

3816/3826 Series Accumulating Conveyor Roller



3816

3826

3816/3826 Series

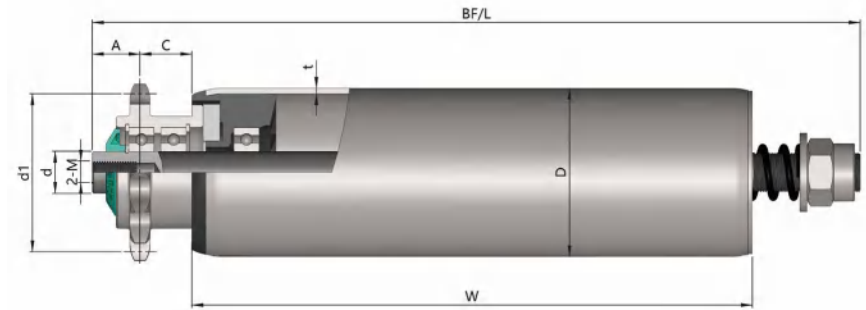
Steel Single/Double Adjustable Accumulating Roller

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℃ ~ +40℃.
 - Humidity range: 30%~ 90% RH (non-condensation).
- Please contact us if humidity out of this scope.

Specifications

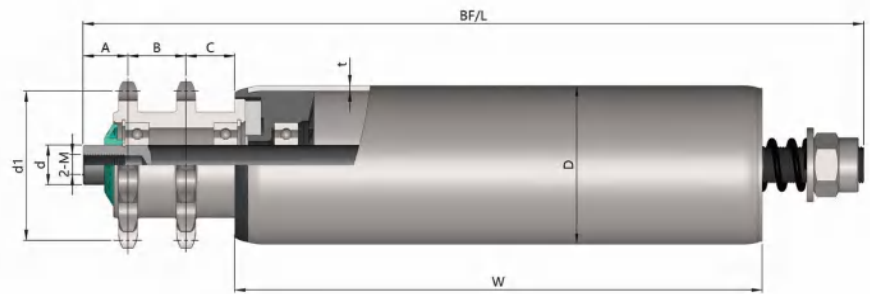
Bearing Unit	
Bearing housing	Polyamide/zinc plated
Precision ball bearing	6001/6002/6204
Drive Element	
Sprocket	Steel



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
Φ76	Φ20	BF/L=W+78	10A13T	20	18.5	Φ66.33

Tube	D*T	Shaft Dia.(d)		
		Φ12 (M8x15)	Φ15 (M8x15)	Φ20 (M12x25)
Steel, zinc plated	Φ50x1.5	3.816.SHC.ACC		
	Φ60x2.0		3.816.SOC.ADC	
	Φ76x3.0			3.816.JSA.AEC
Stainless steel (304)	Φ50x1.5	3.816.NHC.BCC		
	Φ60x2.0		3.816.NOC.BDC	
	Φ76x3.0			3.816.NSC.BEC



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
Φ76	Φ20	BF/L=W+103	10A13T	20	25	18.5	Φ66.33

Tube	D*T	Shaft Dia.(d)		
		Φ12 (M8x15)	Φ15 (M8x15)	Φ20 (M12x25)
Steel, zinc plated	Φ50x1.5	3.826.SHC.ACC		
	Φ60x2.0		3.826.SOC.ADC	
	Φ76x3.0			3.826.JSA.AEC
Stainless steel (304)	Φ50x1.5	3.826.NHC.BCC		
	Φ60x2.0		3.826.NOC.BDC	
	Φ76x3.0			3.826.NSC.BEC

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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	Φ 76x3.0
plastic	0~55kg	0~70kg	0~120kg
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.