

## 3816/3826 Series Accumulating Conveyor Roller



3816

3826

# 3816/3826 Series

## Steel Single/Double Adjustable Accumulating Roller

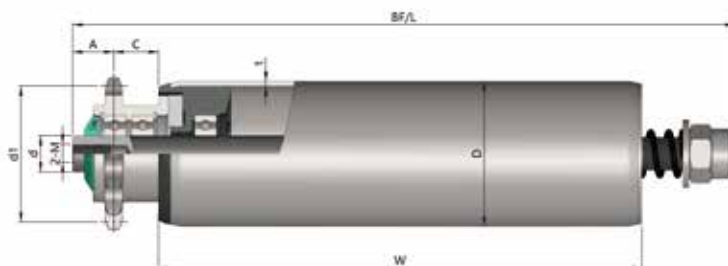
### Product Features

- 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

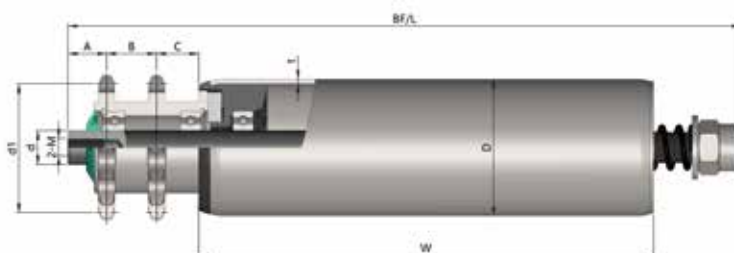
Bearing Unit	
Bearing housing	Polyamide/zinc plated
Precision ball bearing	6001/6002
Drive Element	
Sprocket	Steel



## 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

## 3816/3826 Series Accumulating Conveyor Roller

### 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.