifespan.
- Temperature range: $-5^{\circ}\text{C} \sim +40^{\circ}\text{C}$.
- Humidity available $\geq 30\%$

Please contact us if humidity out of this scope.

Specifications

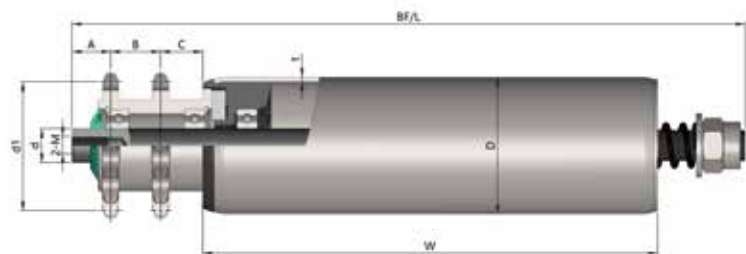
| Bearing Unit | |
|------------------------|-----------------------|
| Bearing housing | Polyamide/zinc plated |
| Precision ball bearing | 6001/6002 |
| Drive Element | |
| Sprocket | Steel |



3816 Series Internal Thread

| Tube Dia.(D) | Shaft Dia.(d) | | Sprocket Type | A | C | d1 |
|--------------|---------------|-----------|---------------|----|------|--------|
| Φ50 | Φ12 | BF/L=W+70 | 08B11T | 17 | 18.5 | Φ45.08 |
| Φ60 | Φ15 | BF/L=W+70 | 08B14T | 17 | 18.5 | Φ57.07 |

| Tube | D*T | Shaft Dia.(d) | |
|--------------------|---------|---------------|---------------|
| | | Φ12 (M8x15) | Φ15 (M8x15) |
| Steel, zinc plated | Φ50x1.5 | 3.816.SHC.ACC | |
| | Φ60x2.0 | | 3.816.SOC.ADC |
| Stainless steel | Φ50x1.5 | 3.816.NHC.BCC | |
| | Φ60x2.0 | | 3.816.NOC.BDC |



3826 Series Internal Thread

| Tube Dia.(D) | Shaft Dia.(d) | | Sprocket Type | A | B | C | d1 |
|--------------|---------------|-----------|---------------|----|----|------|--------|
| Φ50 | Φ12 | BF/L=W+92 | 08B11T | 17 | 22 | 18.5 | Φ45.08 |
| Φ60 | Φ15 | BF/L=W+92 | 08B14T | 17 | 22 | 18.5 | Φ57.07 |

| Tube | D*T | Shaft Dia.(d) | |
|--------------------|---------|---------------|---------------|
| | | Φ12 (M8x15) | Φ15 (M8x15) |
| Steel, zinc plated | Φ50x1.5 | 3.826.SHC.ACC | |
| | Φ60x2.0 | | 3.826.SOC.ADC |
| Stainless steel | Φ50x1.5 | 3.826.NHC.BCC | |
| | Φ60x2.0 | | 3.826.NOC.BDC |

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Duty Capacity Table of Accumulating Roller

3214/3224 Series [Polymer Single/Double Sprocket Accumulating Roller](#)

⚠ Duty capacity/ pc (No resistance from guardrail)

| Roller material Conveying goods material | Steel tube | Rubber lagging |
|---|------------|----------------|
| paper | 3~20kg | 2~15kg |
| plastic | 5~25kg | 2~20kg |

3211/3221 Series [Steel Single/Double Sprocket Accumulating Roller](#)

⚠ Duty capacity/ pc (No resistance from guardrail)

| Roller material Conveying goods material | Steel tube | Rubber lagging |
|---|------------|----------------|
| paper | 3~15kg | 2~15kg |
| plastic | 5~20kg | |

3816/3826 Series [Steel Single/Double Adjustable Accumulating Roller](#)

⚠ Duty capacity/ pc (No resistance from guardrail)

| Roller material Conveying goods material | Φ 50x1.5 | Φ 60x2.0 |
|---|----------|----------|
| plastic | 0~55kg | 0~70kg |
| wood | | |
| paper | 0~40kg | |

Please contact us if out of above range.

Note: All duty capacity mentioned is in the status of free of guardrail resistance or roller guardrail.

⚠ Please pay attention to the effective driving force when using the accumulating roller.

It is suggested to adopt the roller guardrail to minimize the frictional resistance between the conveyed object and the guardrail.

In case of special conveyed objects or absence of experience in using it, please test the prototype first.