

2411/2421 Series Driven Conveyor Roller



2411



2421

2411/2421 Series

Steel Single/Double Sprocket Roller

Product Features

- Welding the steel sprocket to the steel tube gives it the capacity to transmit high torque and meet the requirements for heavy duty transportation.
- The bearing end cap consists of a precision ball bearing, a polymer housing and end cap seal. Combined they provide an attractive, smooth and quiet running roller.
- The design of the end cap protects the bearings by providing excellent resistance to dust and splashed water.
- Temperature range: -5°C ~ +40°C.
- Humidity available \geq 30%

Please contact us if humidity out of this scope.

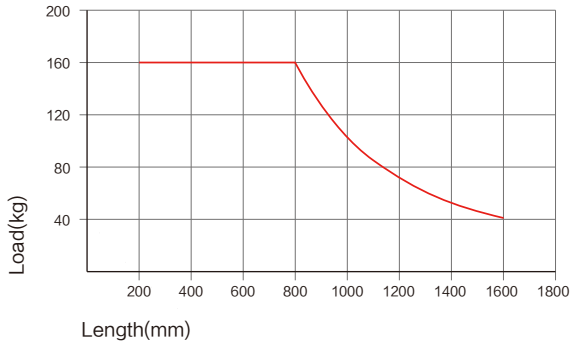
Specifications

Bearing Unit	
Bearing housing	Polyamide, black
End cap	Polypropylene, Damon green
Precision ball bearing	6002/6205

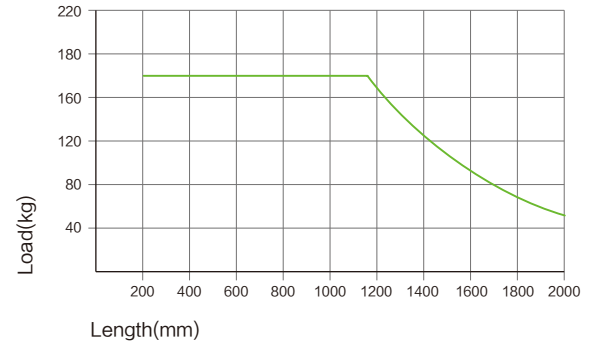
Drive Element	
Sprocket	Steel



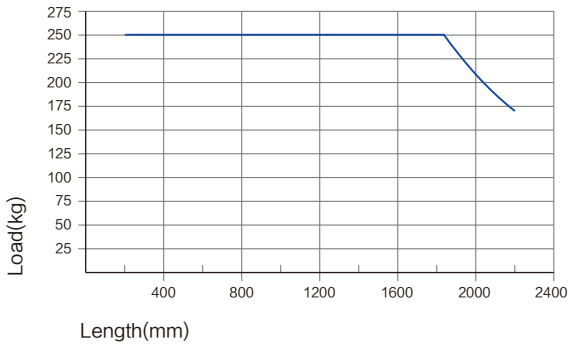
2411/2421 Series Load Capacity



■ Steel tube $\Phi 50 \times 1.5$, shaft $\Phi 12/15$, internal thread



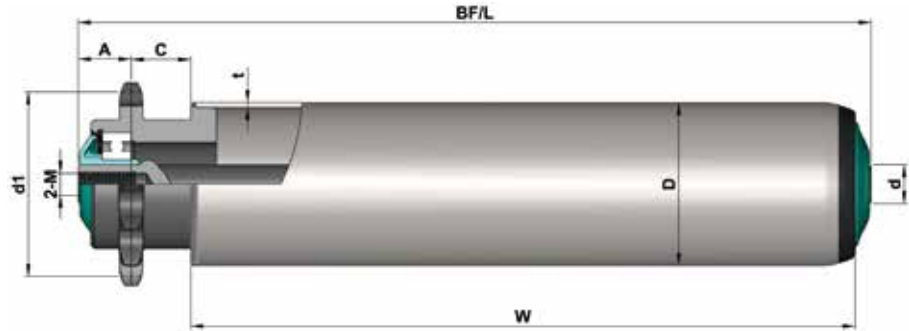
■ Steel tube $\Phi 60 \times 2.0$, shaft $\Phi 12/15$, internal thread



■ Steel tube $\Phi 80 \times 3.0$, shaft $\Phi 20$, internal thread

⚠ Above data shows the static load capacity of the roller for a uniformly distributed load.
You should also consider the chain tension, motor power drive factors, calculation based on the smallest value.

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2411 Series Internal Thread

Tube Dia.(D)	Shaft Dia.(d)		Spocket style	A	C	d1
Φ50	Φ12/15	BF/L=W+41	08B14T	17	18.5	Φ57.07
Φ60	Φ12/15	BF/L=W+41	08B14T	17	18.5	Φ57.07
Φ80	Φ20	BF/L=W+37	10B15T	18	13	Φ76.35

Tube	D*T	Shaft Dia.(d)		
		Φ12 (M8x15)	Φ15 (M10x20)	Φ20 (M12x25)
Steel, zinc plated	Φ50x1.5	2.411.JHA.ACC	2.411.JHA.ADC	
	Φ50x2.0	○	○	
	Φ60x2.0	2.411.JOA.ACC	2.411.JOA.ADC	
Steel, zinc plated with steel flange	Φ80x3.0			2.411.J6A.AEC
	Φ80x3.0			2.411.J6G.AEC
Stainless steel	Φ50x1.5	2.411.NHC.BCC	2.411.NHC.BDC	
	Φ60x2.0	2.411.NOC.BCC	2.411.NOC.BDC	

○—Available configuration

⚙️ Φ50、60mm rollers can be fitted with PVC sleeve (2mm).