



## 1200 Series Universal Conveyor Roller

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### Product Features

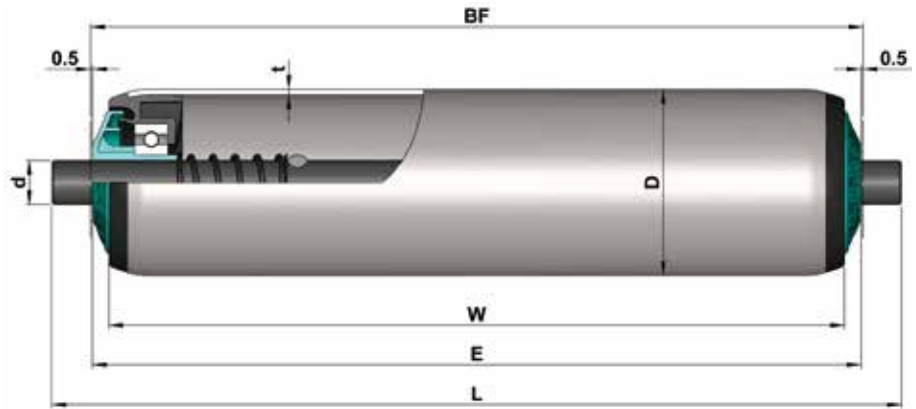
- It is widely used and the most popular product in the gravity roller series. It is commonly used in carton conveying applications.
- The bearing end cap consists of a precision ball bearing, a polymer housing and end cap seal. Combined they provide an attractive, smooth and quiet running roller.
- 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.(only effective when rolling)
- 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	6002/6003/6205

# 1200 Series Gravity Conveyor Roller

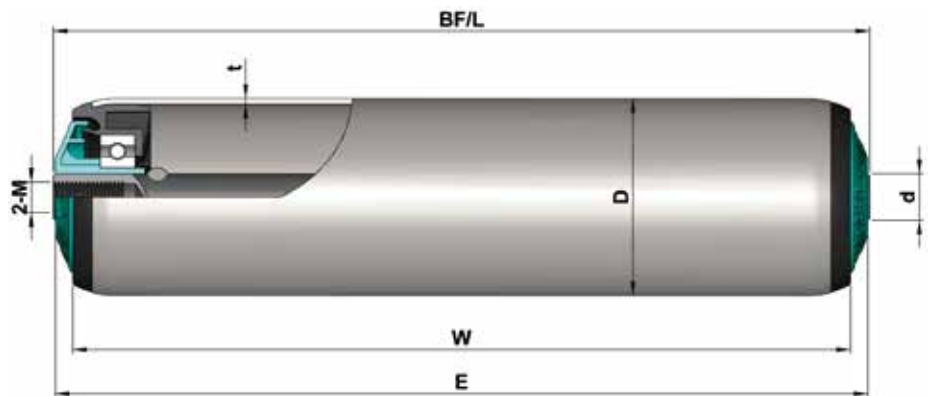


## 1200 Series Spring Loaded

Tube Dia.(D)	Shaft Dia.(d)			
Φ40	Φ8/10/12/11hex	BF=W+10	E=W+9	L=W+31
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	Φ40x1.5	○	1.200.SEC.AMA	1.200.SEC.BFA	1.200.SEC.ACA
	Φ50x1.5	○	1.200.SHC.AMA	1.200.SHC.BFA	1.200.SHC.ACA
	Φ50x2.0		○	1.200.JWA.BFA	1.200.JWA.ACA
	Φ60x2.0		○	1.200.SOC.BFA	1.200.SOC.ACA
Steel, zinc plated with PVC sleeve (2mm)	Φ40x1.5	○	1.200.SED.AMA	1.200.SED.BFA	1.200.SED.ACA
	Φ50x1.5	○	1.200.SHD.AMA	1.200.SHD.BFA	1.200.SHD.ACA
	Φ50x2.0		○	○	○
	Φ60x2.0			1.200.SOD.BFA	1.200.SOD.ACA
Steel, zinc plated with PU sleeve (2mm)	Φ50x1.5	○	1.200.SHV.AMA	1.200.SHV.BFA	1.200.SHV.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.BFA	1.200.AHC.ACA
	Φ60x2.0		○	1.200.AOC.BFA	1.200.AOC.ACA
PVC	Φ50x2.5	○	1.200.P8C.BMA	○	1.200.P8C.BCA

○—Available configuration



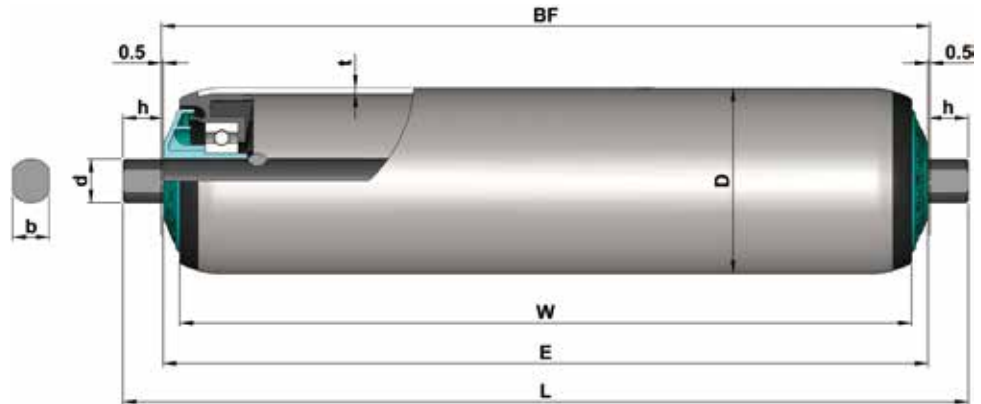
## 1200 Series Internal Thread

Tube Dia.(D)	Shaft Dia.(d)			
Φ40	Φ12	BF=W+10	E=W+9	L=W+10
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	Φ40x1.5	1.200.SEC.ACC			
	Φ50x1.5	1.200.SHC.ACC	1.200.SHC.ADC	1.200.SHC.AGC	
	Φ50x2.0	1.200.JWA.ACC	1.200.JWA.ADC	○	
	Φ60x2.0	1.200.SOC.ACC	1.200.SOC.ADC		
	Φ60x3.0			1.200.JLA.AGC	
Steel, zinc plated with PVC sleeve (2mm)	Φ80x3.0				1.200.J6A.AEC
	Φ40x1.5	1.200.SED.ACC			
	Φ50x1.5	1.200.SHD.ACC	1.200.SHD.ADC	1.200.SHD.AGC	
	Φ50x2.0	○	○	○	
	Φ60x2.0	1.200.SOD.ACC	1.200.SOD.ADC		
Steel, zinc plated with PU sleeve (2mm)	Φ50x1.5	1.200.SHV.ACC	1.200.SHV.ADC	1.200.SHV.AGC	
	Φ50x2.0	○	○	○	
Stainless steel	Φ50x1.5	1.200.NHC.BCC	1.200.NHC.BDC	1.200.NHC.BGC	
	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

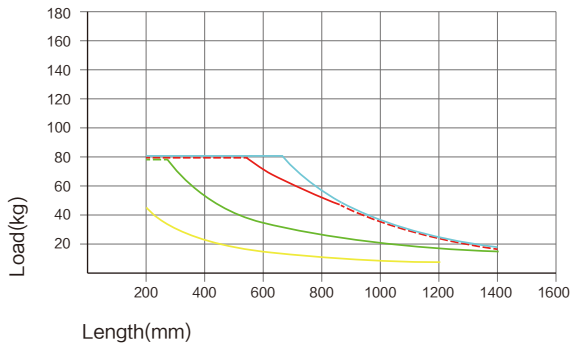
Tube Dia.(D)	Shaft Dia.(d)			
Φ40	Φ12	BF=W+10	E=W+9	L=W+31
Φ50	Φ12/15/17	BF=W+10	E=W+9	L=W+31
Φ60	Φ12/15/17	BF=W+10	E=W+9	L=W+31
Φ80	Φ20	BF=W+12	E=W+11	L=W+41

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	Φ40x1.5	1.200.SEC.ACB			
	Φ50x1.5	1.200.SHC.ACB	1.200.SHC.ADB	1.200.SHC.AGB	
	Φ50x2.0	1.200.JWA.ACB	1.200.JWA.ADB		
	Φ60x2.0	1.200.SOC.ACB	1.200.SOC.ADB		
	Φ80x3.0			1.200.JLA.AGB	1.200.J6A.AEB
Steel, zinc plated with PVC sleeve (2mm)	Φ40x1.5	1.200.SED.ACB			
	Φ50x1.5	1.200.SHD.ACB	1.200.SHD.ADB		
	Φ50x2.0	○	○		
Steel, zinc plated with PU sleeve (2mm)	Φ60x2.0	1.200.SOD.ACB	1.200.SOD.ADB		
	Φ50x1.5	1.200.SHV.ACB	1.200.SHV.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		

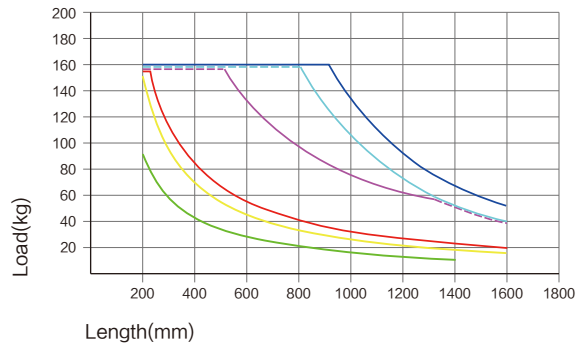
○—Available configuration



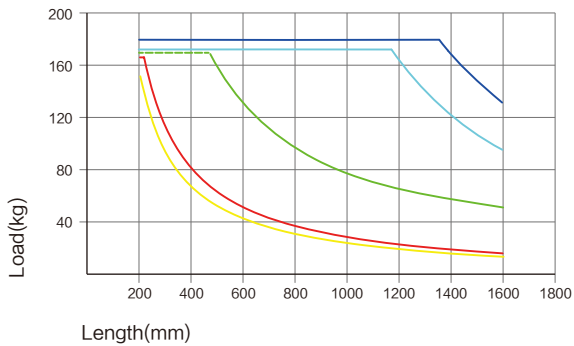
## 1200 Series Load Capacity



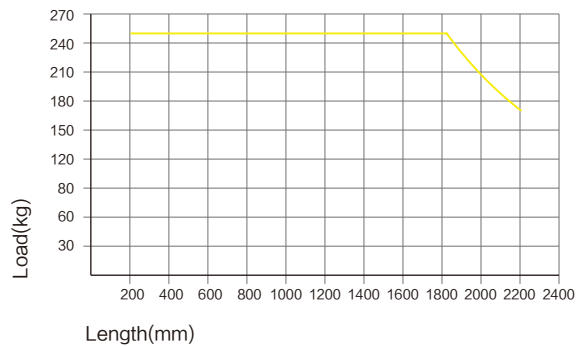
- Steel tube  $\Phi 40 \times 1.5$ , shaft  $\Phi 12$ , internal thread
- Steel tube  $\Phi 40 \times 1.5$ , shaft  $\Phi 12$ , spring loaded
- Steel tube  $\Phi 40 \times 1.5$ , shaft  $\Phi 10$ , spring loaded
- Steel tube  $\Phi 40 \times 1.5$ , shaft  $\Phi 8$ , spring loaded



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



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



- 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.