



1200 Series Universal Conveyor Roller

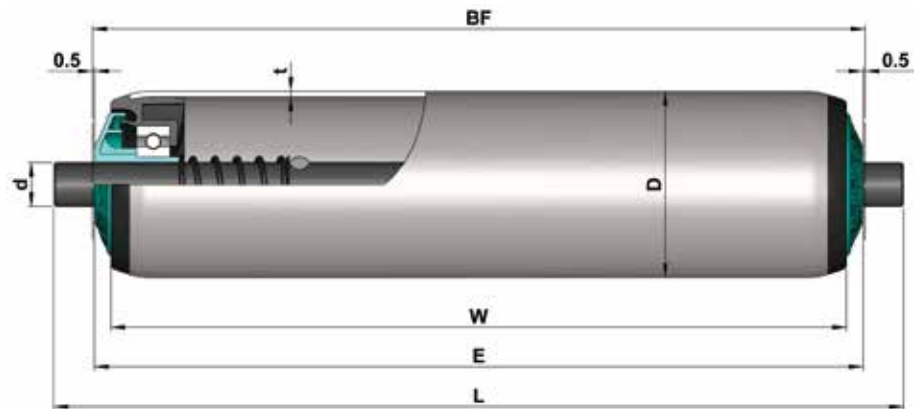
Product Features

- It is widely used and the most popular product in the gravity roller series. It is commonly used in carton conveying applications.
- 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.
- Can be configured with different bearings according to the application. Meets the requirements for light gravity chutes.
- Suitable for the high speed applications. Maximum speed varies with roller length and diameter. Maximum speed up to 120m/min.
- Anti-static configuration available.
- Temperature range: $-5^{\circ}\text{C} \sim +40^{\circ}\text{C}$.

Specifications

Bearing Unit	
Bearing housing	Polyamide, black
End cap	Polypropylene, Damon green
Precision ball bearing	6002/6003/6205

1200 Series Gravity Conveyor Roller

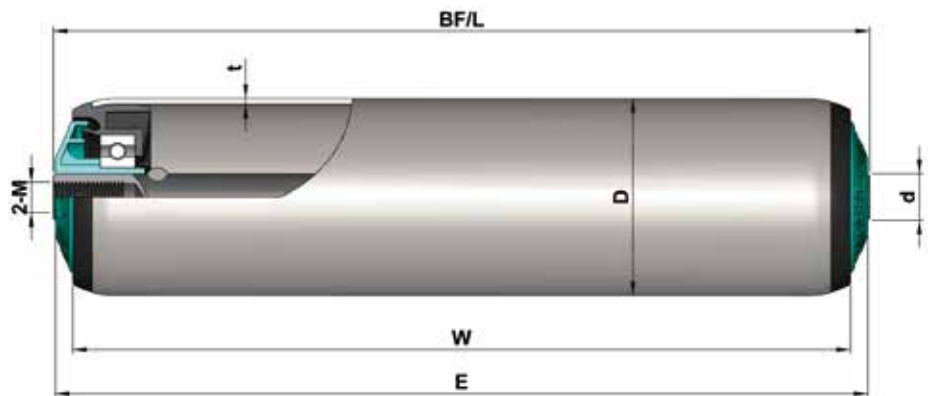


1200 Series Spring Loaded

Tube Dia.(D)	Shaft Dia.(d)			
Φ50	Φ8/10/12/11hex	BF=W+10	E=W+9	L=W+31
Φ60	Φ10/12/11hex	BF=W+10	E=W+9	L=W+31

Tube	D*T	Shaft Dia.(d)			
		Φ8	Φ10	11hex	Φ12
Steel, zinc plated	Φ50x1.5	○	1.200.JHA.AMA	1.200.JHA.AFA	1.200.JHA.ACA
	Φ50x2.0		○	1.200.JWA.AFA	1.200.JWA.ACA
	Φ60x2.0		○	1.200.JOA.AFA	1.200.JOA.ACA
Steel, zinc plated with PVC sleeve (2mm)	Φ50x1.5	○	1.200.HHD.AMA	1.200.HHD.AFA	1.200.HHD.ACA
	Φ50x2.0		○	○	○
Stainless steel	Φ50x1.5	○	1.200.NHC.BMA	1.200.NHC.BFA	1.200.NHC.BCA
	Φ60x2.0		○	1.200.NOC.BFA	1.200.NOC.BCA
Aluminium	Φ50x1.5	○	1.200.AHC.AMA	1.200.AHC.AFA	1.200.AHC.ACA
	Φ60x2.0		○	1.200.AOC.AFA	1.200.AOC.ACA
PVC	Φ50x2.5	○	1.200.P8C.BMA	○	1.200.P8C.BCA

○—Available configuration



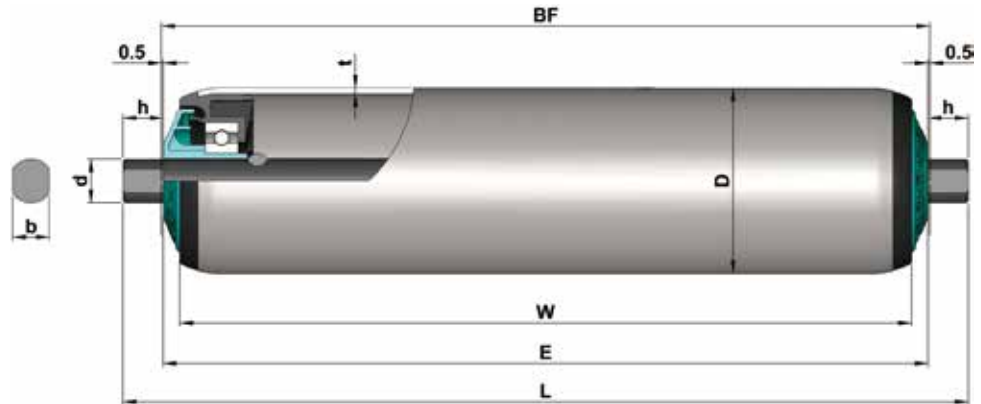
1200 Series Internal Thread

Tube Dia.(D)	Shaft Dia.(d)			
Φ50	Φ12/15/17	BF=W+10	E=W+9	L=W+10
Φ60	Φ12/15/17	BF=W+10	E=W+9	L=W+10
Φ80	Φ20	BF=W+12	E=W+11	L=W+12

Tube	D*T	Shaft Dia.(d)			
		Φ12 (M8x15)	Φ15 (M10x20)	Φ17 (M12x25)	Φ20 (M12x25)
Steel, zinc plated	Φ50x1.5	1.200.JHA.ACC	1.200.JHA.ADC	1.200.JHA.AGC	
	Φ50x2.0	1.200.JWA.ACC	1.200.JWA.ADC	○	
	Φ60x2.0	1.200.JOA.ACC	1.200.JOA.ADC		
	Φ60x3.0			1.200.JLA.AGC	
	Φ80x3.0				1.200.J6A.AEC
Steel, zinc plated with PVC sleeve (2mm)	Φ50x1.5	1.200.HHD.ACC	1.200.HHD.ADC		
	Φ50x2.0	○	○	○	
Stainless steel	Φ50x1.5	1.200.NHC.BCC	1.200.NHC.BDC		
	Φ60x2.0	1.200.NOC.BCC	1.200.NOC.BDC		
Aluminium	Φ50x1.5	1.200.AHC.ACC	1.200.AHC.ADC		
	Φ60x2.0	1.200.AOC.ACC	○		
PVC	Φ50x2.5	1.200.P8C.BCC	1.200.P8C.BDC		

○—Available configuration

1200 Series Gravity Conveyor Roller



1200 Series Milled Flats

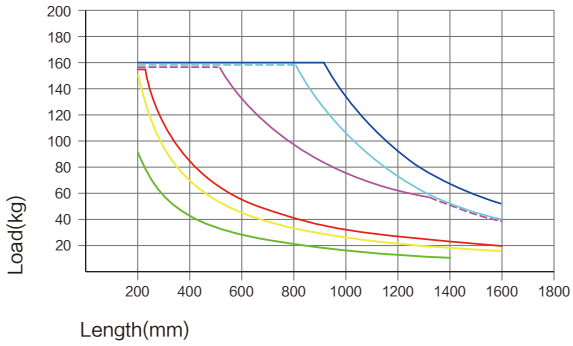
Tube Dia.(D)	Shaft Dia.(d)			
Φ50	Φ12/15/17	BF=W+10	E=W+9	L=W+31
Φ60	Φ12/15/17	BF=W+10	E=W+9	L=W+31
Φ80	Φ20	BF=W+12	E=W+11	L=W+41

Tube	D*T	Shaft Dia.(d)			
		Φ12 (b/h=10/11)	Φ15 (b/h=12/11)	Φ17(b/h=15/11)	Φ20 (b/h=16/15)
Steel, zinc plated	Φ50x1.5	1.200.JHA.ACB	1.200.JHA.ADB	1.200.JHA.AGB	
	Φ50x2.0	1.200.JWA.ACB	1.200.JWA.ADB		
	Φ60x2.0	1.200.JOA.ACB	1.200.JOA.ADB		
	Φ60x3.0			1.200.JLA.AGB	
Steel, zinc plated with PVC sleeve (2mm)	Φ80x3.0				1.200.J6A.AEB
	Φ50x1.5	1.200.HHD.ACB	1.200.HHD.ADB		
Stainless steel	Φ50x2.0	○	○		
	Φ50x1.5	1.200.NHC.BCB	1.200.NHC.BDB		
Aluminium	Φ60x2.0	1.200.NOC.BCB	1.200.NOC.BDB		
	Φ50x1.5	1.200.AHC.ACB	1.200.AHC.ADB		
PVC	Φ60x2.0	1.200.AOC.ACB	○		
	Φ50x2.5	1.200.P8C.BCB	1.200.P8C.BDB		

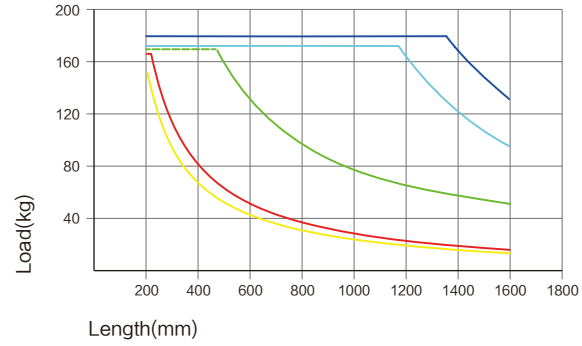
○—Available configuration



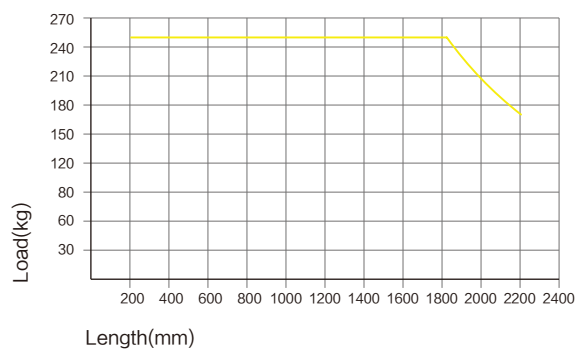
1200 Series Load Capacity



- Tube $\Phi 50 \times 2.0$, shaft $\Phi 12/15$, internal thread
- Tube $\Phi 50 \times 1.5$, shaft $\Phi 12/15$, internal thread
- Tube $\Phi 50 \times 1.5$, shaft $\Phi 15$, milled flats
- Tube $\Phi 50 \times 1.5$, shaft $\Phi 12$, spring loaded
- Tube $\Phi 50 \times 1.5$, shaft $\Phi 11$ hex, spring loaded
- Tube $\Phi 50 \times 1.5$, shaft $\Phi 10$, spring loaded



- Tube $\Phi 60 \times 3.0$, shaft $\Phi 17$, internal thread
- Tube $\Phi 60 \times 2.0$, shaft $\Phi 12/15$, internal thread
- Tube $\Phi 60 \times 2.0$, shaft $\Phi 15$, milled flats
- Tube $\Phi 60 \times 2.0$, shaft $\Phi 12$, spring loaded
- Tube $\Phi 60 \times 2.0$, shaft $\Phi 11$ hex, spring loaded



- 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.