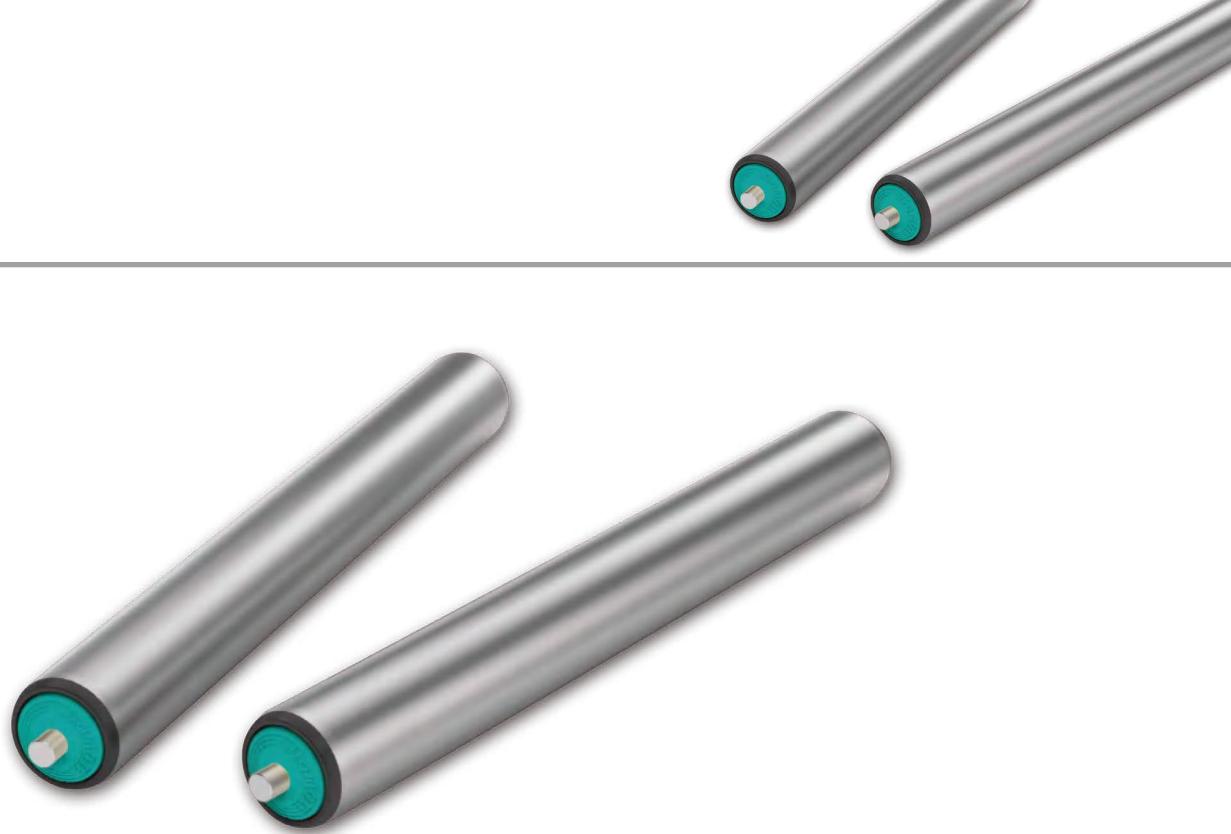




1200 Series

Universal Conveyor Roller

Product Features

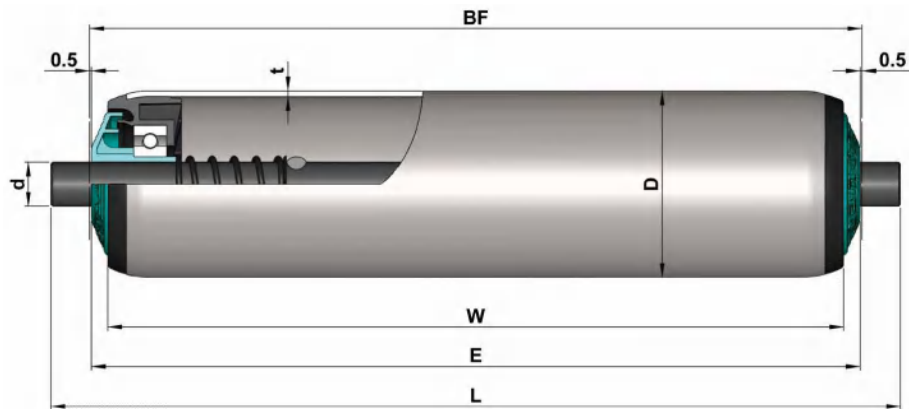
- It is widely used and the most popular product in the gravity roller series. It is commonly used in carton conveying applications.
- The bearing end cap consists of a precision ball bearing, a polymer housing and end cap seal. Combined they provide an attractive, smooth and quite running roller.
- 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 2~3m/s.
- Standard configuration with anti-static design surface impedance $\leq 10^6 \Omega$.
- Temperature range: $-5^{\circ}\text{C} \sim +40^{\circ}\text{C}$.
- Humidity range: 30%~ 90% RH (non-condensation).

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

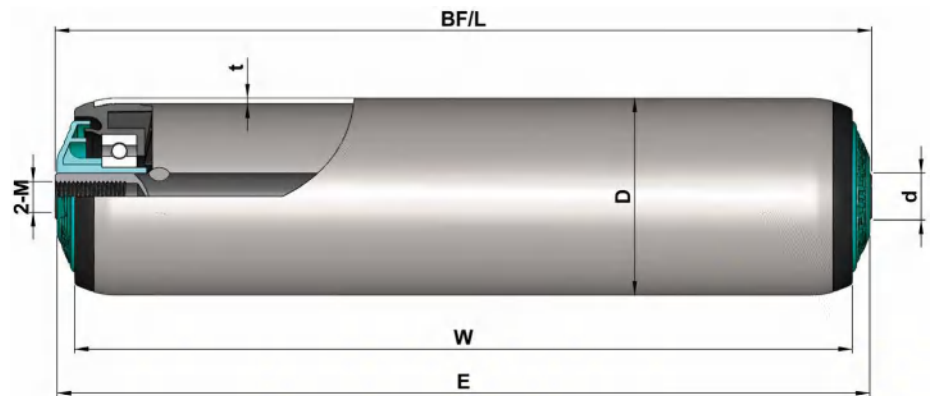


1200 Series Spring Loaded

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



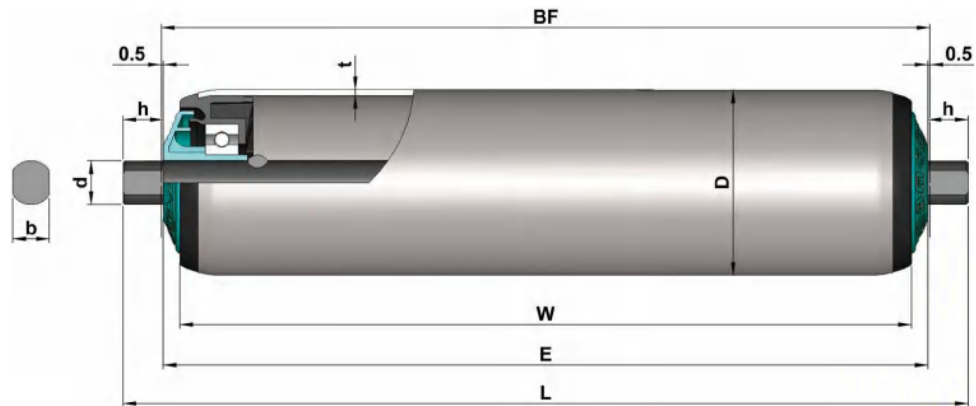
1200 Series Internal Thread

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.SWC.ACC	1.200.SWC.ADC	○	
	Φ60x2.0	1.200.SOC.ACC	1.200.SOC.ADC		
	Φ60x3.0			1.200.JLA.AGC	
	Φ80x3.0				1.200.J6A.AEC
Steel, zinc plated with PVC sleeve (2mm)	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

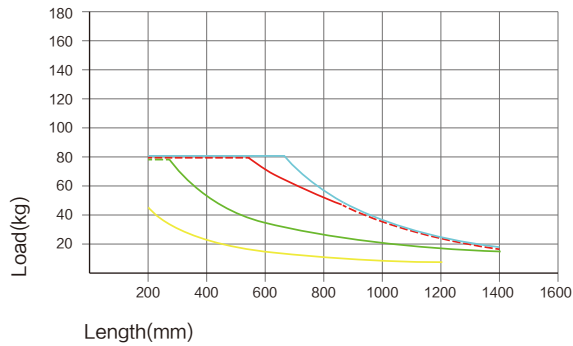
Tube Dia.(D)	Shaft Dia.(d)			
Φ40	Φ12	BF=W+10	E=W+9	L=W+31
Φ50	Φ12/15/17	BF=W+10	E=W+9	L=W+31
Φ60	Φ12/15/17	BF=W+10	E=W+9	L=W+31
Φ80	Φ20	BF=W+12	E=W+11	L=W+41

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		
	Φ60x3.0			1.200.JLA.AGB	
	Φ80x3.0				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	○	○		
	Φ60x2.0	1.200.SOD.ACB	1.200.SOD.ADB		
Steel, zinc plated with PU sleeve (2mm)	Φ50x1.5	1.200.SHV.ACB	1.200.SHV.ADB		
	Φ50x2.0	○	○		
Stainless steel	Φ50x1.5	1.200.NHC.BCB	1.200.NHC.BDB		
	Φ60x2.0	1.200.NOC.BCB	1.200.NOC.BDB		
Aluminium	Φ50x1.5	1.200.AHC.ACB	1.200.AHC.ADB		
	Φ60x2.0	1.200.AOC.ACB	○		
PVC	Φ50x2.5	1.200.P8C.BCB	1.200.P8C.BDB		

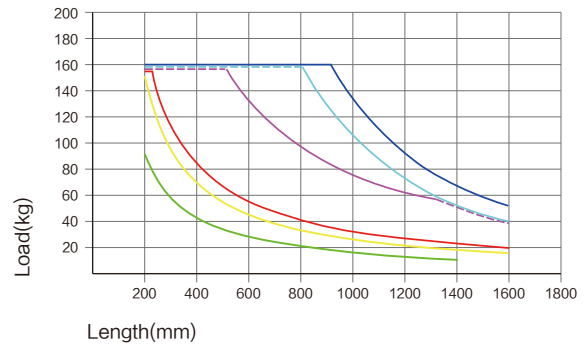
○——Available configuration



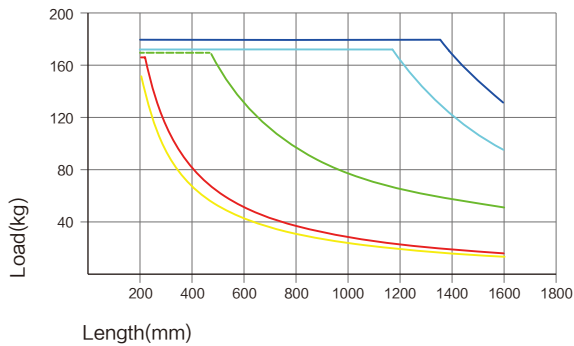
1200 Series Load Capacity



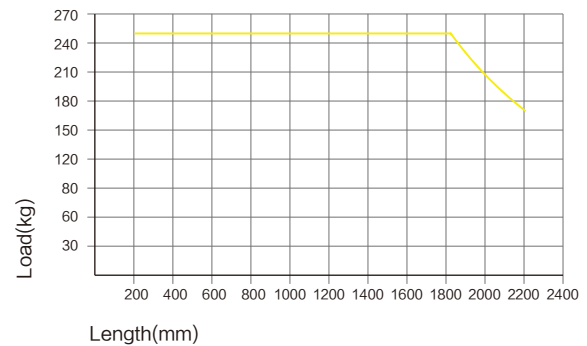
- Steel tube $\Phi 40 \times 1.5$, shaft $\Phi 12$, internal thread
- Steel tube $\Phi 40 \times 1.5$, shaft $\Phi 12$, spring loaded
- Steel tube $\Phi 40 \times 1.5$, shaft $\Phi 10$, spring loaded
- Steel tube $\Phi 40 \times 1.5$, shaft $\Phi 8$, spring loaded



- 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 11hex, 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 11hex, 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.