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Drum selection catalog

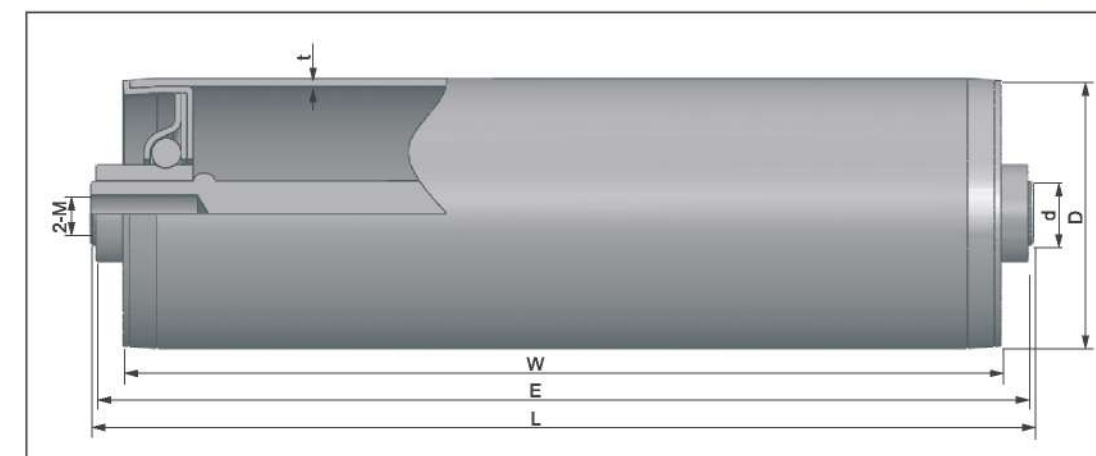
Applicable models	Model	Roller diameter	Characteristics	Outer tube material	Roller diameter	Bearing type	Load
Unpowered roller conveyor		1100	- Flexible rotation - Low manufacturing cost	- Steel galvanized - Stainless steel - Aluminum alloy	Ø25 Ø38 Ø42 Ø50	- Steel stamped bearing seat - Special bearings	Medium load
		1200	- Dust proof - Moisture proof - Low noise	- Steel galvanized - Stainless steel - Aluminum alloy - PVC	Ø32 Ø38 Ø42 Ø50	- Plastic steel bearing seat - Precision bearings	Light and medium load
		1300	- Large loading capacity - Durable	- Steel galvanized - Stainless steel - Aluminum alloy	Ø38 Ø42 Ø50 Ø57	- Steel stamped bearing seat - Precision bearings	Medium load
Single and double chain drive roller conveyors		1400	- Tapered - Large loading capacity	- Steel galvanized - Stainless steel	Little end Ø50 Taper 3.6°	- Machined bearing seat - Precision bearings	Medium load
		1500	- Tapered - Low noise	- Steel galvanized - Jacket engineering plastic	Little end Ø55.6 Taper 3.6°	- Plastic steel bearing seat - Precision bearings	Light and medium load
Single and double chain bending machine		2213	- Plastic steel sprocket - Low noise	- Steel galvanized - Stainless steel - Aluminum alloy	Ø50 Ø60	- Plastic steel bearing seat - Precision bearings	Light and medium load
		2223	- Plastic steel sprocket - Low noise	- Steel galvanized - Stainless steel - Aluminum alloy	Ø50 Ø60	- Plastic steel bearing seat - Precision bearings	Light and medium load
		2311 2321	- Steel sprocket - Large loading capacity	- Steel galvanized - Stainless steel - Aluminum alloy	Ø38 Ø50 Ø57	- Steel stamped bearing seat - Precision bearings	Medium load
Single and double chain bending machine		2411 2421	- Steel sprocket - Tapered	- Steel galvanized - Stainless steel	Little end Ø50 Taper 3.6°	- Machined bearing seat - Precision bearings	Medium load
		2523	- Plastic steel sprocket - Tapered	- Steel galvanized - Jacket engineering plastic	Little end Ø55.6 Taper 3.6°	- Plastic steel bearing seat - Precision bearings	Light and medium load
Roller machine O Belt drive		2230 2240	- Single or double slot - Low noise	- Steel galvanized - Stainless steel	Ø38 Ø50 Ø60	- Plastic steel bearing seat - Precision bearings	Medium load

Applicable models	Model	Roller diameter	Characteristics	Outer tube material	Roller diameter	Bearing type	Load
Roller machine O Belt drive		2330 2340	Single or double slot	- Steel galvanized - Stainless steel	Ø38 Ø50 Ø60	- Steel stamped bearing seat precision - non-standard bearing	Medium load
Roller machine O Belt drive		2430 2440	- Single or double slot - tapered	- Steel galvanized - Stainless steel	Little end Ø55.6 aper 3.6°	- Machined bearing housing - Precision bearing	Medium load
		2530 2540	- Single or double slot - tapered	- Stainless steel - Jacket engineering plastic	Taper 3.6°	- Plastic steel bearing seat - Precision bearing	Light and medium load
Single and double chain accumulation roller conveyor		3213	- Plastic steel sprocket - Accumulation type transmission	- Steel galvanized - Stainless steel - Aluminum alloy	Ø50 Ø60	- Plastic steel bearing seat - Precision bearing	Light and medium load
		3223	- Plastic steel sprocket - Accumulation type transmission	- Steel galvanized - Stainless steel - Aluminum alloy	Ø50 Ø60	- Plastic steel bearing seat - Precision bearings	Light and medium load
		3315 3325	Plastic steel sprocket with adjustable accumulation and release force	- Steel galvanized - Stainless steel	Ø50 Ø60 Ø76	- Steel stamped housing - Precision bearings	Medium load
Moving roller conveyor belt transmission		2250	- Plastic steel double pulley - Low noise	- Steel galvanized - Stainless steel - Aluminum alloy	Ø50	- Plastic steel bearing seat - Precision bearings	Light and medium load
		2351	Steel wedge pulley	- Steel galvanized - Stainless steel	Ø50 Ø60	- Steel seat - Precision bearings	Medium load
Roller machine O Belt drive		2260	- Plastic steel double pulley - Low noise	- Steel galvanized - Stainless steel - Aluminum alloy	Ø50	- Plastic steel bearing seat - Precision bearings	Light and medium load
Moving roller conveyor synchronous belt transmission		2270	- Plastic steel synchronous pulley - Low noise - High transmission accuracy	- Steel galvanized - Stainless steel - Aluminum alloy	Ø50 Ø60	- Plastic steel bearing seat - Precision bearings	Light and medium load
Belt conveyor		ALWH	Strong	- Steel galvanized - Stainless steel	Ø60 Ø76 Ø89 Ø100 Ø110	Drive drum without built-in bearings	High load
		ALNC	Strong	- Steel galvanized - Stainless steel	Ø60 Ø76 Ø89 Ø100 Ø110	Precision bearings	High load

AL1100

Unpowered lightweight roller

Internal thread type



Cylinder outer dia D	Shaft core dia d	Size
25	8	E=W+10 L=W+11
38,42,50,60	12	E=W+10 L=W+11

	Pipe dia & wall thickness	Shaft core diameter	
Outer tube material	D×t	Ø8/M5×10	Ø12/M8×15
Steel galvanised	25×1.2	AL1100.JAA.JAN	
	38×1.5		AL1100.JDA.JCN
	42×1.5		AL1100.JFA.JCN
	50×1.5		AL1100.JHA.JCN
	60×1.5		AL1100.JKA.JCN
Stainless steel	60×2.0		AL1100.JLA.JCN
	25×1.2	AL1100.NAJ.NAN	
	38×1.5		AL1100.NDJ.NCN
	50×1.5		AL1100.NHJ.NCN
	60×1.5		AL1100.NKJ.NCN
Aluminium alloy	60×2.0		AL1100.NLJ.NCN
	25×1.2	AL1100.AAJ.JAN	
	38×1.5		AL1100.ADJ.JCN
	50×1.5		AL1100.AHJ.JCN
	60×2.0		AL1100.ALJ.JCN



AL1100

Light and medium load conveyor rollers

Type Unpowered roller conveyor

Usage Cartons, pallets, standard turnover boxes

Applications Indoor transportation (not applicable to belt conveyor rollers and redirecting rollers)

Drum characteristics Flexible rotation and low manufacturing cost

Bearing components Galvanised steel stamped bearing seat
Special Bearing

Tube Straight seam electric welded steel pipe GB/T13793
Outer diameter 25,38,42,50,60mm

Stainless steel welded steel pipe GB/T12770 Outer diameter 25,38,50,60mm

Aluminium alloy extruded round pipe GB/T4436 Outer diameter 25,38,50,60mm

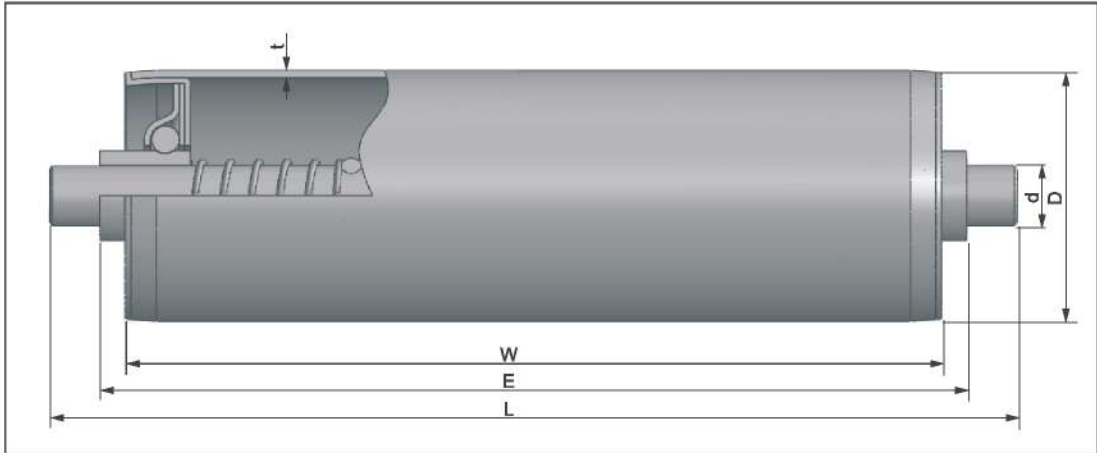
Axis Shaft cold shock steel GB/T905

Internal thread type Diameter 8,12mm
Spring pressed type Diameter 8,12mm
Through shaft pin hole type Diameter 8,12mm
Full flat tenon type Diameter 8,12mm

AL1100

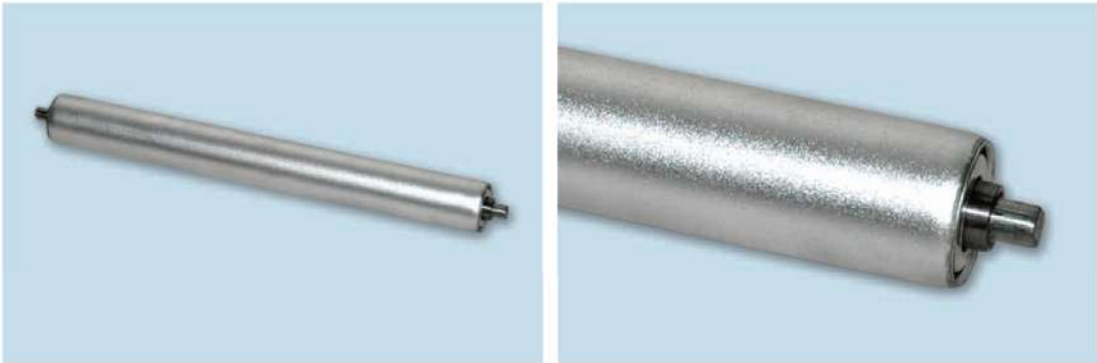
Unpowered lightweight roller

Spring push-in



Cylinder outer dia D	Shaft core dia d	Size	
25	8	E=W+10	L=W+30
38,42,50,60	12	E=W+10	L=W+30

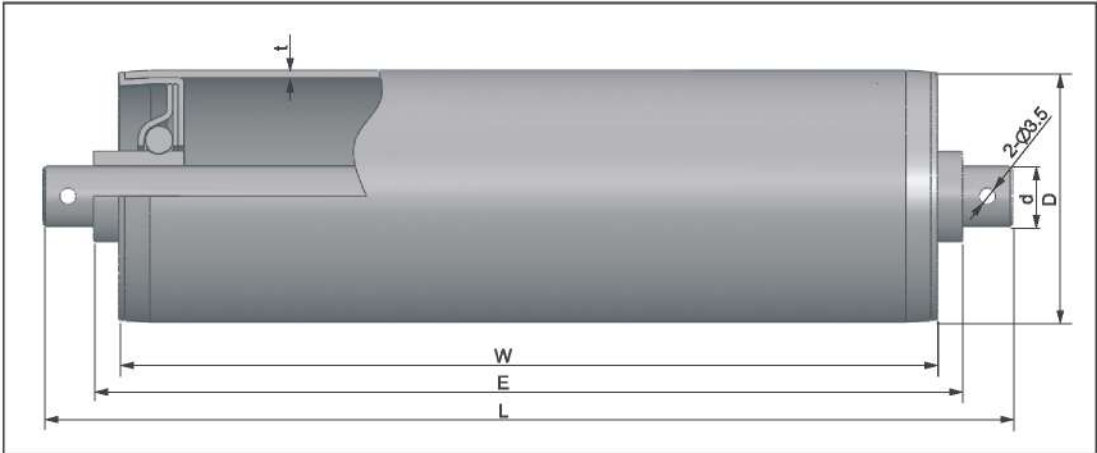
Outer tube material	Pipe dia & wall thickness	Shaft core diameter	
	D×t	Ø 8	Ø12
Steel galvanised	25×1.2	AL1100.JAA.JAT	
	38×1.5		AL1100.JDA.JCT
	42×1.5		AL1100.JFA.JCT
	50×1.5		AL1100.JHA.JCT
	60×1.5		AL1100.JKA.JCT
Stainless steel	60×2.0		AL1100.JLA.JCT
	25×1.2	AL1100.NAJ.NAT	
	38×1.5		AL1100.NDJ.NCT
	50×1.5		AL1100.NHJ.NCT
	60×1.5		AL1100.NKJ.NCT
Aluminium alloy	60×2.0		AL1100.NLJ.NCT
	25×1.2	AL1100.AAJ.JAT	
	38×1.5		AL1100.ADJ.JCT
	50×1.5		AL1100.AHJ.JCT
	60×2.0		AL1100.ALJ.JCT



AL1100

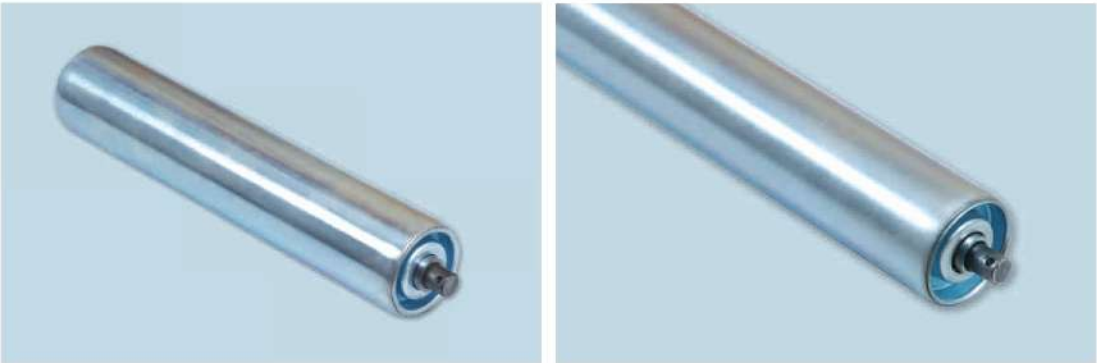
Unpowered lightweight roller

Through-axle pin hole



Cylinder outer dia D	Shaft core dia d	Size	
25	8	E=W+10	L=W+30
38,42,50,60	12	E=W+10	L=W+30

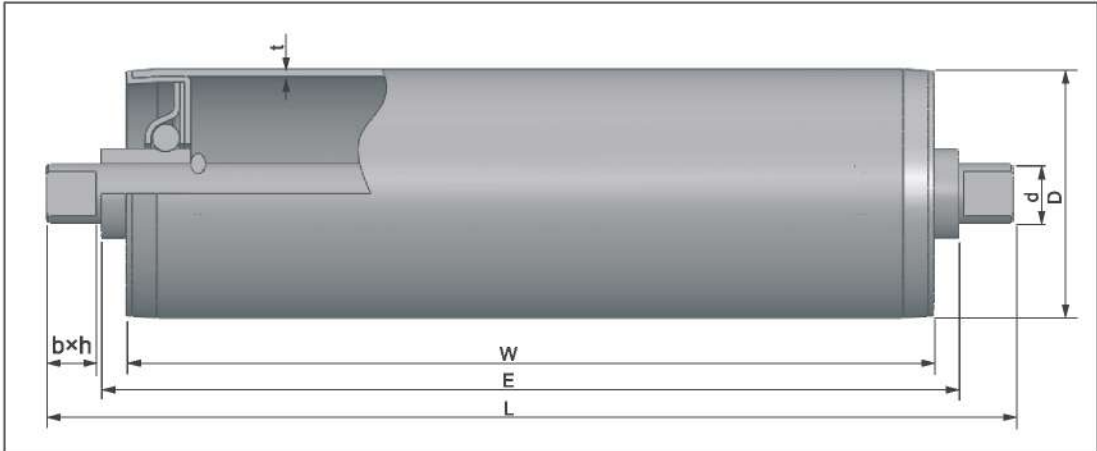
Outer tube material	Pipe dia & wall thickness	Shaft core diameter	
	D×t	Ø 8	Ø12
Steel galvanised	25×1.2	AL1100.JAA.JAK	
	38×1.5		AL1100.JDA.JCK
	42×1.5		AL1100.JFA.JCK
	50×1.5		AL1100.JHA.JCK
	60×1.5		AL1100.JKA.JCK
Stainless steel	60×2.0		AL1100.JLA.JCK
	25×1.2	AL1100.NAJ.NAK	
	38×1.5		AL1100.NDJ.NCK
	50×1.5		AL1100.NHJ.NCK
	60×1.5		AL1100.NKJ.NCK
Aluminium alloy	60×2.0		AL1100.NLJ.NCK
	25×1.2	AL1100.AAJ.JAK	
	38×1.5		AL1100.ADJ.JCK
	50×1.5		AL1100.AHJ.JCK
	60×2.0		AL1100.ALJ.JCK



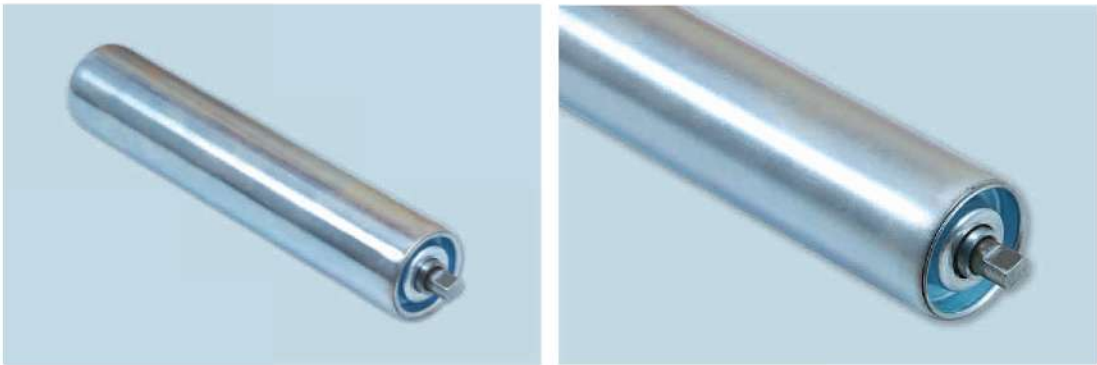
AL1100

Unpowered lightweight roller

Full flat tenon type



Cylinder outer dia D		Shaft core dia d		Size	
25		8		E=W+10	L=W+32
38,42,50,60		12		E=W+10	L=W+32
Outer tube material		Pipe dia & wall thickness		Shaft core diameter	
Steel galvanised		D×t	Ø8/b×h 6×10	Ø12/b×h 8×10	
		25×1.2	AL1100.JAA.JAB	AL1100.JDA.JCB	
		38×1.5		AL1100.JFA.JCB	
		42×1.5		AL1100.JHA.JCB	
		50×1.5		AL1100.JKA.JCB	
		60×1.5		AL1100.JLA.JCB	
		60×2.0			
Stainless steel		25×1.2	AL1100.NAJ.NAB	AL1100.NAJ.NCB	
		38×1.5		AL1100.NHJ.NCB	
		50×1.5		AL1100.NKJ.NCB	
		60×1.5		AL1100.NLJ.NCB	
		60×2.0			
Aluminium alloy		25×1.2	AL1100.AAJ.JAB	AL1100.ADJ.JCB	
		38×1.5		AL1100.AHJ.JCB	
		50×1.5		AL1100.ALJ.JCB	
		60×2.0			



AL1200

Light and medium load conveyor rollers
(General purpose)

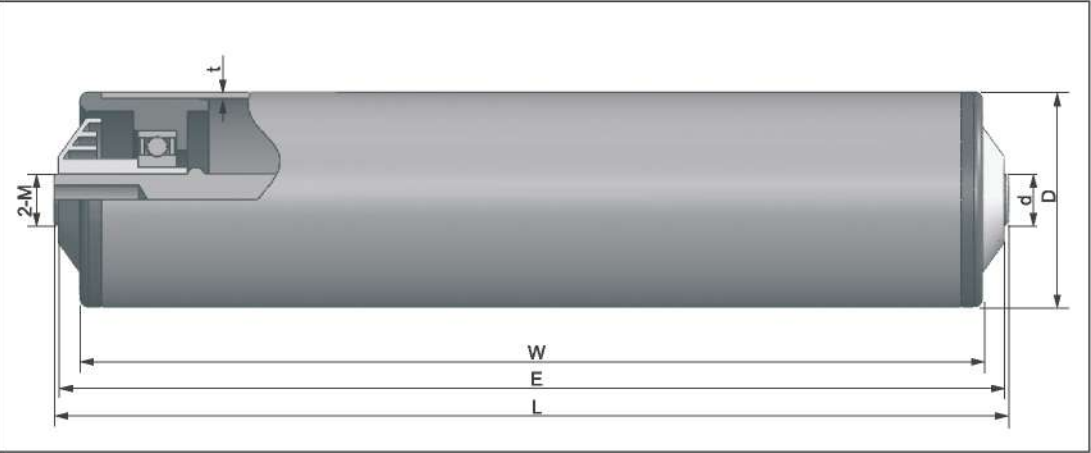
Type	Unpowered roller conveyor
Usage	Cartons, pallets, standard turnover boxes
Applications	Indoor transportation (not applicable to belt conveyor rollers and redirecting rollers)
Drum characteristics	Flexible rotation and low manufacturing cost
Bearing components	Bearing jacket Polypropylene (PP) Bearing inner sleeve Nylon 66 Double sided sealed precision bearings GT/T276

Tube	Axis
Straight seam electric welded steel pipe GB/T13793 Outer diameter 32,38,42,50,60mm	Shaft cold shock steel GB/T905-1994
Stainless steel welded pipe GB/T12770 Outer diameter 32,38,50,60mm	Internal thread shaft type Diameter 10,12mm Spring pressed type Diameter 10, 11hex, 12mm Through shaft pin hole type Diameter 10,12mm Full flat tenon type Diameter 10, 8, 12mm
Aluminium alloy extruded round pipe GB/T4436 Outer diameter 38,50,60mm	
Polyvinyl chloride (PVC) engineering plastics Outer diameter 38,50mm	

AL1200

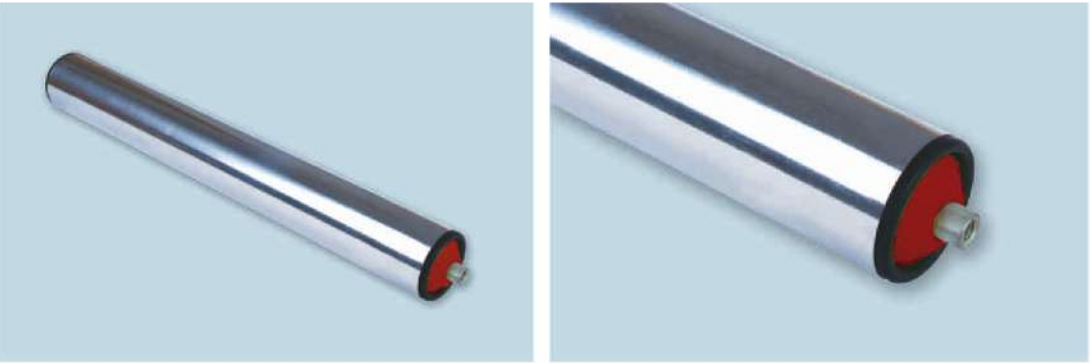
Unpowered light and medium roller

Internal thread type



Cylinder outer dia D	Shaft core dia d	Size
32	10	E=W+11 L=W+12
38,42,50,60	12	E=W+9 L=W+10
76	20	E=W+10 L=W+11

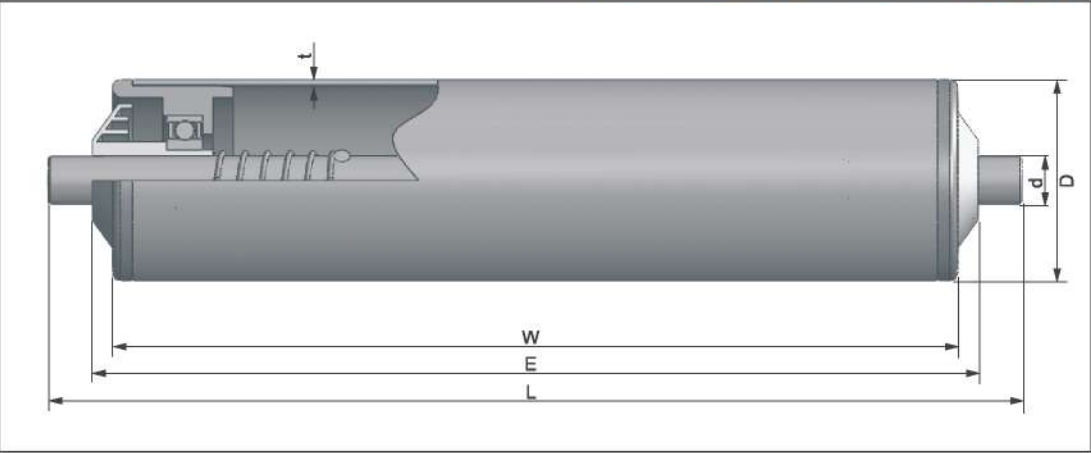
Pipe dia & wall thk		Shaft core diameter		
Outer tube material	D×t	Ø10/M6×12	Ø12/M8×15	Ø20/M12×25
Steel galvanised	32×1.2	AL1200.JCA.JBN		
	38×1.5		AL1200.JDA.JCN	
	42×1.5		AL1200.JFA.JCN	
	50×1.5		AL1200.JHA.JCN	
	50×2.0		AL1200.JIA.JCN	
	60×2.0		AL1200.JLA.JCN	
Stainless steel	76×3.0			AL1200.JPA.JFN
	32×1.2	AL1200.NCJ.NBN		
	38×1.5		AL1200.NDJ.NCN	
	50×1.5		AL1200.NHJ.NCN	
	60×2.0		AL1200.NLJ.NCN	
	76×3.0			AL1200.NPA.NFN
Aluminium alloy	38×1.5		AL1200.ADJ.JCN	
	50×1.5		AL1200.AHJ.JCN	
	60×2.0		AL1200.ALJ.JCN	
PVC	38×1.5		AL1200.PDJ.JCN	
	50×1.5		AL1200.PHJ.JCN	



AL1200

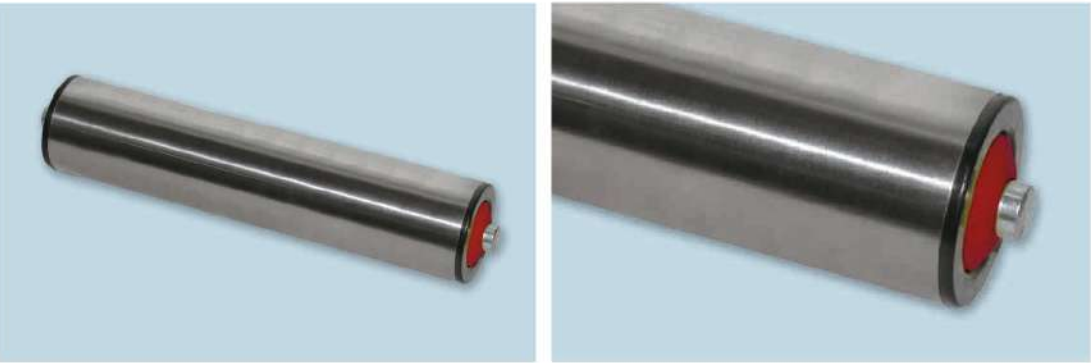
Unpowered light and medium roller

Internal thread type



Cyl outer dia D	Shaft core dia d	Size
32	10	E=W+11 L=W+31
38,42,50,60	12	E=W+9 L=W+29
50,60	11hex	E=W+9 L=W+29
76	20	E=W+10 L=W+30

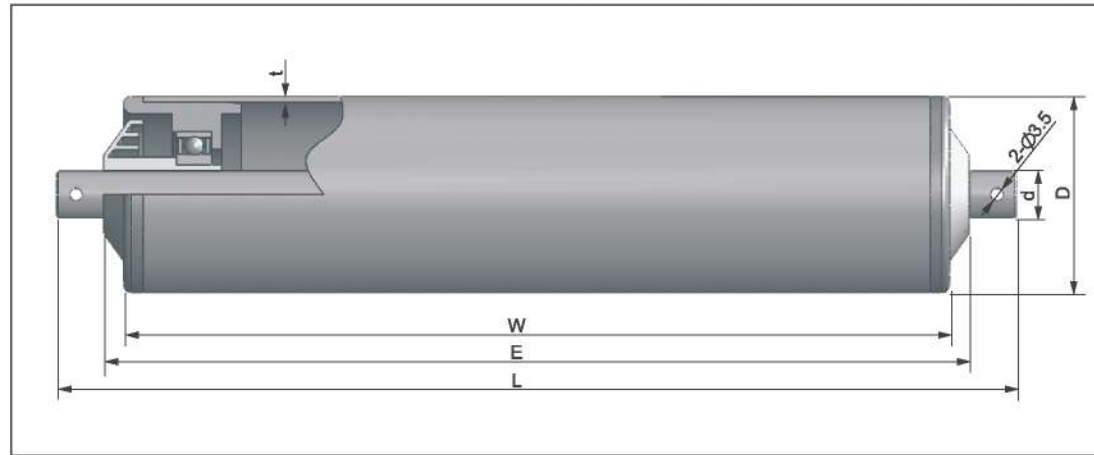
Pipe dia & wall thk		Shaft core diameter			
Outer tube material	D×t	Ø10	Ø12	11hex	Ø20
Steel galvanised	32×1.2	AL1200.JCA.JBT			
	38×1.5		AL1200.JDA.JCT		
	42×1.5		AL1200.JFA.JCT		
	50×1.5		AL1200.JHA.JCT	AL1200.JHA.JGT	
	50×2.0		AL1200.JIA.JCT	AL1200.JIA.JGT	
	60×2.0		AL1200.JLA.JCT	AL1200.JLA.JGT	
Stainless steel	76×3.0				AL1200.JPA.JFT
	32×1.2	AL1200.NCJ.NBT			
	38×1.5		AL1200.NDJ.NCT		
	50×1.5		AL1200.NHJ.NCT	AL1200.NHJ.NGT	
	60×2.0		AL1200.NLJ.NCT	AL1200.NLJ.NGT	
	76×3.0				AL1200.NPA.NFT
Aluminium alloy	38×1.5		AL1200.ADJ.JCT		
	50×1.5		AL1200.AHJ.JCT	AL1200.AHJ.JGT	
	60×2.0		AL1200.ALJ.JCT	AL1200.ALJ.JGT	
PVC	38×1.5		AL1200.PDJ.JCT		
	50×1.5		AL1200.PHJ.JCT	AL1200.PHJ.JGT	



AL1200

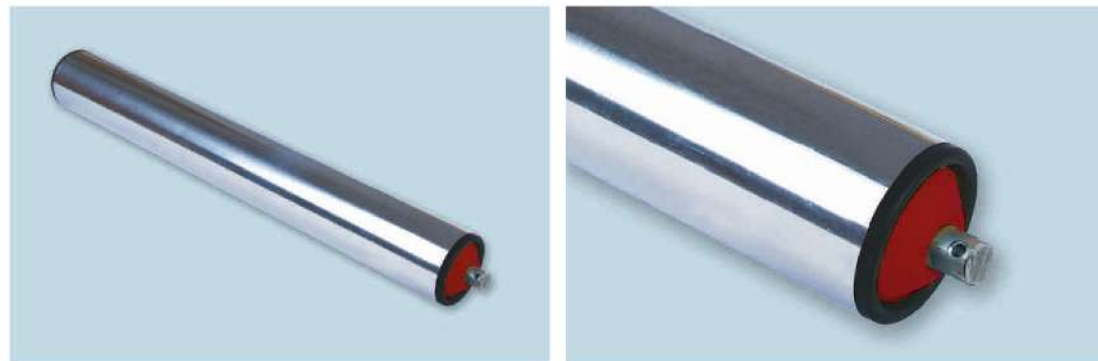
Unpowered light and medium roller

Internal thread type



Cylinder outer dia D	Shaft core dia d	Size
32	10	E=W+11 L=W+31
38,42,50,60	12	E=W+9 L=W+29
76	20	E=W+10 L=W+30

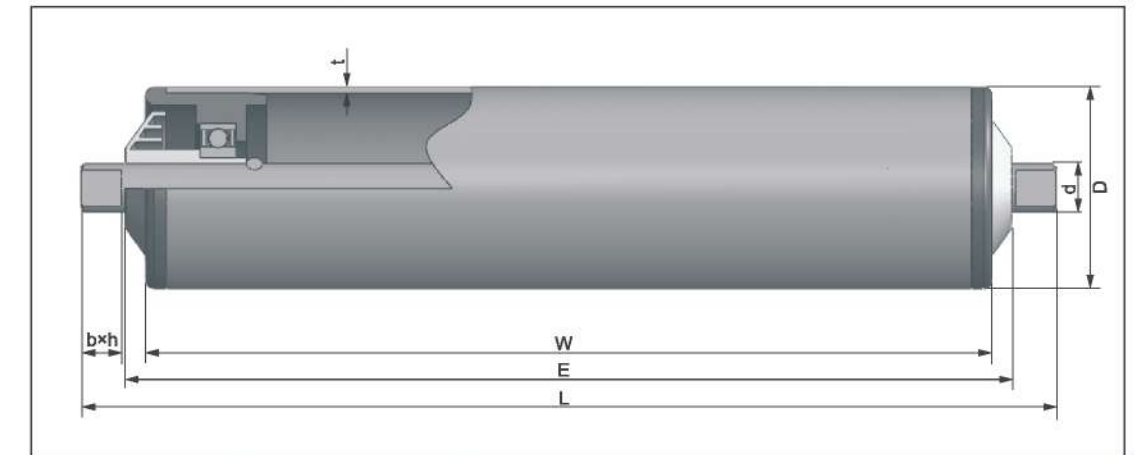
Outer tube material	Pipe dia & wall thk		Shaft core diameter		
	D×t	Ø10	Ø12	Ø20	
Steel galvanised	32×1.2	AL1200.JCA.JBK			
	38×1.5		AL1200.JDA.JCK		
	42×1.5		AL1200.JFA.JCK		
	50×1.5		AL1200.JHA.JCK		
	50×2.0		AL1200.JIA.JCK		
	60×2.0		AL1200.JLA.JCK		
Stainless steel	76×3.0				AL1200.JPA.JFK
	32×1.2	AL1200.NCJ.NBK			
	38×1.5		AL1200.NDJ.NCK		
	50×1.5		AL1200.NHJ.NCK		
	60×2.0		AL1200.NLJ.NCK		
	76×3.0				AL1200.NPA.NFK
Aluminium alloy	38×1.5		AL1200.ADJ.JCK		
	50×1.5		AL1200.AHJ.JCK		
	60×2.0		AL1200.ALJ.JCK		
PVC	38×1.5		AL1200.PDJ.JCK		
	50×1.5		AL1200.PHJ.JCK		



AL1200

Unpowered light and medium roller

Internal thread type



Cyl outer dia D	Shaft core dia d	Size
32	10	E=W+11 L=W+33
38,42,50,60	12	E=W+9 L=W+31
76	20	E=W+10 L=W+32

Outer tube material	Pipe dia & wall thk		Shaft core diameter		
	D×t	Ø10/b×h 8×10	Ø12/b×h 8×10	Ø20/b×h 16×10	
Steel galvanised	32×1.2	AL1200.JCA.JBB			
	38×1.5		AL1200.JDA.JCB		
	42×1.5		AL1200.JFA.JCB		
	50×1.5		AL1200.JHA.JCB		
	50×2.0		AL1200.JIA.JCB		
	60×2.0		AL1200.JLA.JCB		
Stainless steel	76×3.0				AL1200.JPA.JFB
	32×1.2	AL1200.NCJ.NBB			
	38×1.5		AL1200.NDJ.NCB		
	50×1.5		AL1200.NHJ.NCB		
	60×2.0		AL1200.NLJ.NCB		
	76×3.0				AL1200.NPA.NFB
Aluminium alloy	38×1.5		AL1200.ADJ.JCB		
	50×1.5		AL1200.AHJ.JCB		
	60×2.0		AL1200.ALJ.JCB		
PVC	38×1.5		AL1200.PDJ.JCB		
	50×1.5		AL1200.PHJ.JCB		





AL1300

Unpowered Medium load conveyor rollers

Type Unpowered roller conveyor

Usage Cartons, pallets, standard turnover boxes

Applications Indoor transportation (not applicable to belt conveyor rollers and redirecting rollers)

Drum characteristics Flexible rotation and low manufacturing cost

Bearing components galvanised steel stamped bearing seat
Special Bearing

Tube Straight seam electric welded steel pipe GB/T13793
Outer diameter 25,38,42,50,60mm

Stainless steel welded steel pipe GB/T12770 Outer diameter 25,38,50,60mm

Aluminium alloy extruded round pipe GB/T4436 Outer diameter 25,38,50,60mm

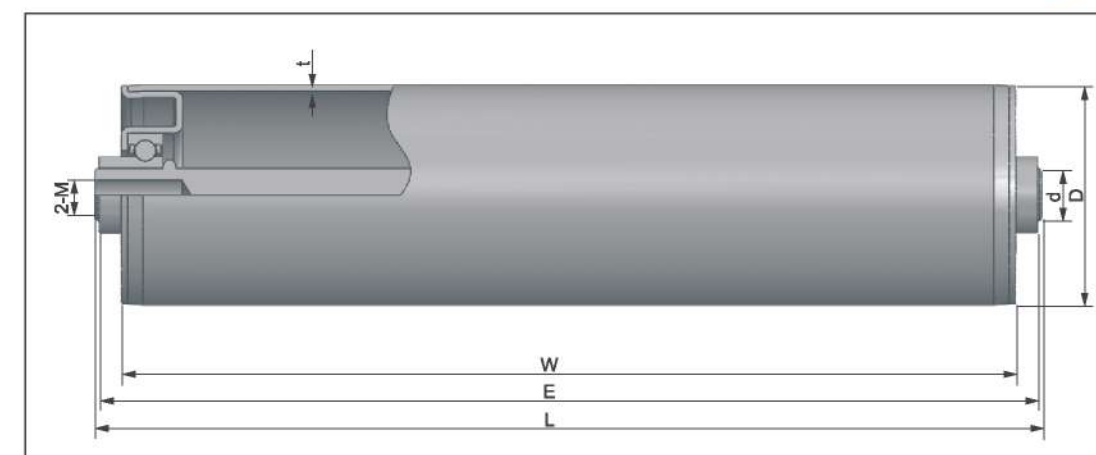
Axis Shaft cold shock steel GB/T905

Internal thread type Diameter 8,12mm
Spring pressed type Diameter 8,12mm
Through shaft pin hole type Diameter 8,12mm
Full flat tenon type Diameter 8,12mm

AL1300

Unpowered Medium load conveyor rollers

Internal thread type

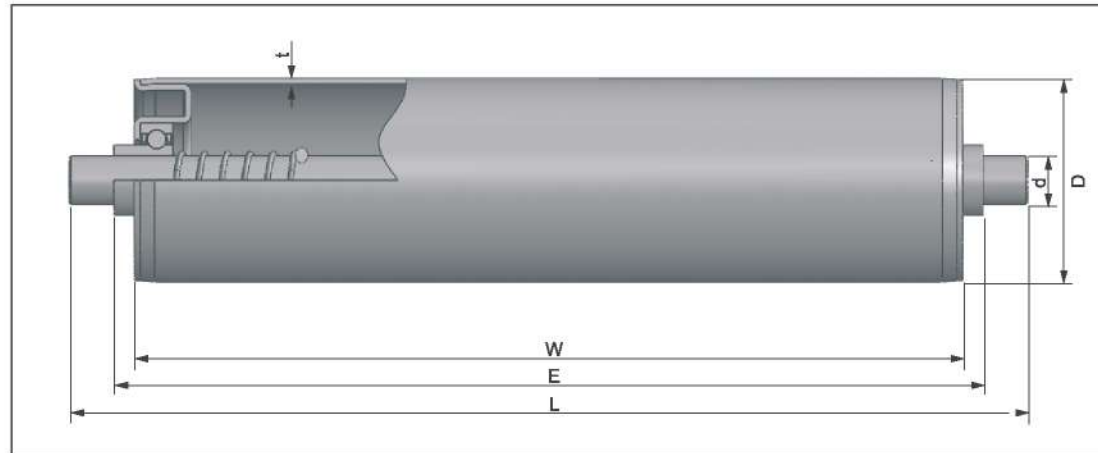


Cylinder outer dia D	Shaft core dia d	Size
38,42,50,57,60,63	12	E=W+10 L=W+11
50,60,63,76	15	E=W+10 L=W+11
60,76,89	20	E=W+10 L=W+11

Outer tube material	Pipe dia & wall thk	Shaft core diameter		
	D×t	Ø12/M8*15	Ø15/M10*20	Ø20/M12*25
Steel galvanised	38× 1.5	AL1300.JDA.JCN		
	42× 1.5	AL1300.JFA.JCN		
	50× 1.5	AL1300.JHA.JCN	AL1300.JHA.JDN	
	50× 2.0	AL1300.JIA.JCN	AL1300.JIA.JDN	
	57× 1.5	AL1300.JJA.JCN		
	60× 1.5	AL1300.JKA.JCN		
	60× 2.0	AL1300.JLA.JCN	AL1300.JLA.JDN	
	60× 2.5		AL1300.JMA.JDN	AL1300.JMA.JFN
	60× 3.0		AL1300.JNA.JDN	AL1300.JNA.JFN
	63× 2.0	AL1300.JOA.JCN	AL1300.JOA.JDN	
Stainless steel	76× 3.0			AL1300.JPA.JFN
	89× 3.0			AL1300.JRA.JFN
	89× 3.75			AL1300.JSA.JFN
	38× 1.5	AL1300.NDJ.NCN		
	50× 1.5	AL1300.NHJ.NCN	AL1300.NHJ.NDN	
	60× 1.5	AL1300.NKJ.NCN	AL1300.NKJ.NDN	
	60× 2.0	AL1300.NLJ.NCN	AL1300.NLJ.NDN	
	76× 3.0			AL1300.NPJ.NFN
	89× 3.0			AL1300.NRJ.NFN
	38× 1.5	AL1300.ADJ.JCN		
Aluminium alloy	50× 1.5	AL1300.AHJ.JCN	AL1300.AHJ.JDN	
	60× 2.0	AL1300.ALJ.JCN	AL1300.ALJ.JDN	

AL1300

Unpowered Medium load conveyor rollers Internal thread type

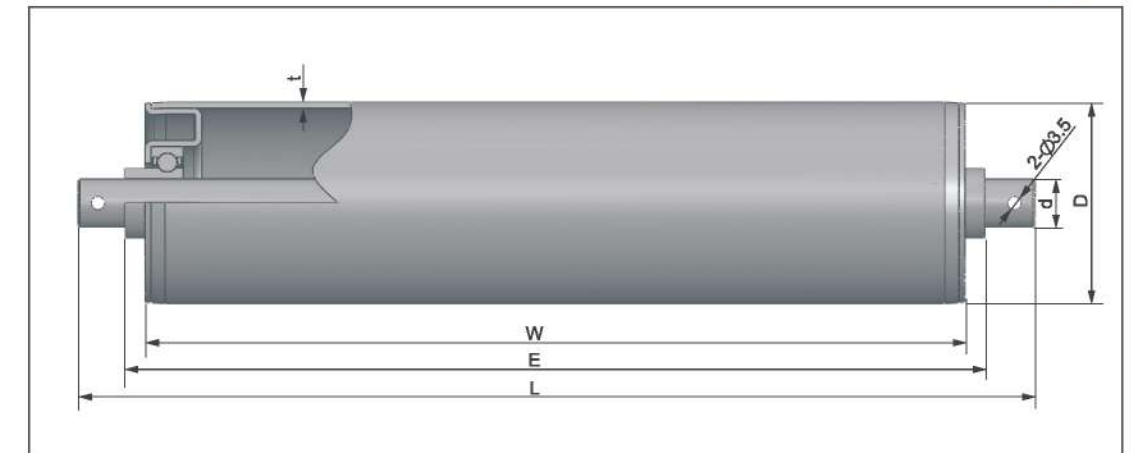


Cylinder outer dia D	Shaft core dia d	Size
38,42,50,57,60,63	12	E=W+10 L=W+30
50,60,63,76	15	E=W+10 L=W+30
60,76,89	20	E=W+10 L=W+30
50,60	11hex	E=W+10 L=W+30

Outer tube material	Pipe dia & wall thk		Shaft core diameter			
	D×t	Ø12	Ø15	Ø20	11hex	
Steel galvanised	38× 1.5	AL1300.JDA.JCT				
	42× 1.5	AL1300.JFA.JCT				
	50× 1.5	AL1300.JHA.JCT	AL1300.JHA.JDT			AL1300.JHA.JGT
	50× 2.0	AL1300.JIA.JCT	AL1300.JIA.JDT			
	57× 1.5	AL1300.JJA.JCT				
	60× 1.5	AL1300.JKA.JCT				AL1300.JKA.JGT
	60× 2.0	AL1300.JLA.JCT	AL1300.JLA.JDT	AL1300.JLA.JFT		AL1300.JLA.JGT
	60× 2.5		AL1300.JMA.JDT	AL1300.JMA.JFT		
	60× 3.0		AL1300.JNA.JDT	AL1300.JNA.JFT		
	63× 2.0	AL1300.JOA.JCT	AL1300.JOA.JDT			
Stainless steel	76× 3.0			AL1300.JPA.JFT		
	89× 3.0			AL1300.JRA.JFT		
	89× 3.75			AL1300.JSA.JFT		
	38× 1.5	AL1300.NDJ.NCT				
	50× 1.5	AL1300.NHJ.NCT	AL1300.NHJ.NDT			AL1300.NHJ.NGT
	60× 1.5	AL1300.NKJ.NCT	AL1300.NKJ.NDT			AL1300.NKJ.NGT
	60× 2.0	AL1300.NLJ.NCT	AL1300.NLJ.NDT			AL1300.NLJ.NGT
	76× 3.0			AL1300.NPJ.NFT		
	89× 3.0			AL1300.NRA.NFT		
	38× 1.5	AL1300.ADJ.JCT				
Aluminium alloy	50× 1.5	AL1300.AHJ.JCT	AL1300.AHJ.JDT			AL1300.AHJ.JGT
	60× 2.0	AL1300.ALJ.JCT	AL1300.ALJ.JDT			AL1300.ALJ.JGT

AL1300

Unpowered Medium load conveyor rollers Internal thread type

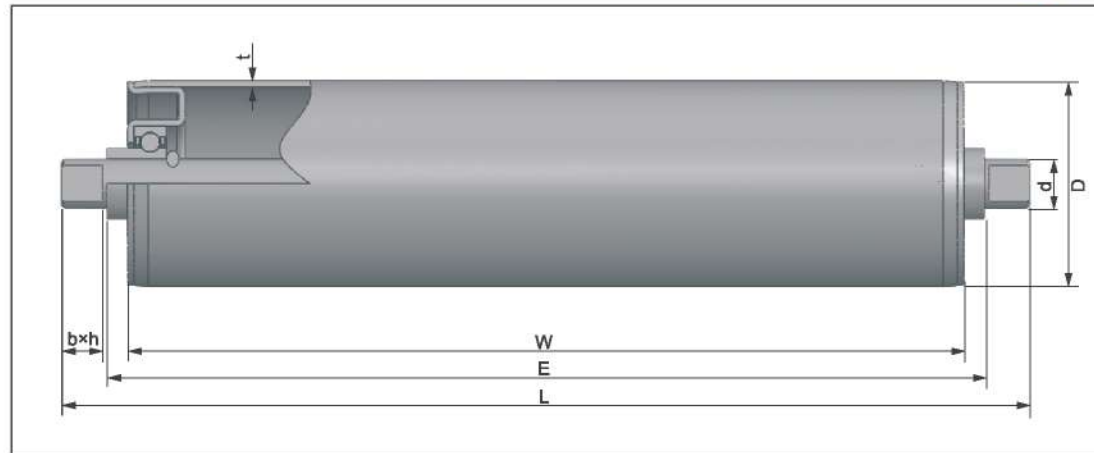


Cylinder outer dia D	Shaft core dia d	Size
38,42,50,57,60,63	12	E=W+10 L=W+30
50,60,63,76	15	E=W+10 L=W+30
60,76,89	20	E=W+10 L=W+30

Outer tube material	Pipe dia & wall thk	Shaft core diameter		
		Ø12	Ø15	Ø20
Steel galvanised	38× 1.5	AL1300.JDA.JCK		
	42× 1.5	AL1300.JFA.JCK		
	50× 1.5	AL1300.JHA.JCK	AL1300.JHA.JDK	
	50× 2.0	AL1300.JIA.JCK	AL1300.JIA.JDK	
	57× 1.5	AL1300.JJA.JCK		
	60× 1.5	AL1300.JKA.JCK		
	60× 2.0	AL1300.JLA.JCK	AL1300.JLA.JDK	AL1300.JLA.JFK
	60× 2.5		AL1300.JMA.JDK	AL1300.JMA.JFK
	60× 3.0		AL1300.JNA.JDK	AL1300.JNA.JFK
	63× 2.0	AL1300.JOA.JCK	AL1300.JOA.JDK	
Stainless steel	76× 3.0			AL1300.JPA.JFK
	89× 3.0			AL1300.JRA.JFK
	89× 3.75			AL1300.JSA.JFK
	38× 1.5	AL1300.NDJ.NCK		
	50× 1.5	AL1300.NHJ.NCK	AL1300.NHJ.NDK	
	60× 1.5	AL1300.NKJ.NCK	AL1300.NKJ.NDK	
	60× 2.0	AL1300.NLJ.NCK	AL1300.NLJ.NDK	
	76× 3.0			AL1300.NPJ.NFK
	89× 3.0			AL1300.NRA.NFK
	38× 1.5	AL1300.ADJ.JCK		
Aluminium alloy	50× 1.5	AL1300.AHJ.JCK	AL1300.AHJ.JDK	
	60× 2.0	AL1300.ALJ.JCK	AL1300.ALJ.JDK	

AL1300

Unpowered Medium load conveyor rollers Internal thread type



Cylinder outer dia D	Shaft core dia d	Size
38,42,50,57,60,63	12	E=W+10 L=W+32
50,60,63,76	15	E=W+10 L=W+32
60,76,89	20	E=W+10 L=W+32

	Pipe dia & wall thk	Shaft core diameter		
Outer tube material	D×t	Ø12/b×h 8×10	Ø15/b×h 10×10	Ø20/b×h 16×10
Steel galvanised	38×1.5	AL1300.JDA.JCB		
	42×1.5	AL1300.JFA.JCB		
	50×1.5	AL1300.JHA.JCB	AL1300.JHA.JDB	
	50×2.0	AL1300.JIA.JCB	AL1300.JIA.JDB	
	57×1.5	AL1300.JJA.JCB		
	60×1.5	AL1300.JKA.JCB		
	60×2.0	AL1300.JLA.JCB	AL1300.JLA.JDB	AL1300.JLA.JFB
	60×2.5		AL1300.JMA.JDB	AL1300.JMA.JFB
	60×3.0		AL1300.JNA.JDB	AL1300.JNA.JFB
	63×2.0	AL1300.JOA.JCB	AL1300.JOA.JDB	
Stainless steel	76×3.0			AL1300.JPA.JFB
	89×3.0			AL1300.JRA.JFB
	89×3.75			AL1300.JSA.JFB
	38×1.5	AL1300.NDJ.NCB		
	50×1.5	AL1300.NHJ.NCB	AL1300.NHJ.NDB	
	60×1.5	AL1300.NKJ.NCB	AL1300.NKJ.NDB	
	60×2.0	AL1300.NLJ.NCB	AL1300.NLJ.NDB	
Aluminium alloy	76×3.0			AL1300.NPJ.NFB
	89×3.0			AL1300.NRA.NFB
	38×1.5	AL1300.ADJ.JCB		
	50×1.5	AL1300.AHJ.JCB	AL1300.AHJ.JDB	
	60×2.0	AL1300.ALJ.JCB	AL1300.ALJ.JDB	



AL1400

Unpowered conical roller

Type Unpowered bending machine

Usage Cartons, plastic pallets, standard turnover boxes, ect.

Applications Indoor transportation

Roller characteristics The general roller taper is 3.6°, with flange welded bearing seats at both ends and double-sided sealed precision bearings, so objects can be transported smoothly in arc sections.

Bearing components Bearing jacket polypropylene
Bearing inner sleeve nylon 66
Double-sided sealed precision bearing GB/T276

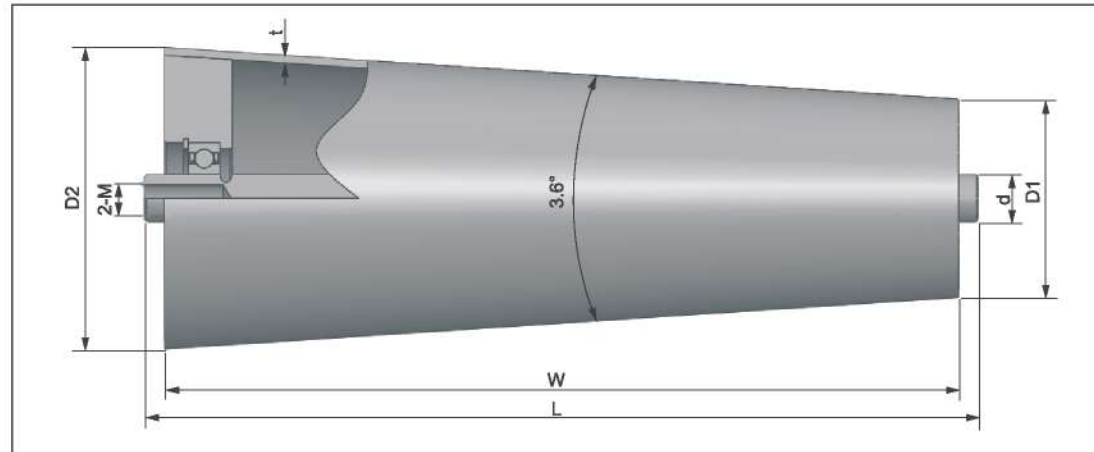
Tube 2mm thick steel or stainless steel plate

Axis Cold drawn round steel GB/T905
Internal thread type Diameter 12.15mm

AL1400

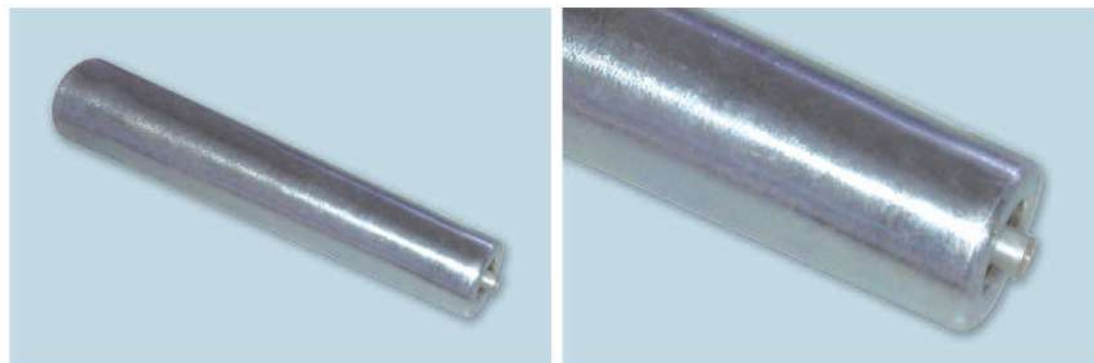
Unpowered conical roller

Internal thread type



Small end dia D1	Shaft core dia d	Size
50	12	L=W+11
50	15	L=W+11

	Simplified length	Large end dia	Shaft core diameter	
Outer tube material	W	D2	Ø12	Ø15
Steel galvanised	300	68.9	AL 1400.JaA.JCN	AL 1400.JaA.JDN
	400	75.1	AL 1400.JbA.JCN	AL 1400.JbA.JDN
	500	81.4	AL 1400.JcA.JCN	AL 1400.JcA.JDN
	600	87.7	AL 1400.JdA.JCN	AL 1400.JdA.JDN
	700	94	AL 1400.JeA.JCN	AL 1400.JeA.JDN
	800	100.3	AL 1400.JfA.JCN	AL 1400.JfA.JDN
	900	106.6	AL 1400.JgA.JCN	AL 1400.JgA.JDN
Stainless steel	1000	112.9	AL 1400.JhA.JCN	AL 1400.JhA.JDN
	300	68.9	AL 1400.NaJ.NCN	AL 1400.NaJ.NDN
	400	75.1	AL 1400.NbJ.NCN	AL 1400.NbJ.NDN
	500	81.4	AL 1400.NcJ.NCN	AL 1400.NcJ.NDN
	600	87.7	AL 1400.NdJ.NCN	AL 1400.NdJ.NDN
	700	94	AL 1400.NeJ.NCN	AL 1400.NeJ.NDN
	800	100.3	AL 1400.NfJ.NCN	AL 1400.NfJ.NDN
	900	106.6	AL 1400.NgJ.NCN	AL 1400.NgJ.NDN
	1000	112.9	AL 1400.NhJ.NCN	AL 1400.NhJ.NDN



AL1500

Unpowered tapered sleeve roller

Type Unpowered bending machine

Usage Cartons, plastic pallets, standard turnover boxes, ect.

Applications Indoor transportation

Roller characteristics 50mm straight seam steel pipe coated with tapered engineering plastic sleeve. The taper of the sleeve is 3.6°. Both ends are made of nylon plastic steel bearing seat components, ensuring smooth operation and low noise

Bearing components Machined bearing seats
Double-sided sealed precision bearing GB/T276

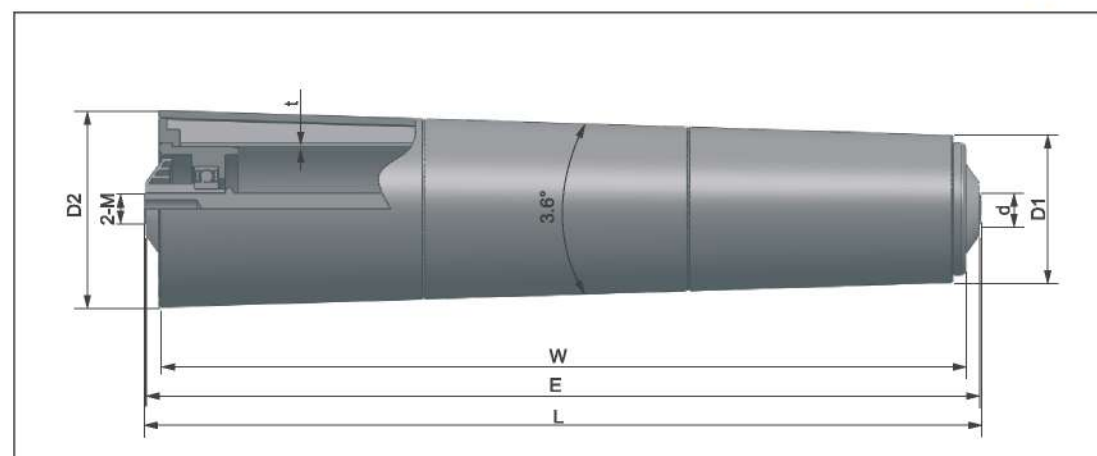
Tube Ø50mm straight seam electric welded steel pipe GB/T13793
Engineering plastic drogue sleeve

Axis Cold drawn round steel GB/T905
Internal thread type diameter 12mm

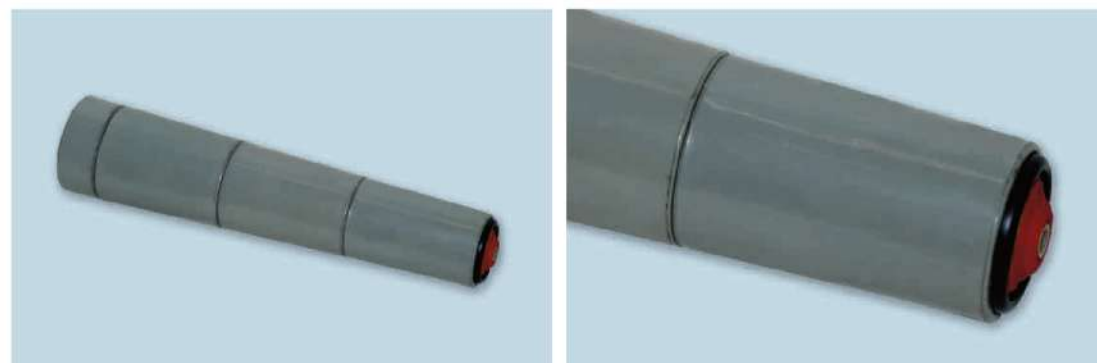
AL1500

Unpowered tapered sleeve roller

Internal thread type



Small end dia D1	Shaft core dia d	Size	
55.6	12	E=W+9 L=W+10	
	Simplified length	Large end dia	Shaft core diameter
Outer tube material	W	D2	Ø12
Steel galvanised	305	74.5	AL1500.JaA.JCN
Jacket engineering plastic	405	80.8	AL1500.JbA.JCN
	505	87.1	AL1500.JcA.JCN
	605	93.4	AL1500.JdA.JCN
	705	99.6	AL1500.JeA.JCN
	805	105.9	AL1500.JfA.JCN



AL2213

Plastic steel single sprocket drive roller

Type Single chain drive roller conveyor

Usage Cartons, plastic pallets, standard turnover boxes

Applications Indoor transportation

Drum characteristics One end uses nylon plastic bearing seat assembly the other uses plastic steel sprocket sleeve and plastic steel sprocket. Light weight, runs smoothly, low noise.

Bearing components Bearing jacket polypropylene (PP)
Bearing inner sleeve nylon 66
Double-sided sealed precision bearings GB/T276

Tube Straight seam electric welded steel pipe GB/T13793
Outer diameter 50,60mm

Stainless steel welded steel pipe GB/T12770
Outer diameter 50,60mm

Aluminium alloy extruded round pipe GB/T4436
Outer diameter 50,60mm

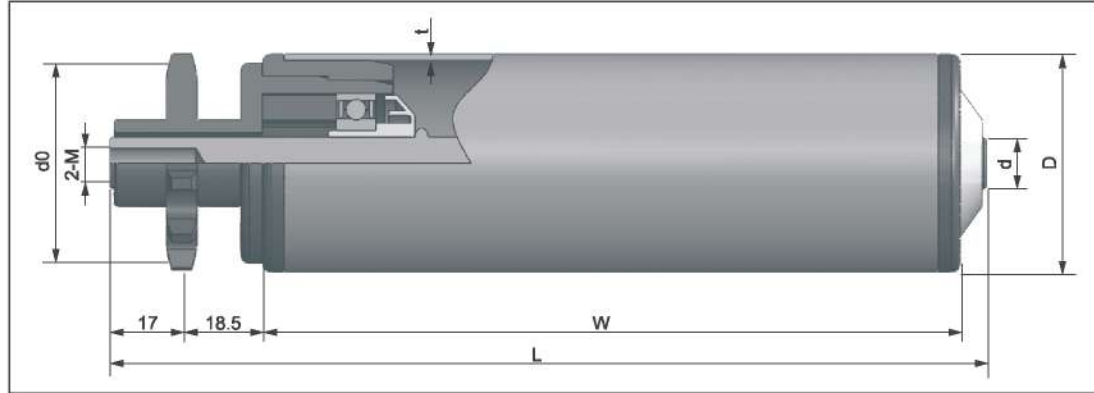
Axis Cold drawn round steel GB/T905
Internal thread type Diameter 12mm

Transmission components Plastic steel sprocket (tooth shape GB/T1234)
equipped with 08B spindle

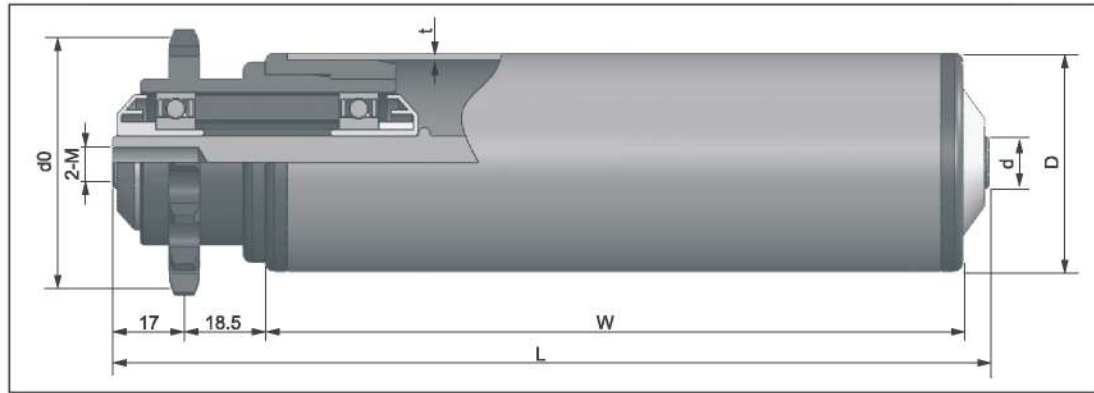
AL2213

Plastic steel single sprocket drive roller

Internal thread type



08B14Z



Simplified outer dia D	Shaft core dia d	Size	Chain pitch	Number	Equipped w/ chain	Section circle dia d0
50,60	12	L=W+41	12.7	11	08B	45.08
50,60	12	L=W+41	12.7	14	08B	57.07

	Pipe dia & wall thk	Shaft core diameter
Outer tube material	D×t	Ø12/M8×15
Steel galvanised	50×1.5	AL2213.JHA.JCN
	60×2.0	AL2213.JLA.JCN
Stainless steel	50×1.5	AL2213.NHJ.NCN
	60×2.0	AL2213.NLJ.NCN
Combination gold	50×1.5	AL2213.AHJ.JCN
	60×2.0	AL2213.ALJ.JCN



AL2223

Plastic steel double sprocket drive roller

Type Double chain drive roller conveyor

Usage Cartons, plastic pallets, standard turnover boxes

Applications Indoor transportation

Drum characteristics One end uses nylon plastic bearing seat assembly the other uses plastic steel sprocket sleeve and plastic steel sprocket. Light weight, runs smoothly, low noise.

Bearing components Bearing jacket polypropylene (PP)
Bearing inner sleeve nylon 66
Double-sided sealed precision bearings GB/T276

Tube Straight seam electric welded steel pipe GB/T13793
Outer diameter 50,60mm

Stainless steel welded steel pipe GB/T12770
Outer diameter 50,60mm

Aluminium alloy extruded round pipe GB/T4436
Outer diameter 50,60mm

Axis Cold drawn round steel GB/T905
Internal thread type Diameter 12mm

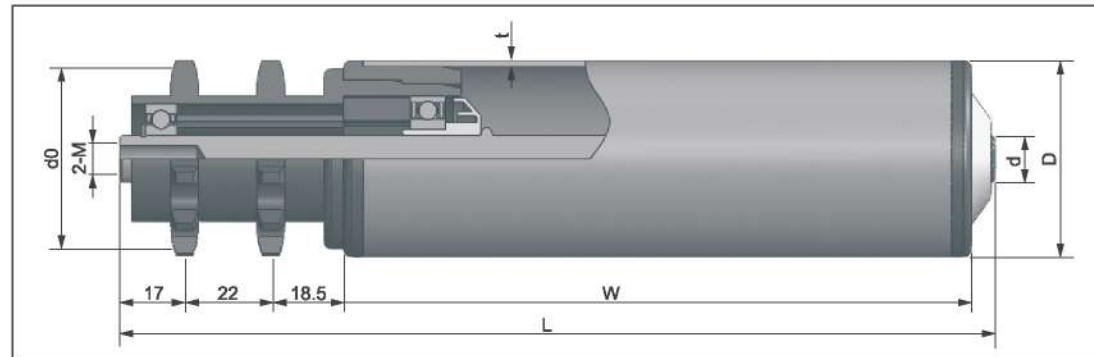
Transmission components Plastic steel sprocket (tooth shape GB/T1234)
equipped with 08B spindle

AL2223

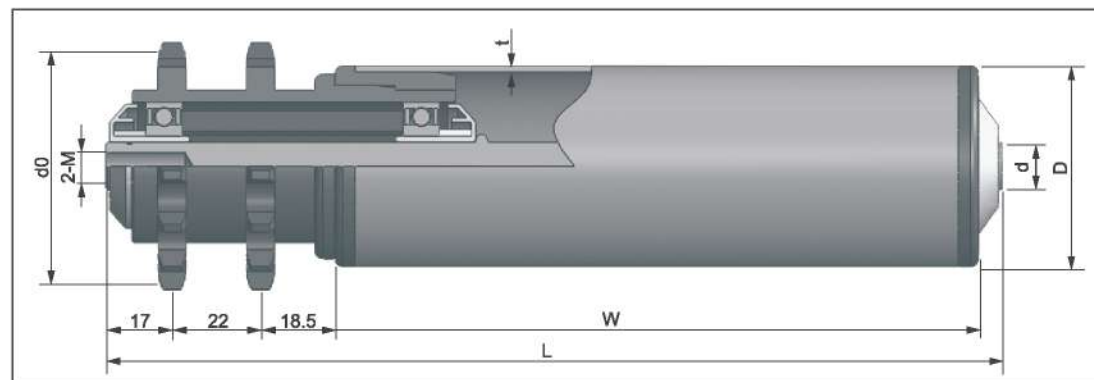
Plastic steel double sprocket drive roller

08B11Z

Internal thread type



08B14Z



Simplified outer dia D	Shaft core dia d	Size	Chain pitch	Number	Equipped w/ chain	Section circle dia d0
50,60	12	L=W+63	12.7	11	08B	45.08
50,60	12	L=W+63	12.7	14	08B	57.07

	Pipe dia & wall thk	Shaft core diameter
Outer tube material	D×t	Ø12/M8×15
Steel galvanised	50×1.5	AL2223.JHA.JCN
	60×2.0	AL2223.JLA.JCN
Stainless steel	50×1.5	AL2223.NHJ.NCN
	60×2.0	AL2223.NLJ.NCN
Combination gold	50×1.5	AL2223.AHJ.JCN
	60×2.0	AL2223.ALJ.JCN



AL2311/ AL2321

Single sprocket drive roller

Type Single and double chain drive roller conveyor

Usage Cartons, plastic pallets, standard turnover boxes

Applications Indoor transportation

Drum characteristics One end uses a steel sprocket with a simplified welded or pin-hole connection type, the other end uses a steel galvanised stamped bearing cap. It has a heavy load, stable operation, and a wide range of adaptability

Bearing components Steel galvanised stamped bearing seat
Precision non-standard bearing

Tube Straight seam electric welded steel pipe GB/T13793
Outer diameter 38,50,57,60,76,89mm

Stainless steel welded steel pipe GB/T12770
Outer diameter 38,50,60,76,89mm

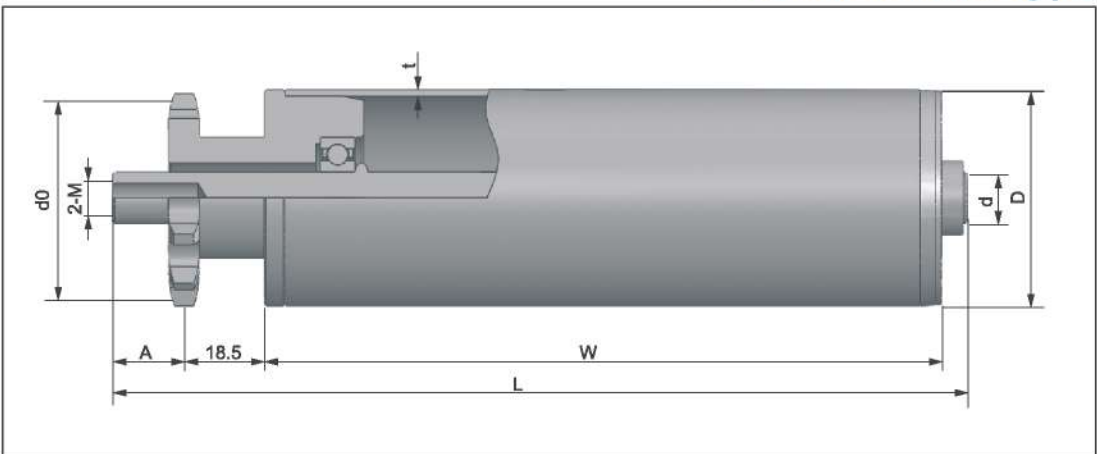
Axis Cold drawn round steel GB/T905
Internal thread type Diameter 12,15,20mm

Transmission components Steel sprocket 45# (tooth shape GB/T1234)
Equipped with 08B/10A chain

AL2311

Single sprocket drive roller

Internal thread type



Simplified outer dia D	Shaft core dia d	Size	A	Chain pitch	Number	Equipped w/ chain	Section circle dia d0
38	12	L=W+41	17	12.7	9	08B	37.13
38,50	12	L=W+41	17	12.7	11	08B	45.08
38,57,60	12	L=W+41	17	12.7	14	08B	57.07
60	15	L=W+41	17	12.7	14	08B	57.07
76,89	20	L=W+44	20	15.875	13	10A	66.34

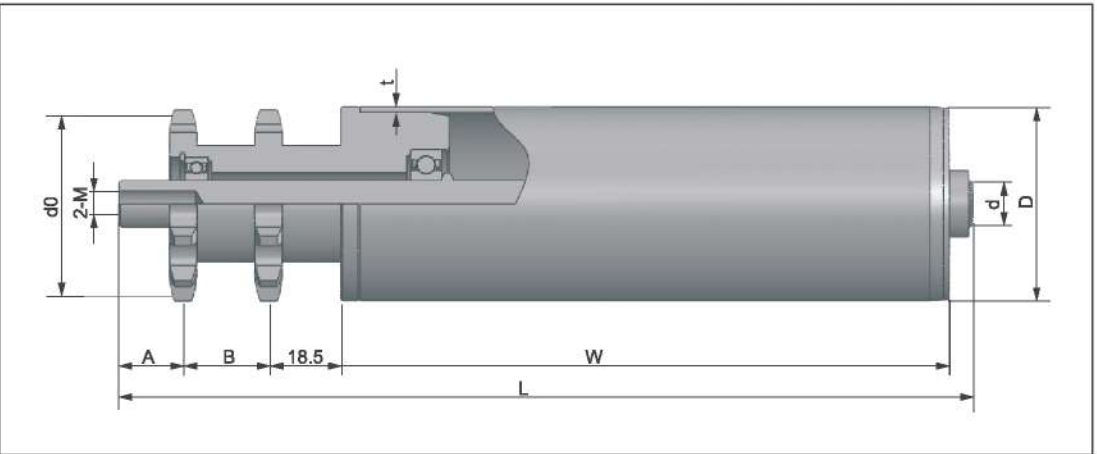
Pipe dia & wall thk		Shaft core diameter		
Outer tube material	D×t	Ø12/M8×15	Ø15/M10×20	Ø20/M12×25
Steel galvanised	38× 1.5	AL2311.JDA.JCN		
	50× 1.5	AL2311.JHA.JCN		
	50× 2.0	AL2311.JIA.JCN	AL2311.JIA.JDN	
	57× 1.5	AL2311.JJA.JCN		
	60× 2.0	AL2311.JLA.JCN	AL2311.JLA.JDN	
	60× 3.0		AL2311.JNA.JDN	
	76× 3.0			AL2311.JPA.JFN
	89× 3.0			AL2311.JRA.JFN
Stainless steel	38× 1.5	AL2311.NDJ.NCN		
	50× 1.5	AL2311.NHJ.NCN		
	60× 2.0	AL2311.NLJ.NCN	AL2311.NLJ.NDN	
	76× 3.0			AL2311.NPJ.NFN
	89× 3.0			AL2311.NRJ.NFN



AL2321

Single sprocket drive roller

Internal thread type



Simplified outer dia D	Shaft core dia d	Size	A	B	Chain pitch	No. teeth	Equipped w/ chain	Section circle dia d0
38	12	L=W+63	17	22	12.7	9	08B	37.13
38,50	12	L=W+63	17	22	12.7	11	08B	45.08
50,57,60	12	L=W+63	17	22	12.7	14	08B	57.07
50,60	15	L=W+63	17	22	12.7	14	08B	57.07
76,89	20	L=W+69	20	25	15.875	13	10A	66.34

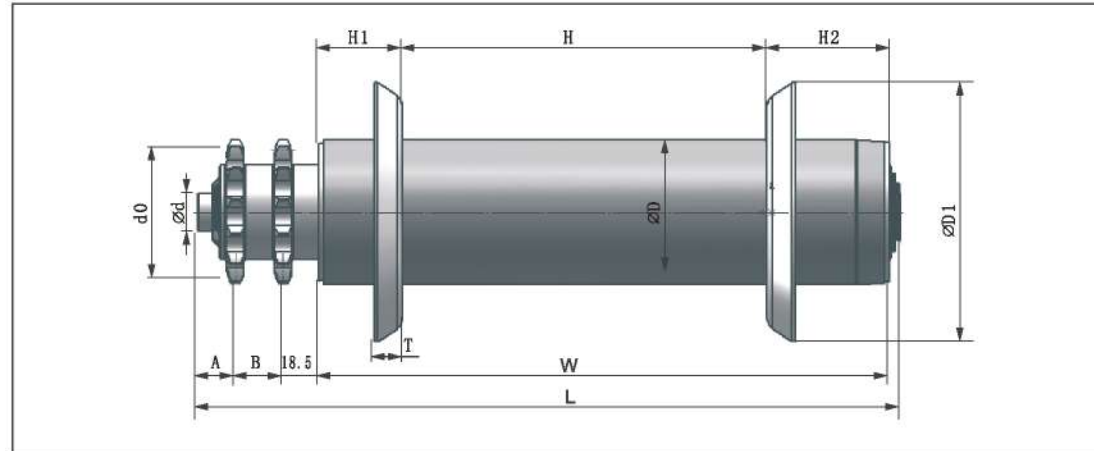
Pipe dia & wall thk		Shaft core diameter		
Outer tube material	D×t	Ø12/M8×15	Ø15/M10×20	Ø20/M12×25
Steel galvanised	38× 1.5	AL2321.JDA.JCN		
	50× 1.5	AL2321.JHA.JCN		
	50× 2.0	AL2321.JIA.JCN	AL2321.JIA.JDN	
	57× 1.5	AL2321.JJA.JCN		
	60× 2.0	AL2321.JLA.JCN	AL2321.JLA.JDN	
	60× 3.0		AL2321.JNA.JDN	
	76× 3.0			AL2321.JPA.JFN
	89× 3.0			AL2321.JRA.JFN
Stainless steel	38× 1.5	AL2321.NDA.NCN		
	50× 1.5	AL2321.NHA.NCN		
	60× 2.0	AL2321.NLA.NCN	AL2321.NLA.NDN	
	76× 3.0			AL2321.NPA.NFN
	89× 3.0			AL2321.NRA.NFN



AL2321

Single sprocket drive roller

Internal thread type



Simplified outer dia D	Shaft core dia d	Size	A	B	Chain pitch	No. teeth	Equipped w/ chain	Section circle dia d0	H
60	12	W+63	17	22	12.7	14	08B	57.07	W-H1-H2
60	15	W+63	17	22	12.7	14	08B	57.07	W-H1-H2
76,80,89	20	W+69	20	25	15.875	13	10A	66.34	W-H1-H2

Welding flange

Simplified outer dia D	Simplified Flange mate	Flange dia D1	Flange width T	Power side end distance H1	End distance (H2)
60	Steel galvanised	100	10	≥30	≥30
76	Steel galvanised	136	15	≥30	≥30
76	Stainless steel	136	12	≥30	≥30
80	Steel galvanised	150	17	≥30	≥30
89	Steel galvanised	150	20	≥30	≥30

Adjustable flange

Simplified outer dia D	Flange material	Flange dia D1	Flange width T	Remarks
76	Alloy	136	23	Tighten the flange with double screws



AL2411/ AL2421

Single sprocket cone drive roller

Type Single and double chain transmission bending machine

Usage Cartons, plastic pallets, standard turnover boxes

Applications Indoor transportation

Drum characteristics One end uses a steel sprocket welded to the cylinder, the other end uses a flange bearing seat. The general roller taper is 3.6°

Bearing components Steel galvanised stamped bearing seat
Precision non-standard bearing

Tube Straight seam electric welded steel pipe GB/T13793
Outer diameter 38,50,57,60,76,89mm

Stainless steel welded steel pipe GB/T12770
Outer diameter 38,50,60,76,89mm

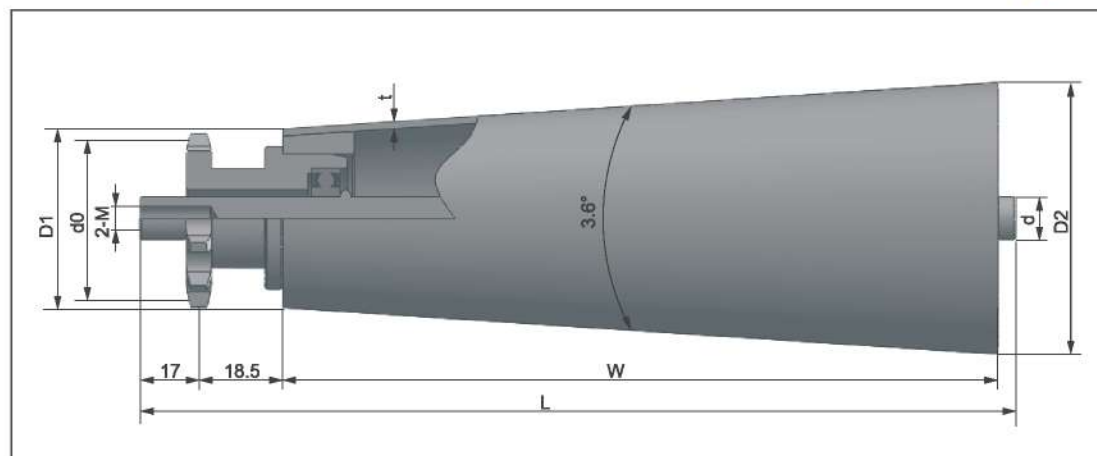
Axis Cold drawn round steel GB/T905
Internal thread type Diameter 12,15,20mm

Transmission components Steel sprocket 45# (tooth shape GB/T1234)
Equipped with 08B/10A chain

AL2411

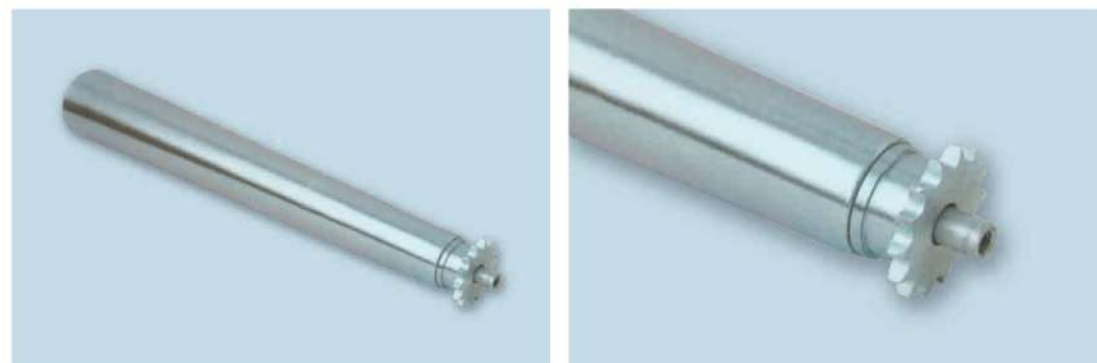
Single sprocket cone drive roller

Internal thread type



Small end dia D1	Shaft core dia d	Size	Chain pitch	No. teeth	Equipped w/ chain	Section circle dia
50	12,15	L=W+41	12.7	11	08B	45.08
50	12,15	L=W+41	12.7	14	08B	57.07

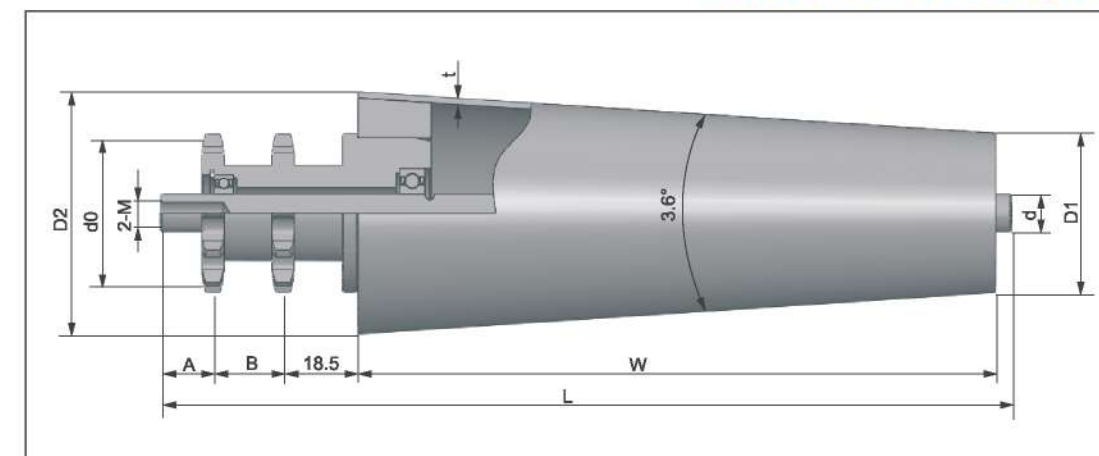
	Simplified length	Large end dia	Shaft core diameter	
Outer tube material	W	D2	Ø12	Ø15
Steel galvanised	300	68.9	AL2411.JaA.JCN	AL2411.JaA.JDN
	400	75.1	AL2411.JbA.JCN	AL2411.JbA.JDN
	500	81.4	AL2411.JcA.JCN	AL2411.JcA.JDN
	600	87.7	AL2411.JdA.JCN	AL2411.JdA.JDN
	700	94	AL2411.JeA.JCN	AL2411.JeA.JDN
	800	100.3	AL2411.JfA.JCN	AL2411.JfA.JDN
	900	106.6	AL2411.JgA.JCN	AL2411.JgA.JDN
Stainless steel	1000	112.9	AL2411.JhA.JCN	AL2411.JhA.JDN
	300	68.9	AL2411.NaJ.NCN	AL2411.NaJ.NDN
	400	75.1	AL2411.NbJ.NCN	AL2411.NbJ.NDN
	500	81.4	AL2411.NcJ.NCN	AL2411.NcJ.NDN
	600	87.7	AL2411.NdJ.NCN	AL2411.NdJ.NDN
	700	94	AL2411.NeJ.NCN	AL2411.NeJ.NDN
	800	100.3	AL2411.NfJ.NCN	AL2411.NfJ.NDN
	900	106.6	AL2411.NgJ.NCN	AL2411.NgJ.NDN
	1000	112.9	AL2411.NhJ.NCN	AL2411.NhJ.NDN



AL2421

Single sprocket cone drive roller

Internal thread type



Simplified outer dia D1	Shaft core dia d	Size	A	B	Chain pitch	No. teeth	Equipped w/ chain	Section circle dia d0
50	12,15	L=W+63	17	22	12.7	11	08B	45.08
50	12,15	L=W+63	17	22	12.7	14	08B	57.07
50	15	L=W+69	20	25	15.87	13	10A	66.34

	Simplified length	Large end dia	Shaft core diameter	
Outer tube material	W	D2	Ø12	Ø15
Steel galvanised	300	68.9	AL2421.JaA.JCN	AL2421.JaA.JDN
	400	75.1	AL2421.JbA.JCN	AL2421.JbA.JDN
	500	81.4	AL2421.JcA.JCN	AL2421.JcA.JDN
	600	87.7	AL2421.JdA.JCN	AL2421.JdA.JDN
	700	94	AL2421.JeA.JCN	AL2421.JeA.JDN
	800	100.3	AL2421.JfA.JCN	AL2421.JfA.JDN
	900	106.6	AL2421.JgA.JCN	AL2421.JgA.JDN
Stainless steel	1000	112.9	AL2421.JhA.JCN	AL2421.JhA.JDN
	300	68.9	AL2421.NaJ.NCN	AL2421.NaJ.NDN
	400	75.1	AL2421.NbJ.NCN	AL2421.NbJ.NDN
	500	81.4	AL2421.NcJ.NCN	AL2421.NcJ.NDN
	600	87.7	AL2421.NdJ.NCN	AL2421.NdJ.NDN
	700	94	AL2421.NeJ.NCN	AL2421.NeJ.NDN
	800	100.3	AL2421.NfJ.NCN	AL2421.NfJ.NDN
	900	106.6	AL2421.NgJ.NCN	AL2421.NgJ.NDN
	1000	112.9	AL2421.NhJ.NCN	AL2421.NhJ.NDN





AL2523

Plastic steel double chain tapered sleeve roller

Type Double chain drive bending machine

Usage Cartons, plastic pallets, standard turnover boxes, ect.

Applications Indoor transportation

Drum characteristics 50mm straight seam steel pipe coated with tapered engineering plastic sleeve. The taper of the sleeve is 3.6°. One end is made of nylon plastic, the other is made of plastic steel sprocket, low noise

Bearing components Bearing jacket polypropylene (PP)
Bearing inner sleeve nylon 66
Double-sided sealed precision bearings GB/T276

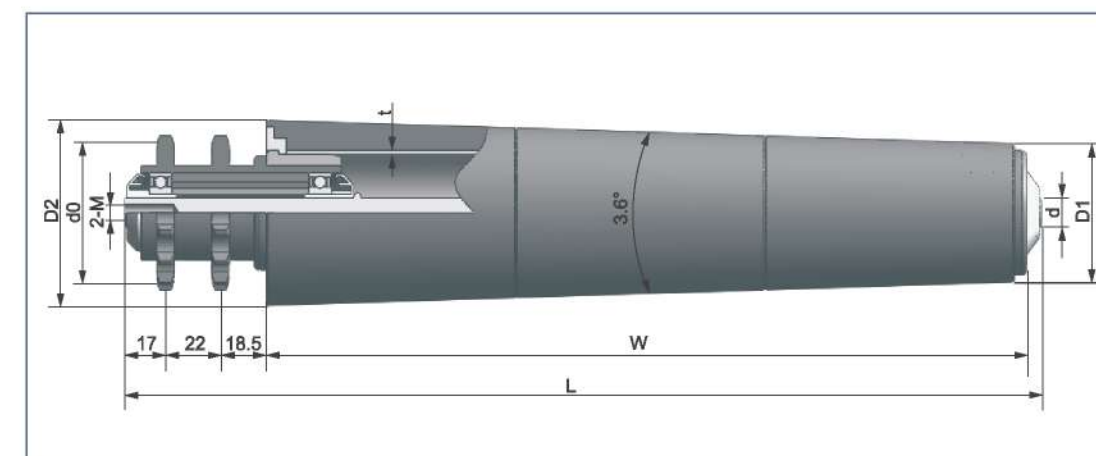
Tube Ø50mm straight seam electric welded steel pipe GB/T13793

Axis Cold drawn round steel GB/T905
Internal thread type diameter 12mm

AL2523

Plastic steel double chain tapered sleeve roller

Internal thread type

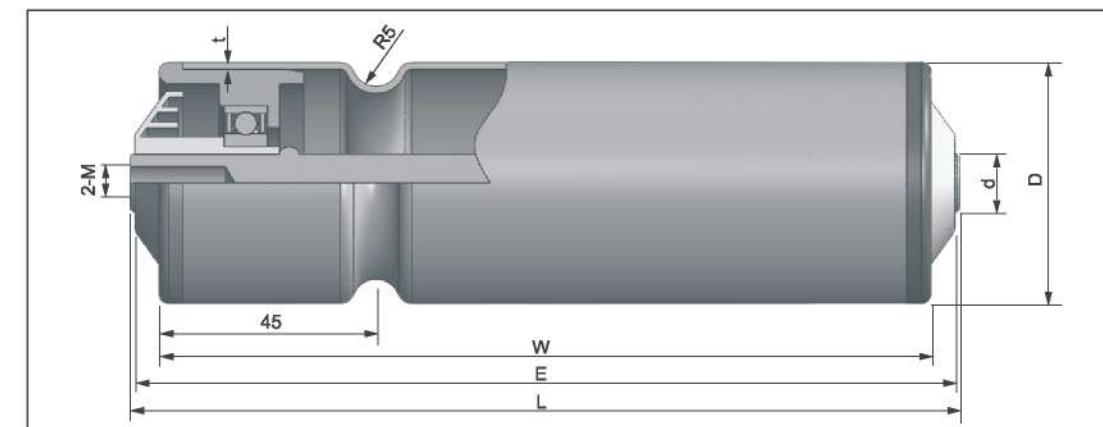


Simplified outer dia D	Shaft core dia d	Size	Chain pitch	No. teeth	Equipped w/ chain	Section circle dia d0
55.6	12	L=W+63	12.7	14	08B	57.07

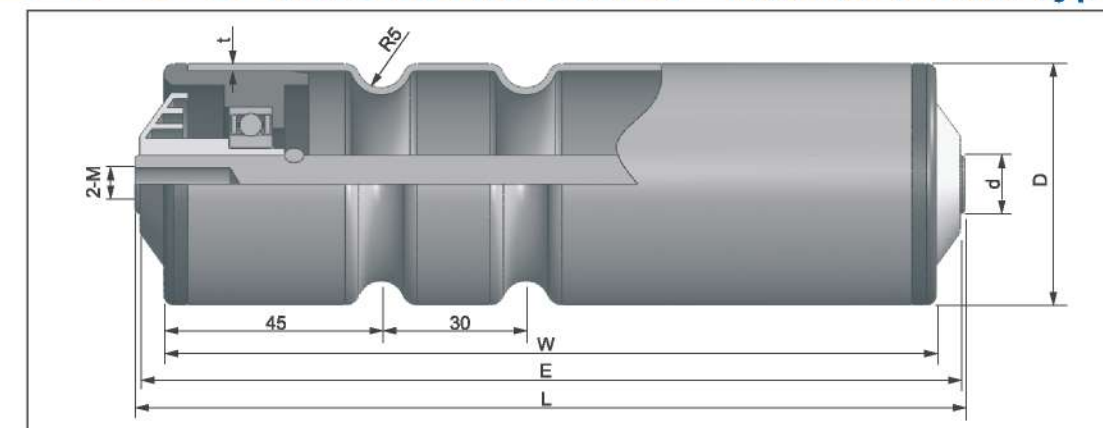
	Simplified length	Large end dia	Shaft core diameter
Outer tube material	W	D2	Ø12/M8×15
Steel galvanised	305	74.5	AL2523.JaA.JCN
Jacket engineering plastic maintenance sleeve	405	80.5	AL2523.JbA.JCN
	505	87.1	AL2523.JcA.JCN
	605	93.4	AL2523.JdA.JCN
	705	99.6	AL2523.JeA.JCN
	805	105.9	AL2523.JfA.JCN



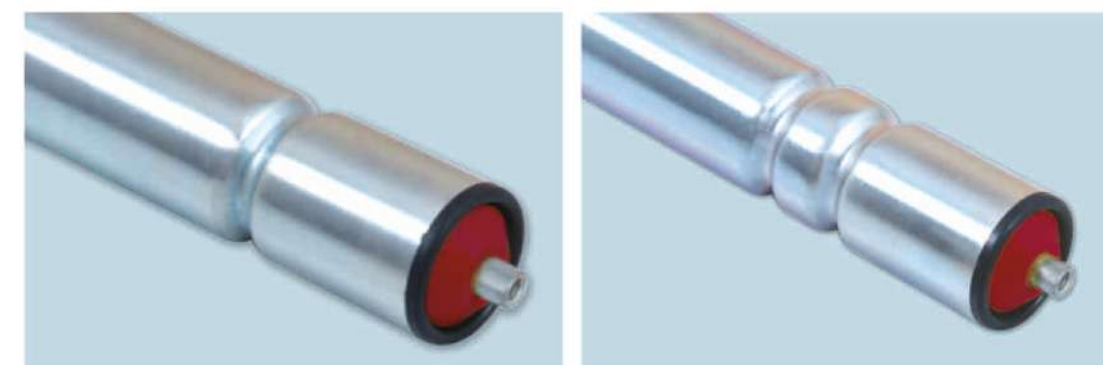
AL2230 o-belt drive roller Internal thread type



AL2240 o-belt drive roller Internal thread type



Simplified outer dia D	Shaft core dia d	Size	
38,50,60	12	E=W+9 L=W+10	
Pipe dia & wall thk		Shaft core diameter	
Outer tube material	D×t	Ø12/M8×10	
Steel galvanised	38×1.5	AL2230.JDA.JCN	AL2240.JDA.JCN
	50×1.5	AL2230.JHA.JCN	AL2240.JHA.JCN
	60×2.0	AL2230.JLA.JCN	AL2240.JLA.JCN
Stainless steel	38×1.5	AL2230.NDJ.NCN	AL2240.NDJ.NCN
	50×1.5	AL2230.NHJ.NCN	AL2240.NHJ.NCN
	60×2.0	AL2230.NLJ.NCN	AL2240.NLJ.NCN



AL2230/ AL2240 O-belt drive roller

Type Belt drive roller machine

Usage Cartons, plastic pallets, standard turnover boxes

Applications Indoor transportation

Drum characteristics Nylon plastic steel bearing seat components, profiled grooves on the surface of the cylinder and belt drive, transporting objects smoothly with low noise

Bearing components Bearing outer sleeve polypropylene (PP)
Bearing inner sleeve nylon 66
Double-sided sealed precision bearings GB/T276

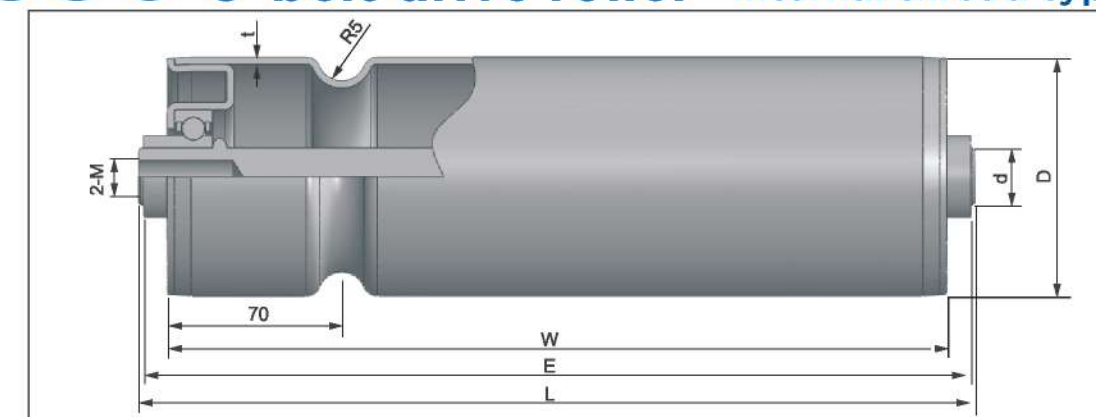
Tube Straight seam electric welded steel pipe GB/T13793
Outer diameter 38,50,60mm

Stainless steel welded steel pipe GB/T12770
Outer diameter 38,50,60mm

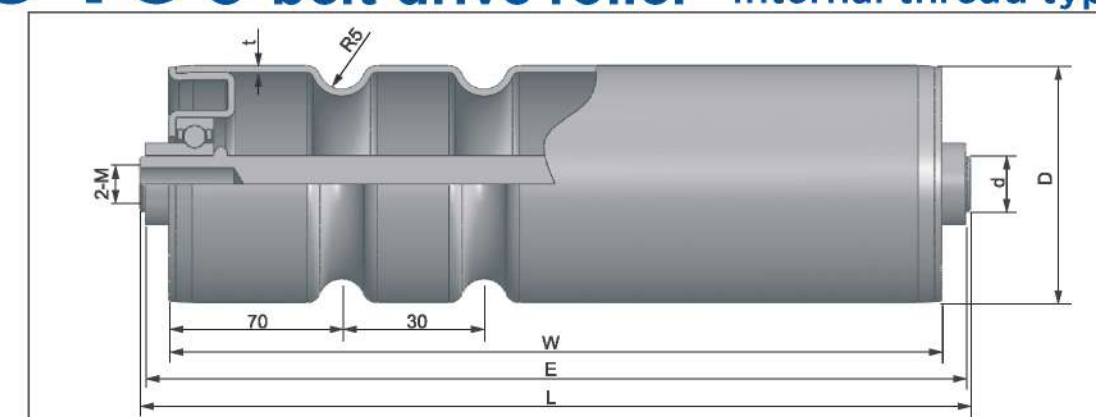
Axis Cold drawn round steel GB/T905
Cold drawn hexagonal steel GB/T12770
Internal thread type, diameter 12mm
Spring press-in type, diameter 11hex (hexagonal shaft), 12mm

Transmission components 5mm diameter O-belt

AL2330 o-belt drive roller Internal thread type



AL2340 o-belt drive roller Internal thread type



Simplified outer dia D	Shaft core dia d	Size
38,50,60	12	E=W+10 L=W+11
50,60	15	E=W+10 L=W+11

	Pipe dia & wall thk	Shaft core diameter	
Outer tube material	D×t	Ø12/M8×15	Ø15/M10×20
Steel galvanised	38×1.5	AL2330/AL2340.JDA.JCN	
	50×1.5	AL2330/AL2340.JHA.JCN	AL2330/AL2340 JHA JDN
	60×2.0	AL2330/AL2340.JLA.JCN	AL2330/AL2340.JLA.JDN
Stainless steel	38×1.5	AL2330/AL2340.NDJ.NCN	
	50×1.5	AL2330/AL2340.NHJ.NCN	AL2330/AL2340 NHJ NDN
	60×2.0	AL2330/AL2340.NLJ.NCN	AL2330/AL2340.NLJ NDN



AL2330/ AL2340 O-Belt drive roller

Type O-Belt drive roller machine

Usage Cartons, plastic pallets, standard turnover boxes

Applications Indoor transportation

Drum characteristics It uses galvanized steel stamping bearing seat assembly, simplified surface profile groove, and adopts belt drive.

Bearing Componets Steel galvanised stamped bearing seat
precision non-standard bearing

Tube Straight seam electric welded steel pipe GB/T13793
Outer diameter 38,50,60mm

Stainless steel welded steel pipe GB/T12770
Outer diameter 38,50,60mm

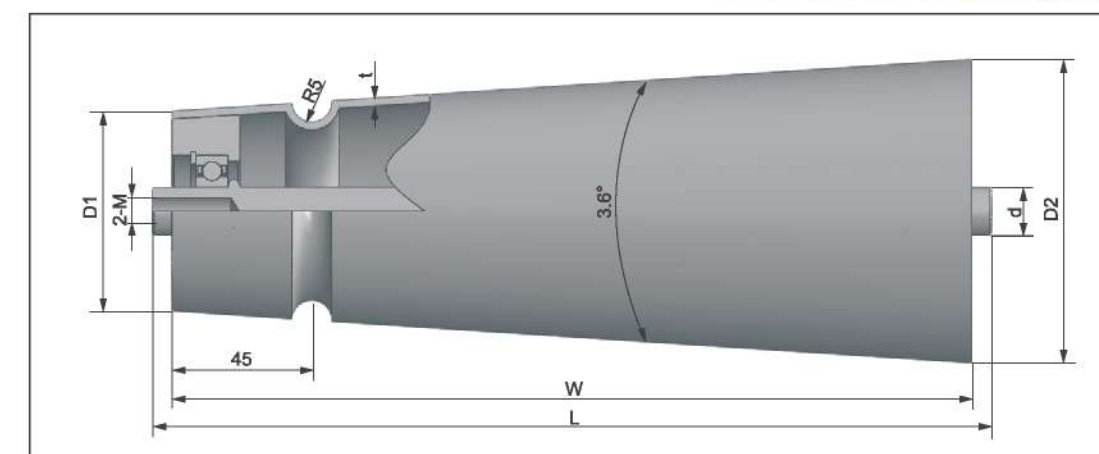
Axis Cold drawn round steel GB/T905
Cold drawn hexagonal steel GB/T12770
Internal thread type, diameter 12,15mm
Spring press-in type, diameter 12, 11hex (hexagonal shaft), 12mm

Transmission components 5mm diameter O-belt

AL2240

Single sprocket drive roller

Internal thread type



Small end dia D1	Shaft core dia d	Size
50	12	L=W+11
50	15	L=W+11

	Simplified body length	Large end dia	Shaft core diameter	
Outer tube material	W	D2	Ø12/M8×15	Ø15/M10×20
Steel galvanised	300	68.9	AL2430.JaA.JCN	AL2430.JaA.JDN
	400	75.1	AL2430.JbA.JCN	AL2430.JbA.JDN
	500	81.4	AL2430.JcA.JCN	AL2430.JcA.JDN
	600	87.7	AL2430.JdA.JCN	AL2430.JdA.JDN
	700	94	AL2430.JeA.JCN	AL2430.JeA.JDN
	800	100.3	AL2430.JfA.JCN	AL2430.JfA.JDN
	900	106.6	AL2430.JgA.JCN	AL2430.JgA.JDN
	1000	112.9	AL2430.JhA.JCN	AL2430.JhA.JDN
Stainless steel	300	68.9	AL2430.NaJ.NCN	AL2430.NaJ.NDN
	400	75.1	AL2430.NbJ.NCN	AL2430.NbJ.NDN
	500	81.4	AL2430.NcJ.NCN	AL2430.NcJ.NDN
	600	87.7	AL2430.NdJ.NCN	AL2430.NdJ.NDN
	700	94	AL2430.NeJ.NCN	AL2430.NeJ.NDN
	800	100.3	AL2430.NfJ.NCN	AL2430.NfJ.NDN
	900	106.6	AL2430.NgJ.NCN	AL2430.NgJ.NDN
	1000	112.9	AL2430.NhJ.NCN	AL2430.NhJ.NDN



AL2430/AL2440

O-belt drive tapered roller

Type O-belt drive bending machine

Usage Cartons, plastic pallets, standard turnover boxes

Applications Indoor transportation

Drum characteristics The general roller taper is 3.6°, with flange welded bearing seats at both ends and double-sided sealed precision bearings, and the 'O' grooves pressed on the surface

Bearing Componets Machined bearing
Seat double sided precision grade bearings GB/T276

Tube 2mm thick steel plate or stainless steel plate

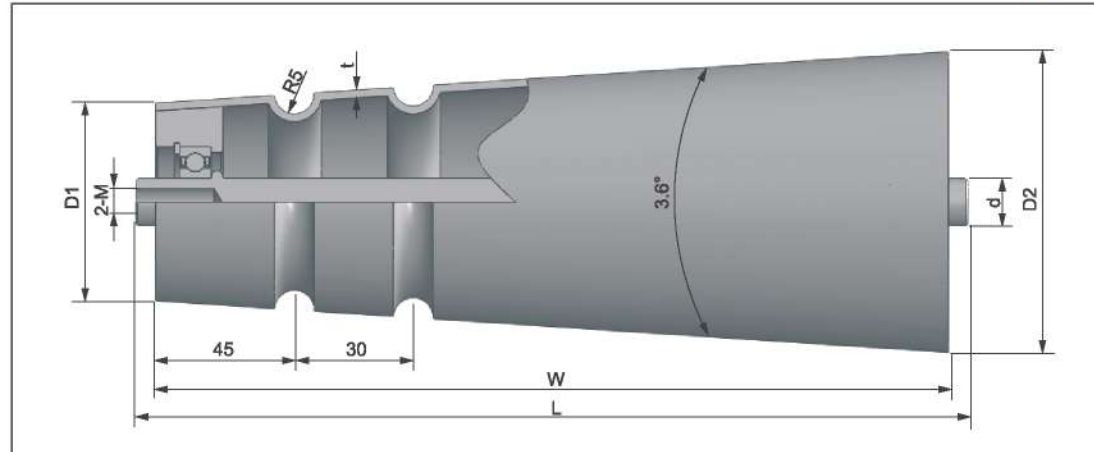
Axis Cold drawn round steel GB/T905
Internal Thread type, diameter 12,15mm

Transmission components 5mm diameter O coin

AL2440

Single sprocket drive roller

Internal thread type



Small end dia D1	Shaft core dia d	Size
50	12	L=W+11
50	15	L=W+11

	Simplified body length	Large end dia	Shaft core diameter	
Outer tube material	W	D2	Ø12/M8×15	Ø12/M10×20
Steel galvanised	300	68.9	AL2440.JaA.JCN	AL2440.JaA.JDN
	400	75.1	AL2440.JbA.JCN	AL2440.JbA.JDN
	500	81.4	AL2440.JcA.JCN	AL2440.JcA.JDN
	600	87.7	AL2440.JdA.JCN	AL2440.JdA.JDN
	700	94	AL2440.JeA.JCN	AL2440.JeA.JDN
	800	100.3	AL2440.JfA.JCN	AL2440.JfA.JDN
	900	106.6	AL2440.JgA.JCN	AL2440.JgA.JDN
Stainless steel	1000	112.9	AL2440.JhA.JCN	AL2440.JhA.JDN
	300	68.9	AL2440.NaJ.NCN	AL2440.NaJ.NDN
	400	75.1	AL2440.NbJ.NCN	AL2440.NbJ.NDN
	500	81.4	AL2440.NcJ.NCN	AL2440.NcJ.NDN
	600	87.7	AL2440.NdJ.NCN	AL2440.NdJ.NDN
	700	94	AL2440.NeJ.NCN	AL2440.NeJ.NDN
	800	100.3	AL2440.NfJ.NCN	AL2440.NfJ.NDN
	900	106.6	AL2440.NgJ.NCN	AL2440.NgJ.NDN
	1000	112.9	AL2440.NhJ.NCN	AL2440.NhJ.NDN



AL2530/ AL2540

O-belt drive tapered sleeve roller

Type Belt drive certification machine

Usage Cartons, plastic pallets, standard turnover boxes

Applications Indoor transportation

Drum characteristics Drums are made of 50mm straight-seam steel pipe with 'O' groove, and the jacket is tapered. Plastic sleeve, the taper is 3.6°, and nylon plastic steel is used at both ends. Smooth operation and low noise

Bearing components Bearing outer sleeve polypropylene (PP)
Bearing inner sleeve nylon 66
Double-sided sealed precision bearings GB/T276

Tube Ø50mm straight seam electric welded steel pipe GB/T13793
Jacket engineering plastic wire

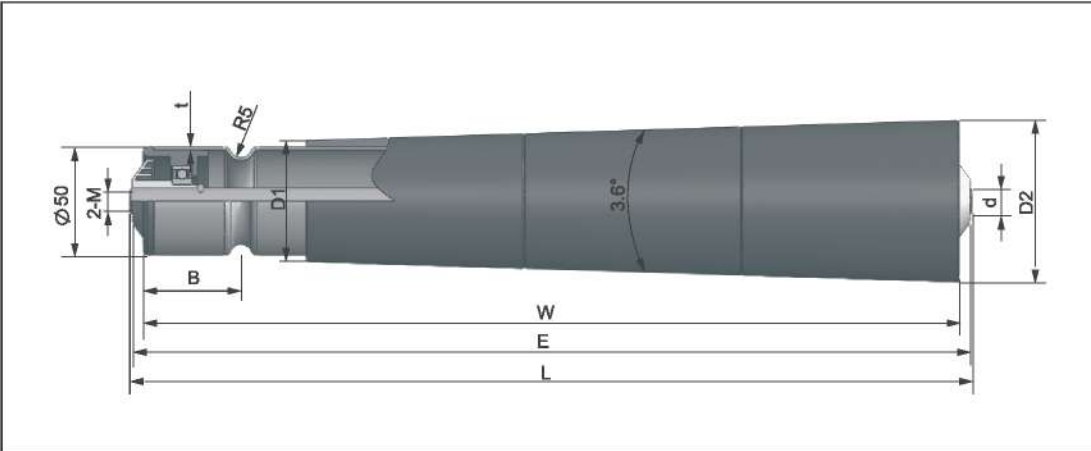
Axis Cold drawn round steel GB/T905
Internal thread type, diameter 12mm

Transmission components 5mm diameter O-belt

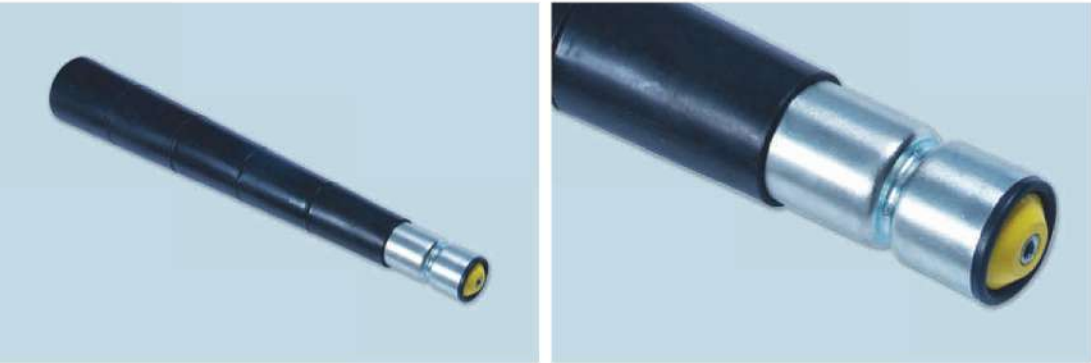
AL2530

O-belt drive tapered sleeve roller

Internal thread type



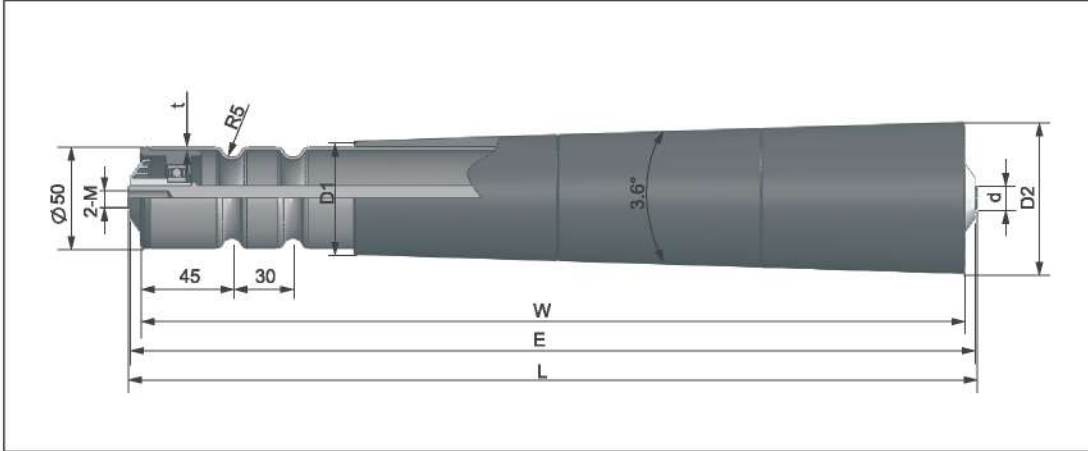
Small end dia D1	Shaft core dia d	Size	
55.6	12	E=W+9 L=W+10	
	Simplified body length	Large end dia	Shaft core diameter
Outer tube material	W	D2	Ø12/M8×15
Steel galvanised	365	74.5	AL2530.JaA.JCN
Jacket engineering plastics	465	80.8	AL2530.JbA.JCN
	565	87.1	AL2530.JcA.JCN
	665	93.4	AL2530.JdA.JCN
	765	99.6	AL2530.JeA.JCN
	865	105.9	AL2530.JfA.JCN



AL2540

O-belt drive tapered sleeve roller

Internal thread type



Small end dia D1	Shaft core dia d	Size	
55.6	12	E=W+9 L=W+10	
	Simplified body length	Large end dia	Shaft core diameter
Outer tube material	W	D2	Ø12/M8×15
Steel galvanised	395	74.5	AL2540.JaA.JCN
Jacket engineering plastics	495	80.8	AL2540.JbA.JCN
	595	87.1	AL2540.JcA.JCN
	695	93.4	AL2540.JdA.JCN
	795	99.6	AL2540.JeA.JCN
	895	105.9	AL2540.JfA.JCN





AL3213

Plastic steel single chain accumulation roller

Type Single chain accumulation roller conveyor

Usage Cartons, plastic pallets, standard turnover boxes

Applications Indoor transportation

Drum characteristics One end is nylon plastic steel bearing seat assembly, and the other end is made of plastic steel sprocket sleeve and plastic steel sprocket. It has good accumulation effect, light weight, stable operation and low noise

Bearing components Bearing outer sleeve polypropylene (PP)
Bearing inner sleeve nylon 66
Double-sided sealed precision bearings GB/T276

Tube Straight seam electric welded steel pipe GB/T13793
Outer diameter 50,60mm

Stainless steel welded steel pipe GB/T12770
Outer diameter 50,60mm

aluminium alloy extruded round tube GB/T4436
Outer diameter 50,60mm

Axis Cold drawn round steel GB/T905
Internal thread type, diameter 12mm

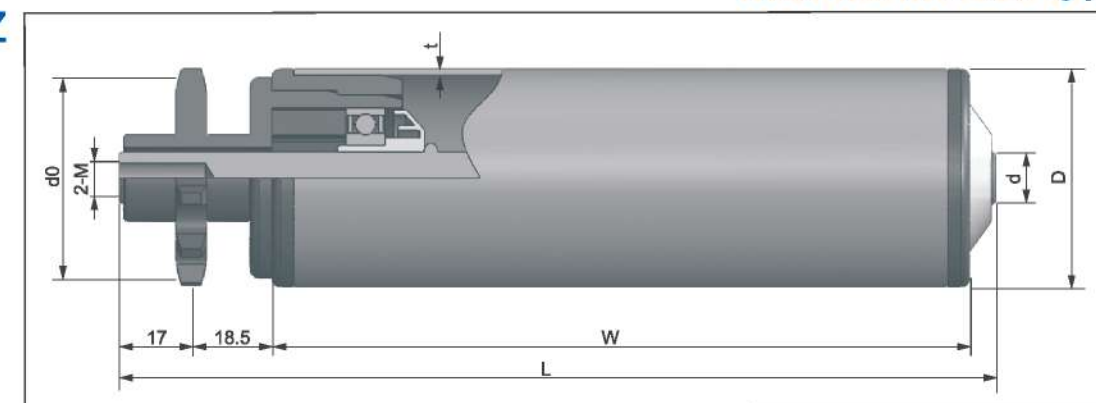
Transmission components Plastic steel sprocket (tooth shape GB/T1234)
Equipped with 08B

AL3213

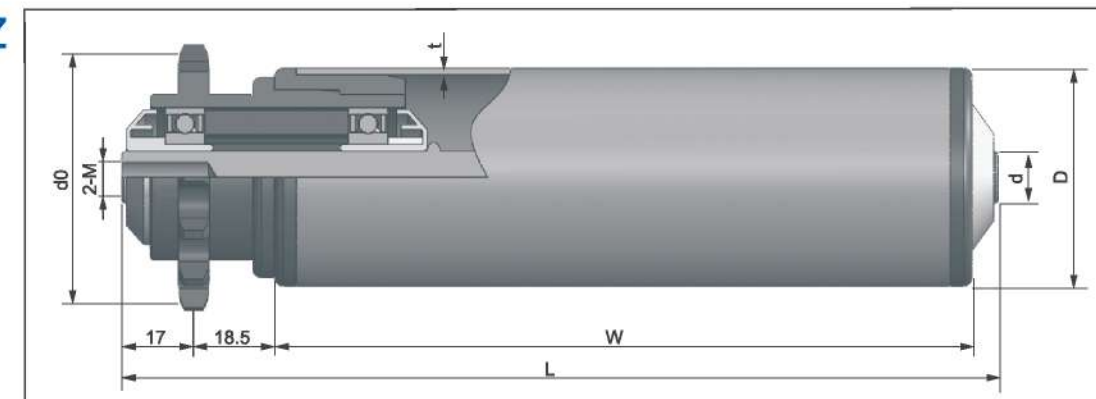
Plastic steel single chain accumulation roller

Internal thread type

08B11Z

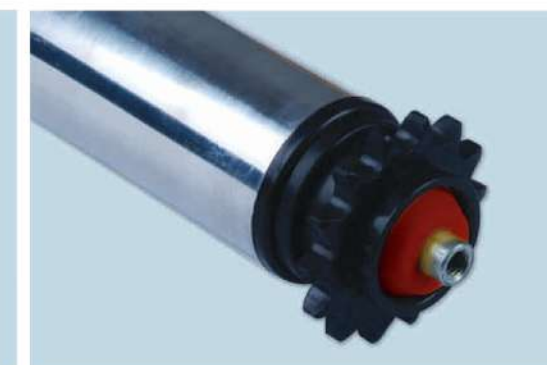


08B14Z



Simplified outer dia D	Shaft core dia d	Size	Chain pitch	No. teeth	Equipped w/ chain	Section circle dia d0
50,60	12	L=W+41	12.7	14	08B	45.08

	Pipe dia & wall thk	Shaft core diameter
Outer tube material	D×t	Ø12/M8×15
Steel galvanised	50×1.5	AL3213.JHA.JCN
	60×2.0	AL3213.JLA.JCN
Stainless steel	50×1.5	AL3213.NHJ.NCN
	60×2.0	AL3213.NLJ.NCN
Aluminium alloy	50×1.5	AL3213.AHJ.JCN
	60×2.0	AL3213.ALJ.JCN





AL3223

Plastic steel double chain accumulation roller

Type Double chain accumulation roller conveyor

Usage Cartons, plastic pallets, standard turnover boxes

Applications Indoor transportation

Drum characteristics One end is nylon plastic steel bearing seat assembly, and the other end is made of plastic steel sprocket sleeve and plastic steel sprocket. It has good accumulation effect, light weight, stable operation and low noise

Bearing components Bearing outer sleeve polypropylene (PP)
Bearing inner sleeve nylon 66
Double-sided sealed precision bearings GB/T276

Tube Straight seam electric welded steel pipe GB/T13793
Outer diameter 50,60mm

Stainless steel welded steel pipe GB/T12770
Outer diameter 50,60mm

aluminium alloy extruded round tube GB/T4436
Outer diameter 50,60mm

Axis Cold drawn round steel GB/T905
Internal thread type, diameter 12mm

Transmission components Plastic steel sprocket (tooth shape GB/T1234)
Equipped with 08B

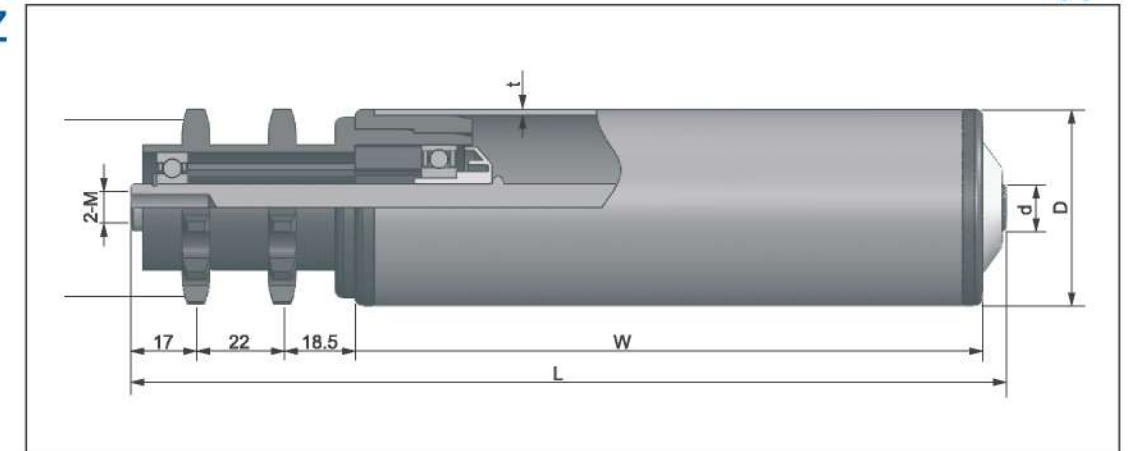
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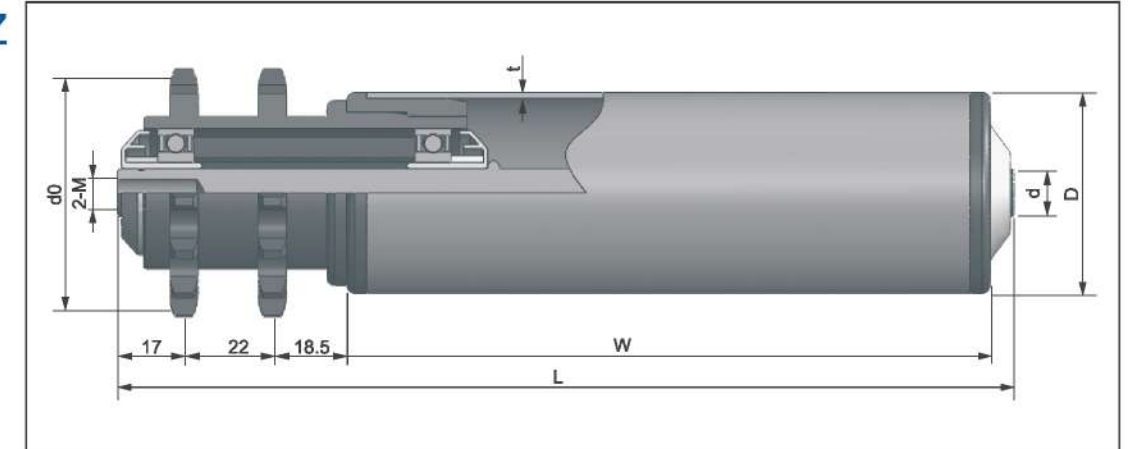
AL3223

Plastic steel double chain accumulation roller Internal thread type

08B11Z



08B14Z



Simplified outer dia D	Shaft core dia d	Size	Chain pitch	No. teeth	Equipped w/ chain	Section circle dia d0
50,60	12	L=W+63	12.7	11	08B	45.08
50,60	12	L=W+63	12.7	14	08B	57.07

	Pipe dia & wall thk	Shaft core diameter
Outer tube material	D×t	Ø12/M8×15
Steel galvanised	50×1.5	AL3223.JHA.JCN
	60×2.0	AL3223.JLA.JCN
Stainless steel	50×1.5	AL3223.NHJ.NCN
	60×2.0	AL3223.NLJ.NCN
aluminium alloy	50×1.5	AL3223.AHJ.JCN
	60×2.0	AL3223.ALJ.JCN





AL3315/ AL3325

Single chain adjustable accumulation roller

Type Single and double chain accumulation roller conveyor

Usage Cartons, plastic pallets, standard turnover boxes

Applications Indoor transportation

Drum characteristics Both ends use friction accumulation bearing caps, and the spring tension is adjusted. The sprocket drives the simplified body to rotate through the friction plate, which had a large load-bearing and accumulation effect

Bearing components Steel galvanised stamped bearing seat
Double-sided sealed precision bearings GB/T276

Tube Straight seam electric welded steel pipe GB/T13793
Outer diameter 50,60,76,89mm

Stainless steel welded steel pipe GB/T12770
Outer diameter 50,60,76,89mm

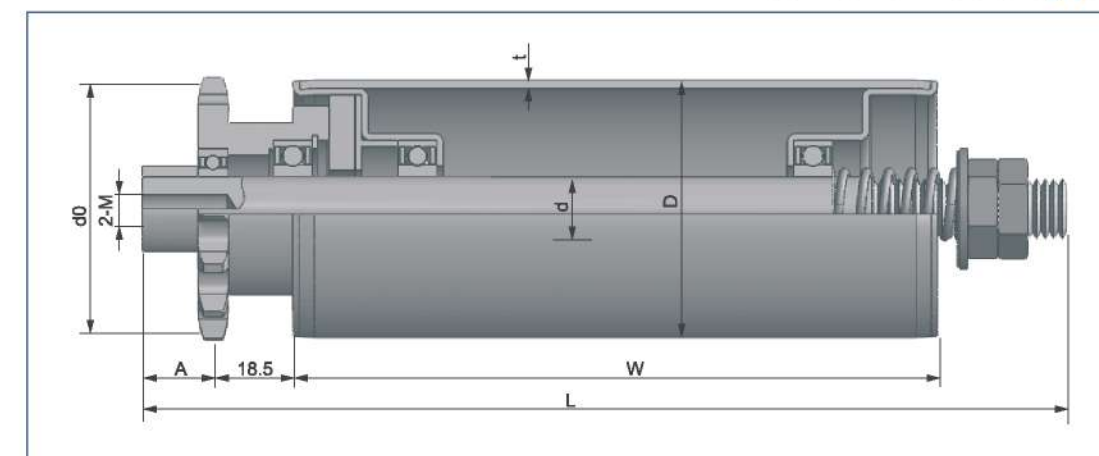
Axis Cold drawn round steel GB/T905
Internal thread type, diameter 12,15,20mm

Transmission components Plastic steel sprocket (tooth shape GB/T1234)
Equipped with 08B/10A chain

AL3315

Single chain adjustable accumulation roller

Internal thread type



Simplified outer dia D	Shaft core dia d	Size	A	Chain pitch	No. teeth	Equipped w/ chain	Section circle dia d0
50,60	12	L=W+65	17	12.7	11	08B	45.08
50,60	15	L=W+65	17	12.7	14	08B	57.07
76,89	20	L=W+73	20	15.875	13	10A	66.34

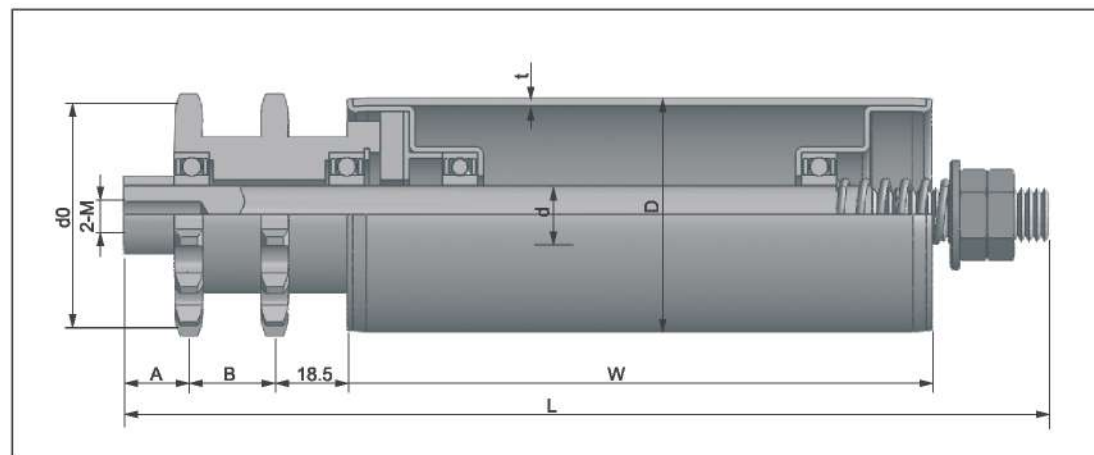
Pipe dia & wall thk		Shaft core diameter		
Outer tube material	D×t	Ø12/M6×10	Ø15/M8×15	Ø20/M10×20
Steel galvanised	50×1.5	AL3315.JHA.JCN	AL3315.JHA.JDN	
	60×2.0	AL3315.JLA.JCN	AL3315.JLA.JDN	
	76×3.0			AL3315.JPA.JFN
Stainless steel	89×3.0			AL3315.JRA.JFN
	50×1.5	AL3315.NHJ.NCN	AL3315.NHJ.NDN	
	60×2.0	AL3315.NLJ.NCN	AL3315.NLJ.NDN	
	76×3.0			AL3315.NPJ.NFN
	89×3.0			AL3315.NRJ.NFN



AL3325

Single chain adjustable accumulation roller

Internal thread type



Simplified outer dia D	Shaft core dia d	A	B	Size	Chain pitch	No. teeth	Equipped w/ chain	Section circle dia d0
50	12	17	22	L=W+87	12.7	11	08B	45.08
50,60	15	17	22	L=W+87	12.7	14	08B	57.07
76,89	20	20	25	L=W+98	15.875	13	10A	66.34

Outer tube material	Pipe dia & wall thk	Shaft core diameter		
	D×t	Ø12/M6×10	Ø15/M8×15	Ø20/M10×20
Steel galvanised	50×1.5	AL3325.JHA.JCN	AL3325.JHA.JDN	
	60×2.0	AL3325.JLA.JCN	AL3325.JLA.JDN	
	76×3.0			AL3325.JPA.JFN
Stainless steel	89×3.0			AL3325.JRA.JFN
	50×1.5	AL3325.NHJ.NCN	AL3325.NHJ.NDN	
	60×2.0	AL3325.NLJ.NCN	AL3325.NLJ.NDN	
	76×3.0			AL3325.NPJ.NFN
	89×3.0			AL3325.NRJ.NFN



AL2250

Plastic steel multi-ribbed pulley drive roller

Type Multi V-belt drive roller conveyor

Usage Cartons, plastic pallets, standard turnover boxes

Applications Indoor transportation

Drum characteristics One end is nylon plastic steel bearing seat assembly, and the other end is made of plastic steel multi-ribbed pulley sleeve and plastic steel muti-pulley. It is light weight, runs smoothly and has low noise

Bearing components Bearing outer sleeve polypropylene (PP)
Bearing inner sleeve nylon 66
Double-sided sealed precision bearings GB/T276

Tube Straight seam electric welded steel pipe GB/T13793
Outer diameter 50mm

Stainless steel welded steel pipe GB/T12770
Outer diameter 50mm

aluminium alloy extruded round tube GB/T4436
Outer diameter 50mm

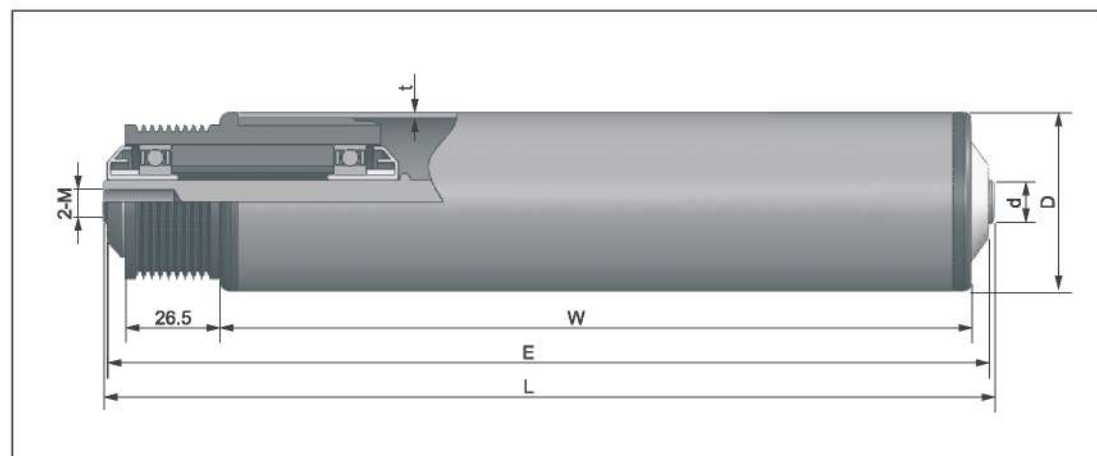
Axis Cold drawn round steel GB/T905
Internal thread type, diameter 12mm

Transmission components Plastic steel multi-ribbed pulley P9PJ43
Equipped with multi-ribbed belt

AL2250

Plastic steel multi-ribbed pulley drive roller

Internal thread type



Simplified outer dia D	Shaft core dia d	Size	Pulley model
50, 60	12	E=W+35 L=W+37	P9PJ43
Pipe dia & wall thickness		Shaft core diameter	
Outer tube material	D×t	Ø12/M8×15	
Steel galvanised	50×1.5	AL2250.JHA.JCN	
Stainless steel	50×1.5	AL2250.NHJ.NCN	
Aluminium alloy	50×1.5	AL2250.AHJ.JCN	



AL2351

Steel poly-V belt

Type Multi V-belt drive roller conveyor

Usage Cartons, plastic pallets, standard turnover boxes

Applications Indoor transportation

Drum characteristics The steel multi-ribbed pulley is welded with a simple body, and the single-zone drive load is high. The default PJ type belt groove, the groove spacing is 2.34 and 9/11/13 different numbers of grooves are optional to meet a variety of multi-V belt transmission requirements.

Bearing Componets Steel galvanised stamped bearing seat
Precision non-standard bearing

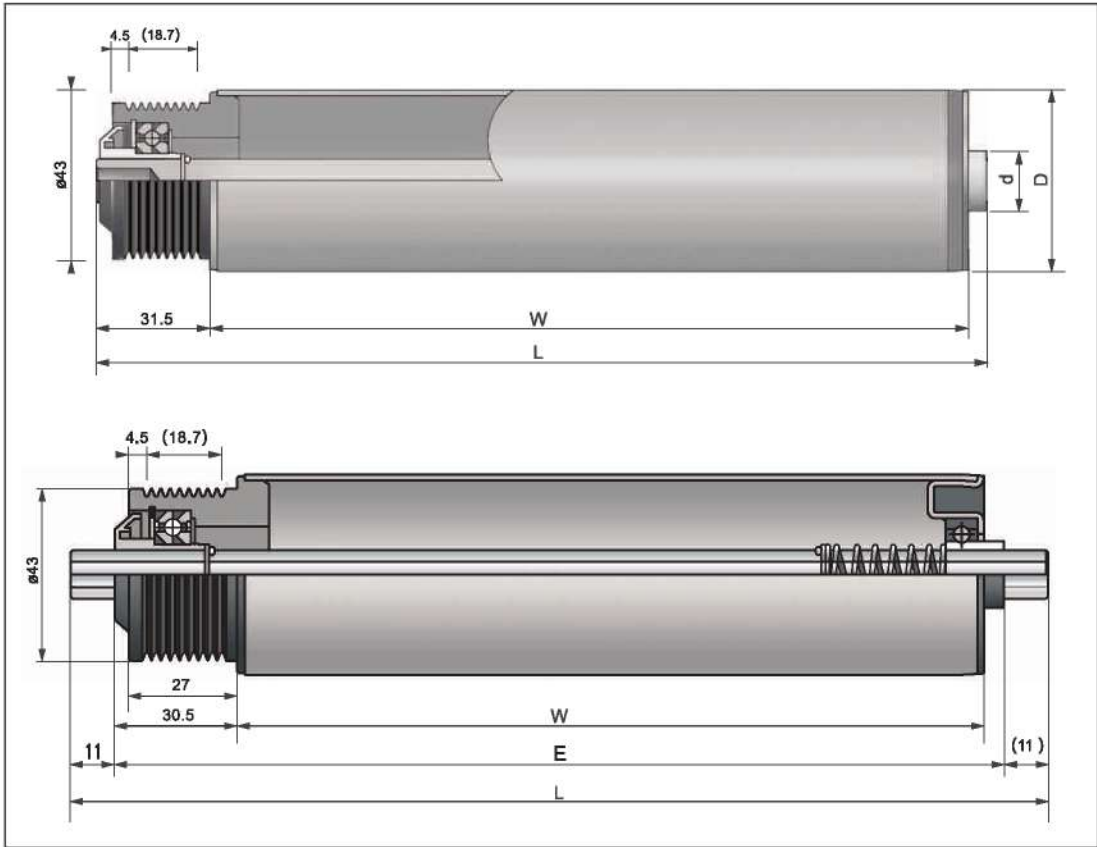
Tube Straight seam electric welded steel pipe GB/T13793
Outer diameter 50/60mm

Axis Cold drawn round steel GB/T905
Cold drawn hexagonal steelGB/T905

Transmission components Steel multi-ribbed pulley, decorative chrome plated surface

AL2351

Steel poly-V belt



Model description					
Pipe diameter (D)	Wall thickness (T)	Shaft diameter (d)	Optional groove type	Simplified material	
				Steel galvanised	Stainless steel tube
50	1.5/2.0	12/15	PJ9/PJ11/PJ13	✓	✓
60	1.5/2.0	12/15	PJ9/PJ11/PJ13	✓	✓

Pipe dia & wall thk		Shaft core diameter		S11/Elastic shaft installation
Outer tube material	D×t	Ø12/M8×15	Ø15/M10×20	
Steel galvanised	50×1.5	AL2351.JHA.JCN	AL2351.JHA.JDN	AL2351.JHA.JGT
	60×2.0	AL2351.JLA.JCN	AL2351.JLA.JDN	AL2351.JLA.JGT
Stainless steel	50×1.5	AL2351.NHJ.JCN	AL2351.NHJ.JDN	
	60×2.0	AL2351.NLJ.JCN	AL2351.NLJ.JDN	



AL2360

Plastic steel 'O' pulley drive roller

Type 'O' belt drive roller

Usage Cartons, plastic pallets, standard turnover boxes

Applications Indoor transportation

Drum characteristics One end is made of nylon plastic steel bearing seat assembly, and the other is made of plastic steel double pulleys. It is light weight and low noise.

Bearing Componets Bearing outer sleeve polypropylene (PP)
Bearing inner sleeve nylon 66
Double-sided sealed precision bearings GB/T276-94

Tube Straight seam electric welded steel pipe GB/T1379
Outer diameter 50mm

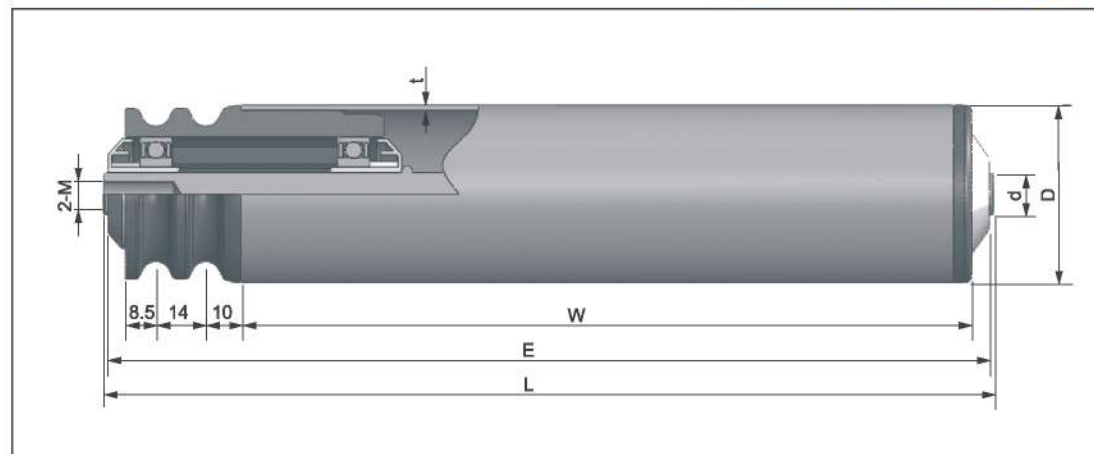
Axis Cold drawn round steel GB/T905-1994
Internal thread diameter 12mm

Transmission components Double 'O' pulley
Equipped with 5mm diameter 'O' belt

AL2360

Plastic steel 'O' pulley drive roller

Internal thread type



Simplified outer dia D	Shaft core dia d	Size
50	12	E=W+41 L=W+43
Outer tube material	Pipe dia & wall thk	Shaft core diameter
Steel galvanised	D×t	Ø12/M8×15
Stainless steel	50×1.5	AL2260.JHA.JCN
Combination gold	50×1.5	AL2260.NHJ.NCN
		AL2260.AHJ.JCN



AL2270

Synchronous pulley drive roller

Type Synchronous belt drive roller machine

Usage Cartons, plastic pallets, standard turnover boxes

Applications Indoor transportation

Drum characteristics One end is made of nylon plastic steel bearing seat assembly, and the other is uses a plastic steel synchronous pulley sleeve and its plastic steel synchronous pulley. It is light weight, runs smooth and is low noise.

Bearing Componets Bearing outer sleeve polypropylene (PP)
Bearing inner sleeve nylon 66
Double-sided sealed precision bearings GB/T276

Tube Straight seam electric welded steel pipe GB/T13793
Outer diameter 50,60mm

Stainless steel welded steel pipe GB/T12770
Outer diameter 50,60mm

aluminium alloy extruded round tube GB/T4436
Outer diameter 50,60mm

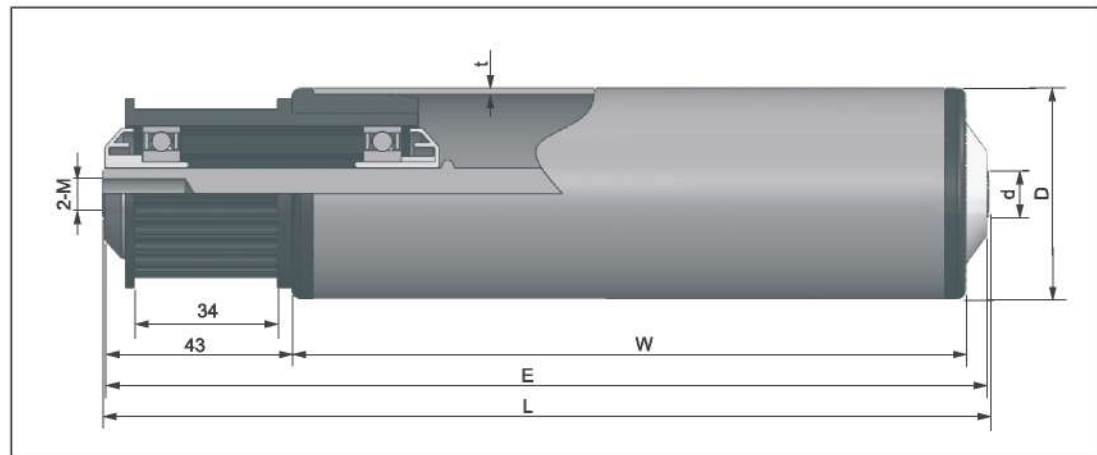
Axis Cold drawn round steel GB/T905
Internal thread diameter 12mm

Transmission components Synchronous pulley with synchronous belt

AL2270

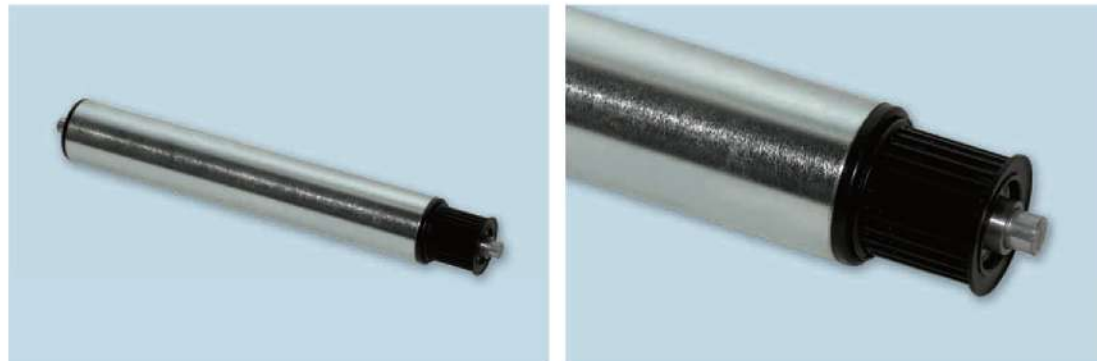
Synchronous pulley drive roller

Internal thread type



Simplified outer dia D	Shaft core dia d	Size	Pulley model
50, 60	12	E=W+47 L=W+49	5M26Z

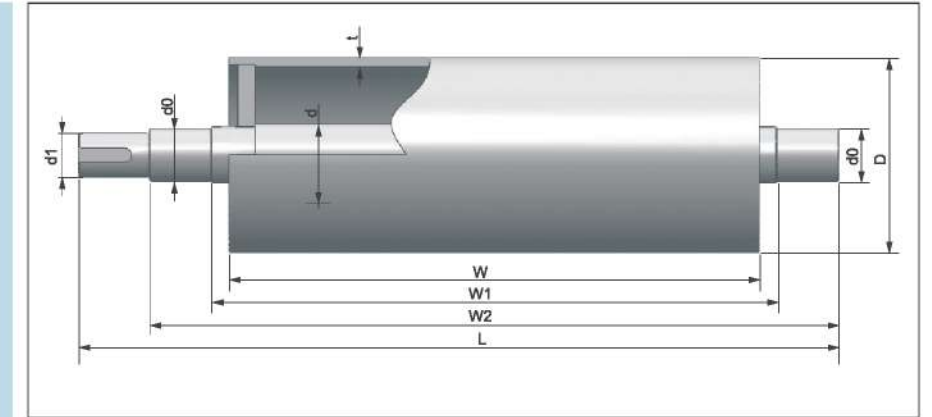
	Pipe dia & wall thickness	Shaft core diameter
Outer tube material	D×t	Ø12/M8×15
Steel galvanised	50×1.5	AL2270.JHA.JCN
	60×2.0	AL2270.JLA.JCN
Stainless steel	50×1.5	AL2270.NHJ.NCN
	60×2.0	AL2270.NLJ.NCN
Aluminium alloy	50×1.5	AL2270.AHJ.JCN
	60×2.0	AL2270.ALJ.JCN



If other synchronous pulley models are needed, steel synchronous pulleys can be customized.

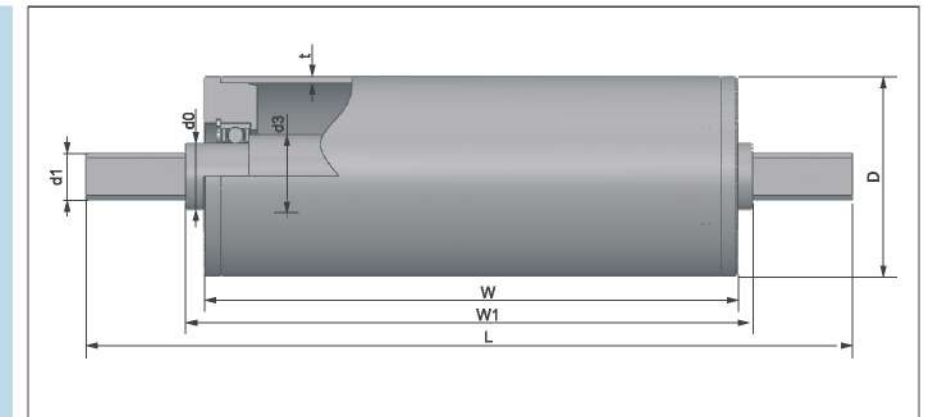
Turning roller

Bearing external welding drum



Model number	Outer diameter D	Wall thickness T	Shaft diameter d	Shaft diameter d0	Shaft diameter d1	Roller Surface length
ALWH-60	60	4	25	20	18	150-1000
ALWH-76	76	4	25	20	18	200-1500
ALWH-89	89	4	25	20	18	200-1500
ALWH-100	100	5	30	25	22	200-1500
ALWH-110	110	5	30	25	22	200-1500
ALWH-130	130	5	35	30	28	250-1500
ALWH-142	142	5	35	30	28	250-1500

Machined rollers with built-in bearings



Model number	Outer diameter D	Wall thickness T	轴径d	Shaft diameter d0	Shaft diameter d1	Roller Surface length
ALNC-60	60	3	25	20	18	150-1000
ALNC-76	76	3	25	20	18	200-1500
ALNC-89	89	4	25	20	18	200-1500
ALNC-100	100	5	30	25	20	200-1500
ALNC-110	110	5	30	25	20	200-1500

★ Note: the machine roller can be customized, and the outer diameter is for reference only.

Surface treatment: galvanised, the shaft end is finished and the end is coated with anti-rust oil.



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