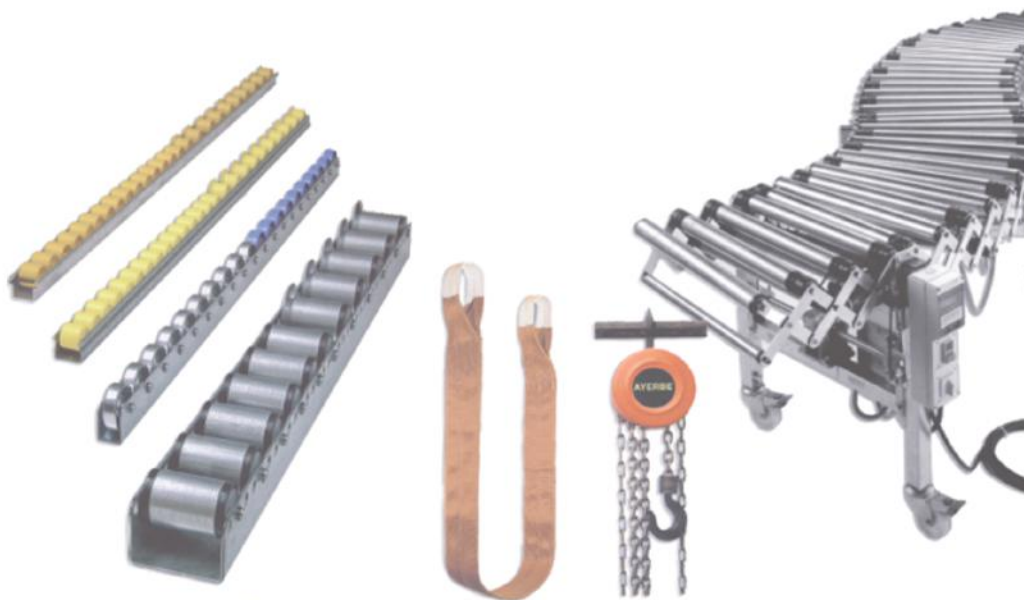


# 14. MAINTENANCE AND TRANSPORTATION

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## >>> Conveyor belts

Conveyor belts

At www.rodavigo.net Family: Maintenance and transportation  
Product: Conveyor belts



### TYPES-CHARACTERISTICS

Code	Material	Total thickness (mm)	N° fabrics	Top face	Underside	Diameter minimum		Counter-bending	1% traction	Characteristics	
				Color	Finish	Color	Finish				Bending
071F1M4U0U2A	Polyurethane	0,8	1	Blc	Smooth	Blc	Tej	10	15	4	FDA-ANT
071F2M8U0U2A	Polyurethane	1,3	2	Blc	Smooth	Blc	Imp	20	40	8	FDA-ANT
071F2M15U0U65	Polyurethane	2,4	2	Blc	Smooth	Blc	Imp	90	120	15	FDA
071F2M15U0U10	Polyurethane	3,5	2	Blc	Smooth	Blc	Imp	110	140	15	FDA
071F3M22U0U15	Polyurethane	4,5	2	Blc	Smooth	Blc	Imp	180	240	22	FDA
071F2M8TU0UTU0	Polyurethane	1,4	2	Blc	Smooth	Blc	Tej	20	20	8	FDA
071F2M8TU0UTU0A	Polyurethane	1,4	2	Blc	Smooth	Blc	Tej	20	20	8	FDA-ANT
071F1M4U0U2PN	Polyurethane	1,0	1	Blc	PN	Blc	Imp	10	20	4	FDA
071U2T13U0U7A	Polyurethane	2,3	2	Mar	Smooth	Blc	Imp	75	100	13	FDA-ANT
071F1M4U0V4	PVC	0,9	1	Blc	Smooth	Blc	Imp	20	40	4	FDA
071F1M4V1PNV4	PVC	1,9	1	Blc	Smooth	Blc	PN	20	40	4	FDA
071F2M8U0V5	PVC	2,0	2	Blc	Smooth	Blc	Imp	40	60	8	FDA
071F2M8V4PNV4	PVC	2,8	2	Blc	Smooth	Blc	PN	60	120	8	FDA
071F2M8U0V12	PVC	2,8	2	Blc	Smooth	Blc	Imp	50	100	8	FDA
071F2M8TG0VVG0	PVC	1,7	2	Blc	Smooth	Blc	Tej	20	20	10	FDA
071F2M8T0VT0	PVC	2,3	2	Blc	Smooth	Blc	Grab	20	20	8	FDA
071F2M8A0VA0	PVC	1,3	2	Blc	Smooth	Blc	Tej	20	20	8	FDA
071F2M3SI0SI2	Silicone	1,1	2	Tran	Smooth	Blc	Tej	30	60	3	FDA
071F2M8SI0SI3	Silicone	1,8	2	Blc	Smooth	Blc	Tej	40	60	8	FDA
071F1M500F2	Felt	2,8	1	Blc	Smooth	Blc	Tej	30	45	5	FDA
071A2M800C5	Elastomer	1,5	2	Azu	Semi	Blc	Tej	30	60	8	ANT
071A2M800C10	Elastomer	2,0	2	Azu	Semi	Blc	Tej	40	80	8	ANT
071A3M1500C15	Elastomer	3,0	2	Azu	Semi	Blc	Tej	100	200	15	ANT

### Nomenclature

Blc = White  
Ver = Green  
Gri = Gray  
Neg = Black  
Azu = Blue  
Mar = Ivory  
Tran = Transparent

Tej = Fabric  
Imp = Impregnated fabric  
Grab = Embossed fabric  
TpvC = PVC fabric  
Tsil = Quiet fabrics  
Tex = Textile  
Semi = Slightly rough

PN = PN engraving  
GPA = Recorded GPA  
GPB = GPB engraving  
PS = PS engraving  
CD = CD engraving  
RL = RL engraving  
GPM = GPM engraving

FDA = Feed-in  
1M = Monofilament layer  
ANT = Antistatic

# MAINTENANCE AND TRANSPORTATION

## >>> Conveyor belts

At [www.rodavigo.net](http://www.rodavigo.net) Family: Maintenance and transportation  
Product: Conveyor belts

Conveyor belts



### TYPES-CHARACTERISTICS

Code	Material	Total thickness (mm)	N° fabrics	Top face		Underside		Diameter minimum	Counter-bending	1% traction	Characteristics
				Color	Finish	Color	Finish				
071S1M400U2	Polyurethane	0,8	1	Ver	Smooth	Blc	Tej	5	20	4	ANT
071S2M8U0U2M14	Polyurethane	1,4	2	Ver	Smooth	Blc	Imp	8	30	8	ANT
071S1M5S0V5	PVC	1,0	1	Neg	Smooth	Gri	Tsil	20	40	5	ANT
071S2M800V00A	PVC	1,6	2	Ver	Smooth	Blc	Tpvc	20	40	8	ANT
071S2M800V5	PVC	2,0	2	Ver	Smooth	Blc	Tej	40	60	8	ANT
071S2M1200V10	PVC	2,7	2	Ver	Smooth	Blc	Tej	50	100	12	ANT
071S2M8V4PNV4	PVC	2,8	2	Ver	Smooth	Ver	PN	60	120	8	ANT
071S3M1500V10	PVC	4,0	3	Ver	Smooth	Blc	Tej	100	150	15	ANT
071S2M8TS0V5N	PVC	2,0	2	Neg	Smooth	Gri	Tsil	30	50	8	ANT
071S2M8S0V7NM	PVC	2,5	2	Neg	Smooth	Gri	Tsil	50	90	9	ANT
071G2M8TS0V5FT	PVC	2,2	2	Neg	PN	Gri	Smooth	40	60	8	ANT
071G2M800V5PS	PVC	2,2	2	Gri	PS	Blc	Tej	50	100	8	ANT
071G2M10S0V10CD	PVC	2,4	2	Ver	CD	Blc	Tej	50	100	8	ANT
071G2M800V9RL	PVC	2,9	2	Ver	RL	Blc	Tej	80	160	8	ANT
071G2M800V16GPM	PVC	4,3	2	Ver	GPM	Blc	Tej	60	90	8	ANT
071G2M800V20GPA	PVC	5,5	2	Ver	GPA	Blc	Tej	80	160	8	ANT
071G2M8S0V4PN	PVC	2,7	2	Neg	PN	Gri	Tsil	50	100	8	ANT
071F2T14V10PNV20	PVC	4,0	2	Blc	Smooth	Blc	PN	100	150	14	FDA
071U2T20T3VT3	PVC	4,6	1M	Gri	Tex	Gri	Tex	150	150	19	ANT
071S1M1400V20	PVC	4,0	1M	Ver	Smooth	Gri	Tex	50	100	14	ANT
071PVG200S1CNW	PVG	5,8	1M	Blc	Smooth	Blc	Smooth	127	152*	18	ANT
071PVG250S1CNW	PVG	6,4	1M	Blc	Smooth	Blc	Smooth	152	203*	22	ANT
071PVG350S1CNW	PVG	7,6	1M	Blc	Smooth	Blc	Smooth	254	305*	30	ANT
071PVG450S1CNW	PVG	8,8	1M	Blc	Smooth	Blc	Smooth	305	355*	40	ANT

### Nomenclature

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Tran = Transparent

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Imp = Impregnated fabric  
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## >>> Conveyor belts

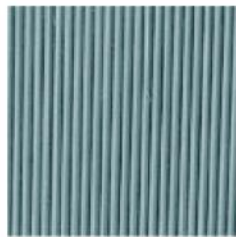
Band engravings

At [www.rodavigo.net](http://www.rodavigo.net) Family: Food and transportation  
Product: Conveyor belts

### BAND ENGRAVINGS



**CD**



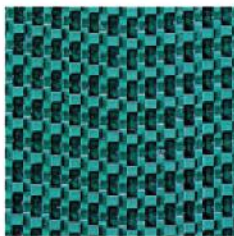
**RL**



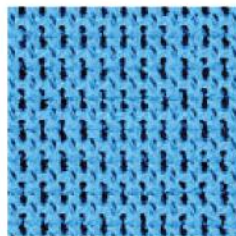
**PN**



**GNP**



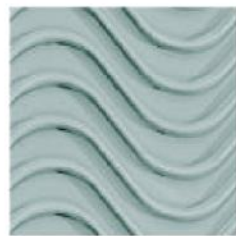
**GPM**



**GPA**



**NP**



**CG**



**GPB**



**CR**



**FB**



**PS**

### JOYNING METHODS

The new material characteristics and the continuous technological evolution in the conveyor belt application has made possible different and specific joining methods. The more common types are:

#### FLEXPROOF FUSION JOINTS



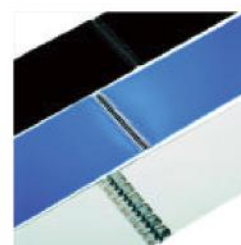
High flexibility. The best performance in high speed conditions and counter-bending situations guaranteed.

#### QUICKMELT FUSION JOINTS (beveled)



Specific uses. For example, when the product has a tendency to stand between the drum and the band with an extra effort in the joining zone.

#### MECHANICAL FASTENER



Offers a fast replacement, because any structural modification is needed in the installation. Different types, stainless steel or zinc plated are available.



# MAINTENANCE AND TRANSPORTATION

## >>> Conveyor belts

At [www.rodavigo.net](http://www.rodavigo.net) Family: Maintenance and transportation  
Product: Conveyor belts






Profiles and guides

### TOLERANCES

Width (mm)			Length (mm)			
<b>De0</b> to500	<b>De501</b> to1000	<b>De1001</b> to3000	<b>De0</b> to2500	<b>De2501</b> to5000	<b>De5001</b> to10000	<b>Másde</b> 10000
±1,0%	±0,8%	±0,5%	±0,5%	±0,4%	±0,3%	±0,2%

These tolerances do not consider variations due to particular environmental conditions.

### PROFILES AND GUIDES

Types	Reference		Measurements (mm)		Minimum Ø (mm)	
	PVC	PU	Base	Height	Length	Transv.
<b>P</b> 	<b>P8</b>	<b>PU8</b>	8	5	80	50
	<b>P10</b>	<b>PU10</b>	10	6	100	70
	<b>P13</b>	<b>PU13</b>	13	8	180	90
	<b>P17</b>	<b>PU17</b>	17	11	150	100
<b>PD</b> 	<b>PD8</b>		8	5	60	
	<b>PD10</b>		10	6	80	
	<b>PD13</b>		13	8	100	
	<b>PD17</b>		17	11	130	
<b>C</b> 	<b>C8</b>		8	8	110	100
	<b>C12</b>		12	12	120	100
<b>T</b> 	<b>T20</b>		20	20		100
	<b>T30</b>		25	30		120
	<b>T40</b>		25	40		120
	<b>T50</b>		25	50		120
	<b>T60</b>		25	60		150
<b>I</b> 	<b>I30</b>		25	30		120
	<b>I40</b>		25	40		120
	<b>I50</b>		25	50		120
	<b>I60</b>		25	60		150
	<b>I70</b>		40	70		170
	<b>I80</b>		40	80		180

Other sections and materials available, depending on your needs



## >>> Lifting and transport chains

### G.80 Miscellaneous Chain Slings

At www.rodavigo.net

Family: Maintenance and transportation  
Product: Slings-Hoists and industrial cables

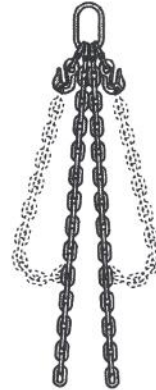
#### Product 516



SINGLE ADJUSTABLE Loop



SINGLE BASKET Type



DOUBLE ADJUSTABLE Loop



DOUBLE BASKET type

### Replacement of chains

### Maximum working load (tons)

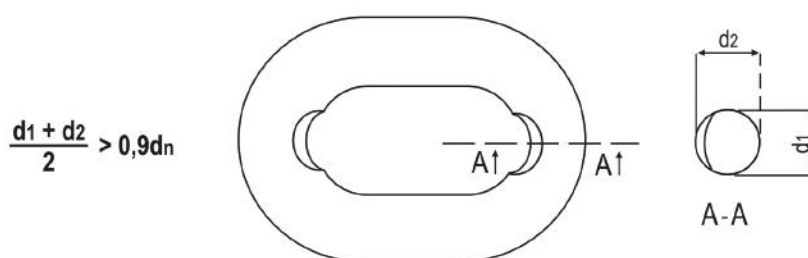
#### Product 516



Chain diameter	C.M.T.	0° < β ≤ 45°		45° < β ≤ 60°	
		Factor 1,1	Factor 0,8	Factor 1,7	Factor 1,2
mm					
6	1,12	1,23	0,89	1,90	1,34
8	2,00	2,20	1,60	3,40	2,40
10	3,15	3,46	2,52	5,35	3,78
13	5,30	5,83	4,24	9,01	6,36
16	8,00	8,80	6,40	13,60	9,60
20	12,50	13,75	10,00	21,25	15,00
22	15,00	16,50	12,00	25,50	18,00
26	21,20	23,32	16,96	36,04	25,44
32	31,50	34,65	25,20	53,55	37,80

NOTE: 4:1 safety factor. Maximum load capacities only refer to the normal conditions of use with loads evenly distributed on each leg.

Wear caused by rubbing against other objects usually occurs on the outside of the straight parts of the links, where it is easily visible and measurable. Wear between adjacent links is hidden. The chain should be loosened and the adjacent links should be turned to make visible the both inner sides of the link. Wear between links is measured by taking the indicated diameter (d1) and the diameter at 90° (d2), and it is admissible if the average of these diameters are not less than 90% of the nominal diameter (dn).



## >>> Cable chains

At [www.rodavigo.net](http://www.rodavigo.net) Family: Maintenance and transportation  
Product: Cable chain

GENERAL

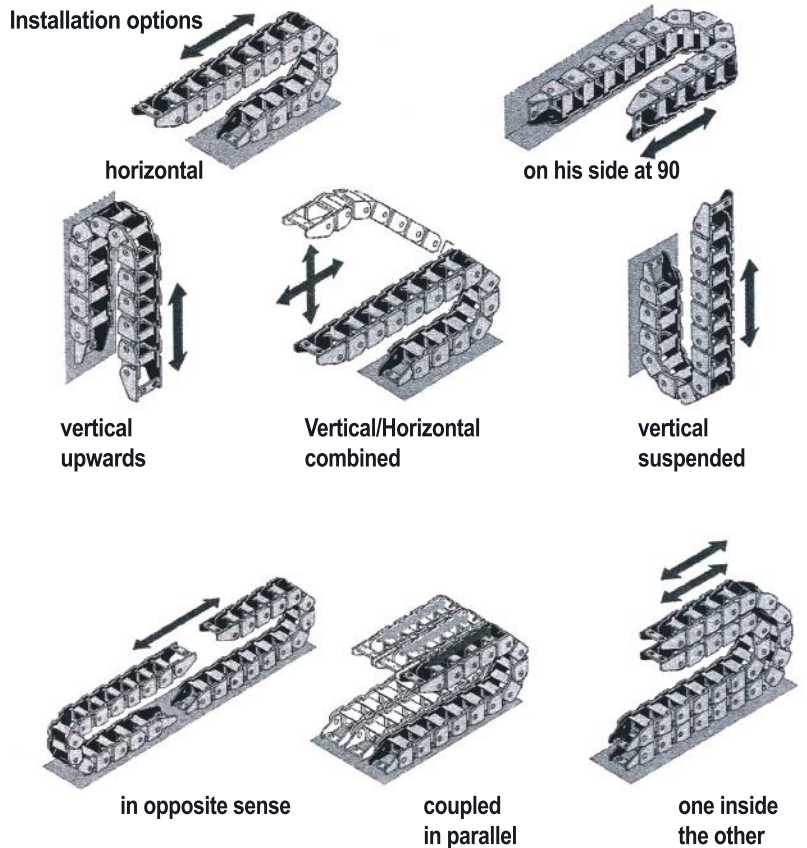
Product 049

### Installation

Plastic cable chains, or combined with other materials, can be installed practically in any application that requires low weight and high mechanical resistance and the environment requires or allows the use of plastic.

However, if the application exceeds the parameters of recommended use, we have a wide range of steel chains that cover all possible applications.

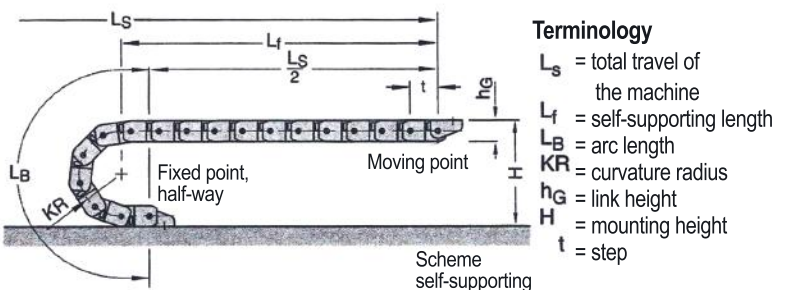
### Installation options



If the chosen section of the chain is not enough roomy to house your cables or hoses of your application. You could separate your conductors into several cable-holders chains installed in opposite sense, coupled in parallel or overlapping.

Fixed point must be located at the half-way point. It's results in a more economic configuration.

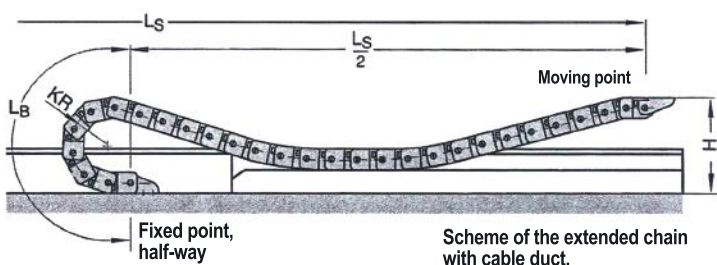
Fixed point must be located at the half-way point. It's results in a more economic configuration.



**Length calculation of the chain -  $L_k$**   
Adjust chain pitch.

$$L_k \approx \frac{L_s}{2} + L_B$$

$$L_B = KR \times \pi + 2t$$





## >>> Cable chains

### Light series

At www.rodavigo.net Family: Maintenance and transportation  
Product: Cable chain



### Light series

**Product 049**

New series of Stendalto patents of small and medium dimensions chains for applications where performance is required and loads are considerable.

They can also be used to avoid wear in long travels with the appropriate channel.

Series	Internal width	Internal height	External width	External height	Radius of curvature	Opening	
	from - to	from - to	from - to	from - to	from - to	Int. radius	Ext. radius
SR200	12 - 35	12 - 12	18 - 41	15 - 15	18 - 40	-	-
SR250	15 - 15	18 - 18	23 - 23	22 - 22	40 - 40	-	-
SR250L	15 - 50	17 - 17	26 - 61	23 - 23	28 - 100	-	-
SR250LE	15 - 50	17 - 17	26 - 61	23 - 23	28 - 100	-	X
SR250LI	15 - 50	17 - 17	26 - 61	23 - 23	28 - 100	X	-
SR30090	18 - 18	18.5 - 18.5	29 - 29	23.5 - 23.5	33 - 100	-	-
SR30091	25 - 25	18.5 - 18.5	36 - 36	23.5 - 23.5	33 - 100	-	-
SR30092	38 - 38	18.5 - 18.5	49 - 49	23.5 - 23.5	33 - 100	-	-
SR325	40 - 103	25.5 - 25.5	55 - 118	37 - 37	50 - 150	-	-
SR325A	40 - 103	25.5 - 25.5	57 - 120	37 - 37	50 - 150	-	X
SR325L	40 - 103	25 - 25	57 - 120	38 - 38	50 - 150	-	-
SR325LE	40 - 103	25 - 25	57 - 120	38 - 38	50 - 150	-	X
SR325LI	40 - 103	25 - 25	57 - 120	38 - 38	50 - 150	X	-
SR339	40 - 76	39 - 39	60 - 96	50 - 50	50 - 100	-	-

### Medium series



### Medium series

**Product 049**

Traditional chains Stendalto patents of small and medium dimensions are characterized for his exclusive sealed with yellow pins.

They offer the maximum guarantees with large loads and movements with high speed and acceleration.

Series	Internal width	Internal height	External width	External height	Radius of curvature	Opening	
	from - to	from - to	from - to	from - to	from - to	Int. radius	Ext. radius
SR300	14 - 36	14 - 36	30 - 52	23 - 23	40 - 120	-	-
SR300A	15 - 75	15 - 75	27 - 87	23 - 23	40 - 120	X	-
SR305	30 - 50	30 - 50	52 - 72	30 - 30	50 - 150	-	-
SR305A	30 - 50	30 - 50	54 - 74	30 - 30	50 - 150	X	-
SR355	45 - 95	45 - 95	74 - 124	45 - 45	75 - 200	-	-
SR355A	45 - 95	45 - 95	74 - 124	43 - 43	75 - 200	X	-
SR400	40 - 60	40 - 60	62 - 82	35 - 35	50 - 150	X	-
SR435ME	40 - 150	40 - 150	60 - 170	49 - 49	60 - 200	-	X
SR435MI	40 - 150	40 - 150	60 - 170	49 - 49	60 - 200	X	-
SR445ME	50 - 362	50 - 362	72 - 384	64 - 64	75 - 300	-	X
SR445MI	50 - 362	50 - 362	72 - 384	64 - 64	75 - 300	X	-
SR475ME	74 - 498	74 - 498	112 - 536	100.5 - 100.5	150 - 400	-	X
SR475MI	74 - 498	74 - 498	112 - 536	100.5 - 100.5	150 - 400	X	-
SR660A	50 - 362	50 - 362	75 - 387	55 - 55	100 - 250	X	-
SR770A	45 - 357	45 - 357	80 - 392	78 - 78	130 - 300	X	-

# MAINTENANCE AND TRANSPORTATION

## >>> Cable chains

At [www.rodavigo.net](http://www.rodavigo.net)

Family: Maintenance and transportation  
Product: Cable chain

Heavy series



### Heavy series

Product 049

Heavy chains series are characterised for adding three pins and a great strength in the mesh. They can withstand significant additional loads and movements with high speed and acceleration.

Series	Internal width	Internal height	External width	External height	Diameter holes	Radius of curvature	Opening	
	from - to	from - to	from - to	from - to	from - to	Int. radius - Ext. radius	Int. radius - Ext. radius	

SR306B	75 - 300	30 - 30	115 - 340	55 - 55	0 - 0	75 - 300	-	-
SR306F	0 - 0	0 - 0	89 - 214	55 - 55	17 - 25	75 - 300	-	-
SR306SE	43 - 355	37 - 37	79 - 391	55 - 55	0 - 0	75 - 300	-	X
SR306SI	43 - 355	37 - 37	79 - 391	55 - 55	0 - 0	75 - 300	X	-
SR307B	75 - 300	40 - 40	117 - 342	64 - 64	0 - 0	75 - 250	-	-
SR307F	0 - 0	0 - 0	113 - 279	64 - 64	23 - 34	75 - 250	-	-
SR307SE	42 - 354	47 - 47	80 - 392	64 - 64	0 - 0	75 - 250	-	X
SR307SI	42 - 354	47 - 47	80 - 392	64 - 64	0 - 0	75 - 250	X	-
SR308B	100 - 300	48 - 48	156 - 356	75 - 75	0 - 0	150 - 400	-	-
SR308F	0 - 0	0 - 0	132 - 285	75 - 75	25 - 34	150 - 400	-	-
SR308SE	38 - 350	57 - 57	82 - 394	75 - 75	0 - 0	150 - 400	-	X
SR308SI	38 - 350	57 - 57	82 - 394	75 - 75	0 - 0	150 - 400	X	-
SR309B	100 - 400	70 - 70	156 - 456	100 - 100	0 - 0	200 - 500	-	-
SR309SE	64 - 488	75.5 - 75.5	120 - 544	100 - 100	0 - 0	200 - 500	-	X
SR309SI	64 - 488	75.5 - 75.5	120 - 544	100 - 100	0 - 0	200 - 500	X	-
SR310T	200 - 600	112 - 112	260 - 660	150 - 150	0 - 0	200 - 750	-	-

Robot series



### Robot series

Product 049

In addition to traditional such as horizontal and vertical chains. Stendalto proposes his product Robot Series for rotational movements like his welding and painting robot.

Series	Internal width	Internal height	External width	External height	Radius of curvature	Opening	
	from - to	from - to	from - to	from - to	from - to	Int. radius - Ext. radius	Int. radius - Ext. radius

SR495	45 - 45	35 - 35	69 - 69	45 - 45	100 - 100	X	-
SR500	65 - 65	30 - 30	93 - 93	43 - 43	100 - 150	X	-
SR510TN	88 - 88	46 - 46	132 - 132	55 - 55	125 - 125	X	-
SR515TN	88 - 88	46 - 46	132 - 132	55 - 55	175 - 175	X	-
SR545	100 - 100	46 - 46	123 - 123	62 - 62	100 - 100	X	-
SR599	210 - 210	59 - 59	272 - 272	85 - 85	220 - 220	-	-

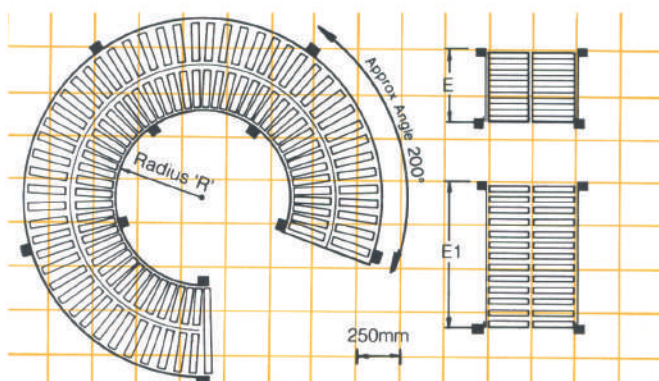


## >>> Modular elements

### Technical characteristics

At www.rodavigo.net Family: Maintenance and transportation  
Product: Rollers

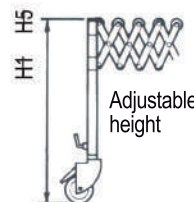
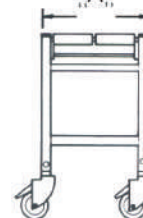
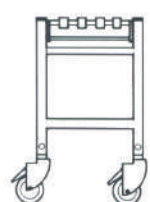
#### Product 513



Adjustable supports  
Zinc plated finish

Max width

Legs height



ADJUSTABLE HEIGHT (m / m)				
H1	H2	H3	H4	H5
508-710	610-914	710-1118	914-1524	1118-1930

### Roller conveyor type

Length		Width (RL)				Load capacity
Closed	Extend.	Model	Model	Model	Model	
E	E1	300	400	500	600	
m		mm				
0,74	1,5	ME10301	ME10401	ME10501	ME10601	120 Kg/m
1,45	3,0	ME10302	ME10402	ME10502	ME10602	Note: Loading dynamic with the way totally extended
2,14	4,5	ME10303	ME10403	ME10503	ME10603	
2,80	6,0	ME10304	ME10404	ME10504	ME10604	
3,50	7,5	ME10305	ME10405	ME10505	ME10605	
4,27	9,0	ME10306	ME10406	ME10506	ME10606	

Supplied with H3 standardized height. See illustration above in case of variation.

### Sheave conveyor type

Length		Width (RL)				Load capacity
Closed	Extend.	Model	Model	Model	Model	
E	E1	300	400	500	600	
m		mm				
0,50	1,5	ME20301	ME20401	ME20501	ME20601	90 Kg/m
0,90	3,0	ME20302	ME20402	ME20502	ME20602	Note: Loading dynamic with the way totally extended
1,30	4,5	ME20303	ME20403	ME20503	ME20603	
1,70	6,0	ME20304	ME20404	ME20504	ME20604	
2,10	7,5	ME20305	ME20405	ME20505	ME20605	
2,15	9,0	ME20306	ME20406	ME20506	ME20606	

Supplied with H3 standardized height. See illustration above in case of variation.

### Flexittrak: Dimensions

Width (RL)	Per axis		Radio (R)		Width
	Sheaves	Rollers	Sheaves	Rollers	
mm nom.					Maxi "A"
410	3-5	1	370	570	530
510	4	2	300	460	630
610	5	2	330	500	730
722	6	2	360	540	842

**EXTRAS:** End stop  
Galvanized steel rollers.  
Connection elements.





# MAINTENANCE AND TRANSPORTATION

## >>> Balancers

At [www.rodavigo.net](http://www.rodavigo.net)

Family: Maintenance and transportation  
Product: Balancers and spare parts

TECNA balancers

### 0.4 / 3 Kg Light Series Balancer.

#### Characteristics

- Rugged construction, cast aluminium body.
- Stainless steel rope
- Adjustable load capacity
- Auxiliary safety suspension
- Adjustable stroke limiting device
- Cable guide in antifriction material
- Inert spring drum assembly
- Polyamides thimble
- CE marked

Code	Capacity (Kg.)	Weight (Kg.)	Stroke (mm)
1649311	0,4-1	0,6	1600
1649312	1-2	0,6	1600
1649313	2-3	0,7	1600



### 1 / 8Kg medium series balancer.

#### Characteristics

- Rugged construction, cast aluminium body.
- Stainless steel rope
- Adjustable load capacity
- Auxiliary safety suspension
- Safety device against load dropping due to the spring breakage.
- Adjustable stroke limiting device
- Cable guide in antifriction material
- Inert spring drum assembly
- Polyamides thimble
- CE marked

Code	Capacity (Kg.)	Weight (Kg.)	Stroke (mm)
1649320	1-2,5	2	2000
1649321	2-4	2	2000
1649322	4-6	2,3	2000
1649323	6-8	2,5	2000



### Medium long series balancer ce 4-14Kg.

#### Characteristics

- Rugged construction, cast aluminium body.
- Stainless steel rope
- Adjustable load capacity
- Auxiliary safety suspension
- Safety device against load dropping due to the spring breakage.
- Adjustable movement that limits the device
- Cable guide in antifriction material
- Inert spring drum assembly
- Polyamides thimble

Code	Capacity (Kg.)	Weight (Kg.)	Stroke (mm)
1649336	2-4	2,9	2500
1649337	4-6	3,2	2500
1649338	6-8	3,5	2500
1649339	8-10	3,7	2500
1649340	10-14	4	2500



### Mid-Series Balancer with Lock 2-10Kg.

#### Characteristics

- Rugged construction, cast aluminium body.
- Stainless steel rope
- Adjustable load capacity
- Auxiliary safety suspension
- Safety device against load dropping due to the spring breakage.
- Adjustable movement that limits the device
- Cable guide in antifriction material
- Inert spring drum assembly
- Polyamides thimble

Code	Capacity (Kg.)	Weight (Kg.)	Stroke (mm)
1649346	2-4	3	2500
1649347	4-6	3,3	2500
1649348	6-8	3,6	2500
1649349	8-10	3,8	2500
1649350	10-14	4	2500



### Balancer Intermediate series of 4-25 Kg.

#### Characteristics

- Rugged construction, cast aluminium body.
- Stainless steel rope
- Adjustable load capacity
- Auxiliary safety suspension
- Safety device against load dropping due to the spring breakage.
- Upper rotary suspension with safety hook.
- Locking device to block the load at any height.
- Adjustable stroke limiting device
- Taper drum rotating on ball bearings.
- Cable guide in antifriction material
- Inert spring drum assembly
- Polyamide thimble
- CE marked

Code	Capacity (Kg.)	Weight (Kg.)	Stroke (mm)
1649354	4-7	5	2000
1649355	7-10	5,5	2000
1649356	10-14	5,5	2000
1649357	14-18	6,5	2000
1649358	18-22	6	2000
1649359	22-25	6,6	2000



### Balancer Intermediate series of 4-25 Kg.

#### Characteristics

- Ribbed and sealed monobloc construction in aluminium alloy.
- Stainless steel rope
- Adjustable capacity by means of a worm screw.
- Auxiliary safety suspension.
- Safety device against load dropping due to the spring breakage (>3kg).
- Upper rotary suspension with safety hook.
- Locking device to lock the load to any height.
- Adjustable stroke limiting device.
- Taper drum rotating on ball bearings.
- Cable guide of antifriction material.
- Rotary upper hook with ball bearings
- Polyamides thimble

Code	Capacity (Kg.)	Weight (Kg.)	Stroke (mm)
1649361	10-15	10,3	2000
1649362	15-20	10,6	2000
1649363	20-25	11,2	2000
1649364	25-30	11,5	2000
1649365	30-35	11,8	2000
1649366	35-45	12,4	2000
1649367	45-55	12,5	2000
1649368	55-65	13,6	2000
1649369	65-75	14,5	2000





## >>> Slings



Slings

At [www.rodavigo.net](http://www.rodavigo.net) Family: Maintenance and transportation  
Product: Spanset slings



from 2m

515B60002



**Codes**

from 3m

515B60004



from 5m

515B60005

### Flat slings

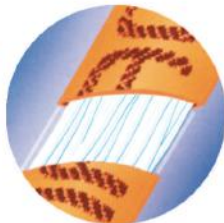
#### Maximum durability, maximum performance

- 1. New Polymix Flock gauze with padded lining fiber 5 times more resistant.
- 2. New fabric 3 times more resistant to wear and tear with new polyurethane protection layer.
- 3. New side protection 3 times more cut resistance due to its monofilament.
- 4. C.M.U. always indentifiable due to its embroidered belt is sewn into the sling. Textile sections of 30 mm spike-shaped.
- 5. Permanent control. Impossible to lose security label. 500 times more resistant.



from 2m

515SUPRA30002



**Codes**

from 3m

515SUPRA40003



from 5m

515SUPRA50005

### Round slings

- 1. Workload indicator is always legible, even through much dirt.
- 2. Reinforced monofilament protective sleeve: 70% higher cut resistance.
- 3. (Only Supra) Strong ribs. Reinforcing ribs in the holster. 17 times better abrasion resistance than the conventional slings. Supra Plus and Magnum Plus.
- 4. Crease free: more compact, more manageable and less wear.
- 5. Permanent control. Impossible to lose security label. 500 times more resistant.

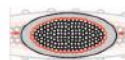
## The new dimension in lifting technology



515MAGNUMX400004  
515MAGNUMX400005  
515MAGNUMX400008  
515MAGNUMX4000010

515MAGNUMX500004  
515MAGNUMX500005  
515MAGNUMX500008  
515MAGNUMX5000010

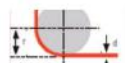
515MAGNUMX600004  
515MAGNUMX600005  
515MAGNUMX600008  
515MAGNUMX6000010



X-tremely compact



X-tremely tough



X-tremely light



X-tremely identifiable



X-tremely verifiable





# MAINTENANCE AND TRANSPORTATION

SpanSet®

>>> Slings

At [www.rodavigo.net](http://www.rodavigo.net)

Family: Maintenance and transportation  
Product: Spanset slings

Mooring systems



## Codes

9m standard with 1 nail terminal:

515SP5TFI2012019

## Basic and efficient

Tension lever can never open unintentionally.  
Provides good resistance against corrosion.  
Less than 7%, according to the specifications of the new standard EN 12195-2.  
TFI pretension gauge patented for SpanSet shows directly the real pretension achieved in the tensor. It causes better safety and economy in the use of this lashing systems.



Terminal ABS-2-01201



## Codes

9m standard with 1 nail terminal:

515EURO2012019

## The lashing that holds it all

Reduced pitch tooth reduce wear and allow increase the pretension, more pressure against the floor of the truck and the load is better immobilized.  
Longer life: the blue epoxy resin coating protects the lashing of the worst atmospheric conditions, mud, ice ...  
Less than 7%, according to the specifications of the new standard EN 12195-2.  
Tension lever lock acts simultaneously on the reel and the locking spring. Neither potholes nor vibrations loosen the load.



Terminal ABS-2-01201



## Codes

9m standard with 1 nail terminal:

515ABS2012019

## The best mooring system for more demanding user

Double effect tooth, more pressure against the floor of the truck. The load is better immobilized.  
Longer life: the blue epoxy resin coating protects lashing of the worst atmospheric conditions, mud, ice ...  
Less than 4%, according to the specifications of the new standard EN 12195-2. Less need for the lashing to be tightened.  
It allows gradual loosen of the load: That's avoid unexpected falls of the load which have been moved during the transportation or the tape jump against the user for an abrupt tension reduction.



Terminal ABS-2-01201



## Codes

9m standard with 1 nail terminal:

515ERGO2012012

## Ergonomic. Its safety takes care of your back.

More achievable pretension, less need in the number of the lashings and longer duration:  
Less pressure on the ratchet due to the wide tooth. This reduces wear.  
Less than 4%, according to the specifications of the new standard EN 12195-2. Less need for the lashing to be tightened, it allows gradual loosen of the load: That's avoid unexpected falls of the load which have been moved during the transportation or the tape jump against the user for an abrupt tension reduction.



Terminal ABS-2-01201



## >>> Ropes and harnesses

**SpanSet®**

Ropes and harnesses

 At [www.rodavigo.net](http://www.rodavigo.net) Family: Maintenance and transportation  
 Product: Spanset slings


### Ergo horizontal polyester lifeline

Highly versatile temporary lifeline.  
 Made of 36mm polyester band. With wear indicator.  
 Adjustable in length. Maximum length 20m.  
 It requires accessories for connection with the supporting structure.  
 The supporting structure must support at least 15kN. EN 795, Class C.

 Terminals with bends  
 Terminals with hooks

**Code** 515EN795GZ  
**Code** 515EN795GC


### Ergo vertical polyester lifeline

16 mm diameter polyamide rope.  
 Superior fixation by hook with double action safety lock and double metal ring.  
 Sliding device with automatic lock, shock absorber and hooking device.  
 Standar length 10m., Other lenghts upon request.  
 EN 353-2.

**Code** 515EN3532


### Ergo 2P

Light and simple fall arrest harness with 2 attachment points, on the back and chest.  
 Adjustable on the chest, shoulders and legs.  
 In accordance with EN 361.  
 Stable structure in triangular distribution which makes easy to dress for the user, tapes difficult to entangle each other when it's stored and keep tapes in the proper place of the body, in despite of the user movements.  
 45 mm chest belt width allows better weight distribution while reducing the harness hang syndrome in case of fall.  
 100% high quality polyester and stainless steel buckles and fasteners. Stainless steel does not have the zinc plated steel problems (abrasion, chemicals, etc).

**Code** 515ERGO2P


### BH1 harness with a fastener point

45 mm belt width  
 Adjustable on legs and chest.  
 100% high quality polyester and stainless steel terminals.  
 According to EN361.  
 Chest belt width and better width distribution while reducing the harness hang syndrome in case of fall.  
 Stainless steel does not have the zinc plated steel problems (abrasion, chemicals, etc).  
 Polyester have the following advantages in comparison with polyamide:  
 - Great uv rays resistance.  
 - Great putrefaction and mite resistance.  
 - Higher melting-point and softening.

**Code** 515BH1


### SPECTRE harness

Spectre harness with a fastener point on the back.  
 45 mm belt width.  
 Adjustable on legs.  
 High quality 100% polyester and zinc plated steel terminals.  
 According to EN361.  
 Chest belt width and better width distribution while reducing the harness hang syndrome in case of fall.

**Code** 515ESPECTRE

# MAINTENANCE AND TRANSPORTATION

**SpanSet®**

>>> Elevation

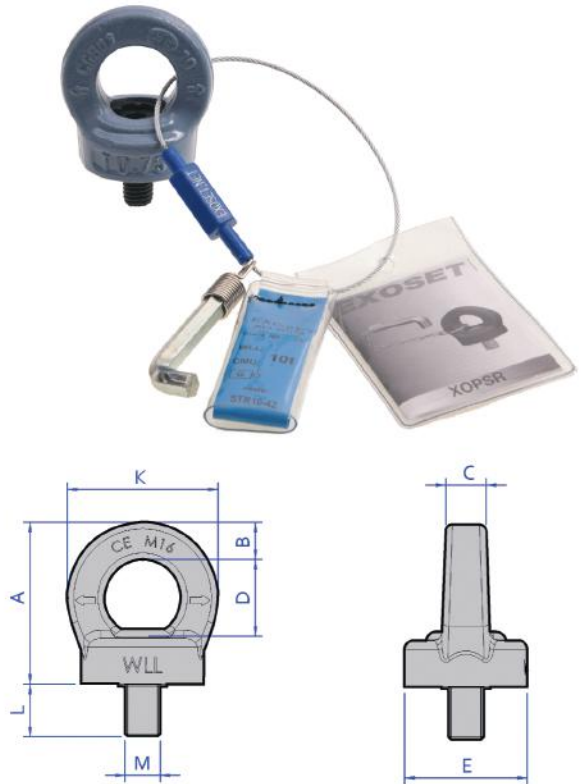
At [www.rodavigo.net](http://www.rodavigo.net) Family: Maintenance and transportation  
Product: Spanset slings

Lifting points

Rotating 360°. Automatic adjustment for homogeneous load distribution.  
Safety factor 4: 1 in all directions of the load  
Screw with lock and key.

Code	0°		90°		0-45°		45-60°	
	1	2	0,4	0,8	0,56	0,4	0,84	0,6
515XOP0008	1	2	0,4	0,8	0,56	0,4	0,84	0,6
515XOP0010	1	2	0,4	0,8	0,56	0,4	0,84	0,6
515XOP0012	2	4	0,75	1,5	1	0,75	1,6	1,12
515XOP0116	4	8	1,5	3	2	1,5	3,15	2,25
515XOP0220	6	12	2,3	4,6	3,22	2,3	4,83	3,45
515XOP0324	8	16	3,2	6,4	4,48	3,2	6,7	4,8
515XOP0430	12	24	4,5	9	6,3	4,5	9,4	6,7
515XOP0736	16	32	7	14	9,8	7	14,7	10,5
515XOP0942	24	48	9	18	12,6	9	18,9	13,5
515XOP1248	32	64	12	24	16,8	12	25,2	18

Code	M	A	B	C	D	E	K	L	KG
		mm	mm	mm	mm	mm	mm	mm	
515XOP0008	M8	52,5	8	10	29	32	45	15	0,30
515XOP0010	M10	52,5	8	10	29	32	45	15	0,30
515XOP0012	M12	64,5	11	11	34	44	56	18	0,46
515XOP0116	M16	72,5	13	14,5	39	56	65	24	0,90
515XOP0220	M20	81	14	17	42	58	70	30	1,15
515XOP0324	M24	98	18	19	52	73	88	36	2,05
515XOP0430	M30	123	22	27	62	80	106	45	4,00
515XOP0736	M36	162	37	38	80	95	154	54	6,70
515XOP0942	M42	188	40	41	90	105	170	63	9,50
515XOP1248	M48	210	45	47	95	120	185	72	13,40



Rotating 360°. Automatic adjustment for homogeneous load distribution.  
Safety factor 4: 1 in all directions of the load

Code	0°		90°		0-45°		45-60°	
	1	2	0,4	0,8	0,56	0,4	0,84	0,6
515XOPL0008	1	2	0,4	0,8	0,56	0,4	0,84	0,6
515XOPL0010	1	2	0,4	0,8	0,56	0,4	0,84	0,6
515XOPL0012	2	4	0,75	1,5	1	0,75	1,6	1,12
515XOPL0116	4	8	1,5	3	2	1,5	3,15	2,25
515XOPL0220	6	12	2,3	4,6	3,22	2,3	4,83	3,45
515XOPL0324	8	16	3,2	6,4	4,48	3,2	6,7	4,8
515XOPL0430	12	24	4,5	9	6,3	4,5	9,4	6,7
515XOPL0736	16	32	7	14	9,8	7	14,7	10,5
515XOPL0942	24	48	9	18	12,6	9	18,9	13,5
515XOPL1248	32	64	12	24	16,8	12	25,2	18

Code	M	A	B	C	D	E	K	L	KG
		mm	mm	mm	mm	mm	mm	mm	
515XOPL0008	M8	52,5	8	10	29	32	45	15	0,30
515XOPL0010	M10	52,5	8	10	29	32	45	15	0,30
515XOPL0012	M12	64,5	11	11	34	44	56	18	0,46
515XOPL0116	M16	72,5	13	14,5	39	56	65	24	0,90
515XOPL0220	M20	81	14	17	42	58	70	30	1,15
515XOPL0324	M24	98	18	19	52	73	88	36	2,05
515XOPL0430	M30	123	22	27	62	80	106	45	4,00
515XOPL0736	M36	162	37	38	80	95	154	54	6,70
515XOPL0942	M42	188	40	41	90	105	170	63	9,50
515XOPL1248	M48	210	45	47	95	120	185	72	13,40



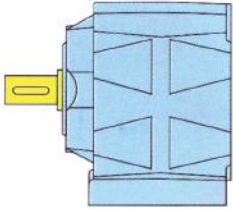


## >>> Gearmotors and reducers

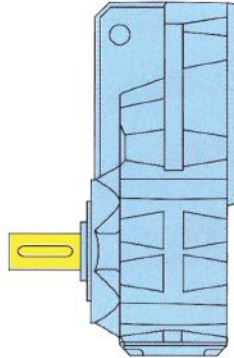
### Reducers

At [www.rodavigo.net](http://www.rodavigo.net) Family: Machine tools  
Product: Gearmotors

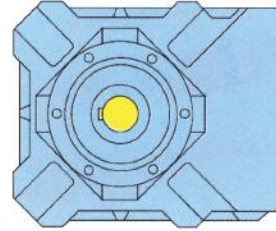
Product 163



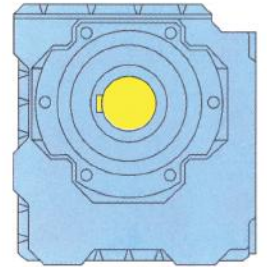
**BG range**  
12 sizes



**BF range**  
9 sizes



**BQ range**  
9 sizes



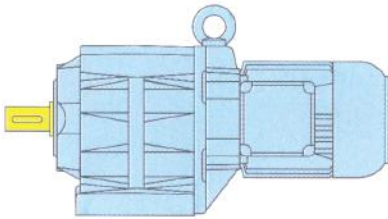
**BS range**  
9 sizes

### Three-phase motor-reducers

### Moto-reducers for direct current

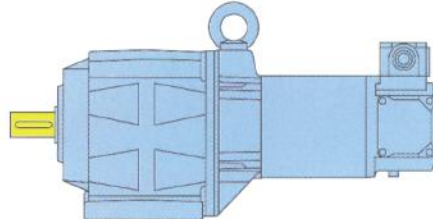
### Three-phase drum motors

Product 163



Powers from 0.06 to 75 kW

Product 163



Powers from 0.04 to 16 kW

Product 512



Powers up to 7.5 kW  
Belt speeds from 0.17 to 3 m / s

### Brakes

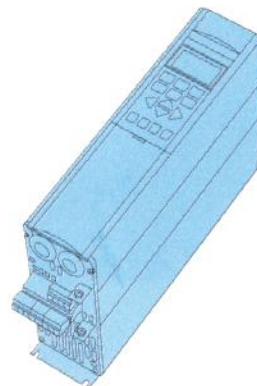
### Frequency converters

Product 163



Single disc and double disc  
for connection to alternating or direct current

Product 163



For motor powers from 0.15 to 75 kW



## >>> Drum Motors

At [www.rodavigo.net](http://www.rodavigo.net) Family: Maintenance and transportation  
Product: Drum Motors

Joki motorized drum motors

### Perfect flexibility

#### Central groove and / or rubber coating

Used to guide conveyor belts with longitudinal profile. The rubber coating is available in black normal rubber or food grade with white rubber and improves drive efficiency, increasing friction between drum housing and conveyor belt.

#### a) Special executions

#### b) Entirely in stainless steel

Drum motor can be supplied in different finishes and materials, for example nickel-plated, fully stainless, epoxy paint, etc.

### V-shape grooves

One or more V-shape grooves can be made in the drum head and be used to guide belts with longitudinal profiles or for belt drive in roller conveyors.

### Multiple grooving

Suitable for round belt drive in roller conveyors, providing a compact and efficient system to drive unit loads.

### Toothed crowns

Can be placed on the housing to drive thermoplastic module belts or conveyors with "table-top" type chains. These applications, generally for the food industry, motorcycles are especially suitable for the stainless steel and tin motor drums.

### V-Shape Belt Driven for Conveyors

The motor-drum is easily adapted to drive normal or accumulation roller conveyors.



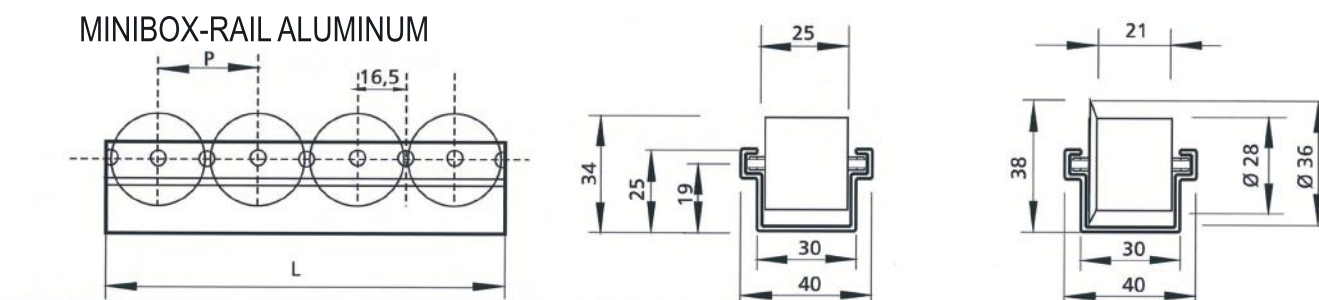
Product 512



## >>> Rolling rails

### Aluminum minibox-rail

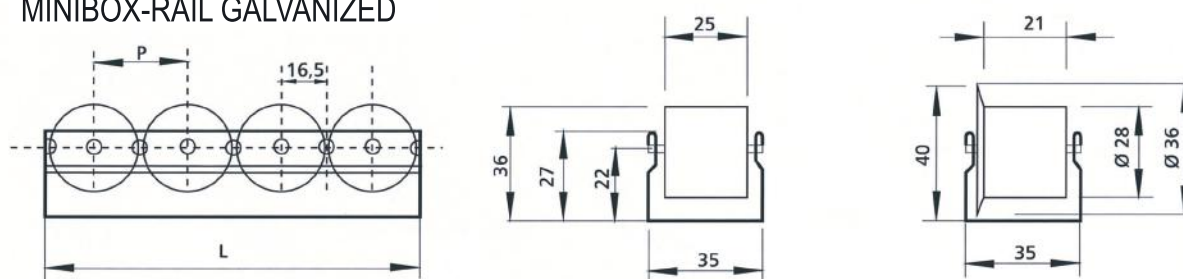
At www.rodavigo.net Family: Maintenance and transportation  
Product: Rollers



Code	Model	Type	Flange	L (mm.)	Pitch (mm.)	Profile Material	Axis Material	Rolling Material	Admissible load
513MBRALD28P331000	Mini Box.Rail aluminum	MBR.AL	NO	1000	33	AL	MET	PVC	100 kgs/mt
513MBRALD28P501000	Mini Box.Rail aluminum	MBR.AL	NO	1000	50	AL	MET	PVC	100 kgs/mt
513MBRALD28ATP501000	Mini Box.Rail aluminum	MBRA.AL	YES	1000	50	AL	MET	PVC	100 kgs/mt

### Galvanized minibox-rail

#### MINIBOX-RAIL GALVANIZED



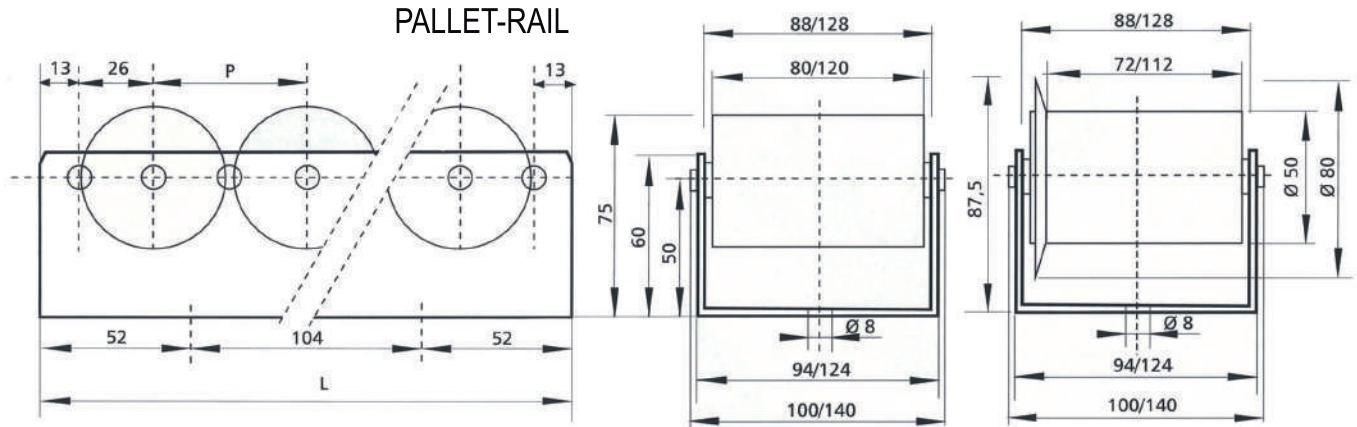
Code	Model	Type	Walloon	L (mm.)	Passed (mm.)	Material Profile	Material Axis	Material Rolling	Load admissible
513MBRDLAD28P331000	Mini Box.Rail galvanized	MBR.DL	NO	1000	33	Galvanized steel	MET	PVC	60 kgs/mt
513MBRDLAD28P501000	Mini Box.Rail galvanized	MBR.DL	NO	1000	50	Galvanized steel	MET	PVC	60 kgs/mt
513MBRDLAD28P661000	Mini Box.Rail galvanized	MBR.DL	NO	1000	66	Galvanized steel	MET	PVC	60 kgs/mt
513MBRDLAD28P501000	Mini Box.Rail galvanized	MBR.DLA	YES	1000	50	Galvanized steel	MET	PVC	60 kgs/mt
513MBRDLAD28P661000	Mini Box.Rail galvanized	MBR.DLA	YES	1000	66	Galvanized steel	MET	PVC	60 kgs/mt
513MBRDLAD28P831000	Mini Box.Rail galvanized	MBR.DLA	YES	1000	83	Galvanized steel	MET	PVC	60 kgs/mt

# MAINTENANCE AND TRANSPORTATION

## >>> Rolling rails

At [www.rodavigo.net](http://www.rodavigo.net) Family: Maintenance and transportation  
Product: Rollers

Pallet rail



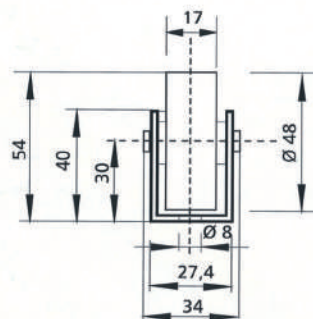
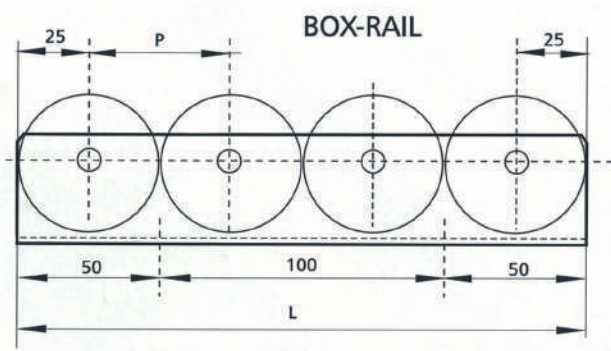
Code	Model	Type	Flange	L (mm.)	Width (mm.)	Pitch (mm.)	Profile Material	Material Axis	Rolling Material	Admissible load
513PRG250PIM0800522912	Pallet-rail	PRG	NO	2912	80	52	Galvanised steel	SS	PVC	500 kgs/mt
513PRG250PIM0801042912	Pallet-rail	PRG	NO	2912	80	104	Galvanised steel	SS	PVC	500 kgs/mt
513PRG250PIM0801042912A	Pallet-rail	PRG	YES	2912	80	104	Galvanised steel	SS	PVC	500 kgs/mt
513PRG250PIM1200522912	Pallet-rail	PRG	NO	2912	120	52	Galvanised steel	SS	PVC	500 kgs/mt
513PRG250PIM1201042912	Pallet-rail	PRG	NO	2912	120	104	Galvanised steel	SS	PVC	500 kgs/mt
513PRG250PIM1201042912A	Pallet-rail	PRG	YES	2912	120	104	Galvanised steel	SS	PVC	500 kgs/mt
513PRG250PII0800522912	Pallet-rail	PRG	NO	2912	80	52	SS	SS	PVC	500 kgs/mt
513PRG250PII0801042912	Pallet-rail	PRG	NO	2912	80	104	SS	SS	PVC	500 kgs/mt
513PRG250PII0801042912A	Pallet-rail	PRG	YES	2912	80	104	SS	SS	PVC	500 kgs/mt
513PRG250PII1200522912	Pallet-rail	PRG	NO	2912	120	52	SS	SS	PVC	500 kgs/mt
513PRG250PII1201042912	Pallet-rail	PRG	NO	2912	120	104	SS	SS	PVC	500 kgs/mt
513PRG250PII1201042912A	Pallet-rail	PRG	YES	2912	120	104	SS	SS	PVC	500 kgs/mt
513PRG250MMM0800522912	Pallet-rail	PRG	NO	2912	80	52	Galvanised steel	MET	MET	500 kgs/mt
513PRG250MMM0801042912	Pallet-rail	PRG	NO	2912	80	104	Galvanised steel	MET	MET	500 kgs/mt
513PRG250MMM0801042912A	Pallet-rail	PRG	YES	2912	80	104	Galvanised steel	MET	MET	500 kgs/mt
513PRG250MMM1200522912	Pallet-rail	PRG	NO	2912	120	52	Galvanised steel	MET	MET	500 kgs/mt
513PRG250MMM1201042912	Pallet-rail	PRG	NO	2912	120	104	Galvanised steel	MET	MET	500 kgs/mt
513PRG250MMM1201042912A	Pallet-rail	PRG	YES	2912	120	104	Galvanised steel	MET	MET	500 kgs/mt
513PRG250III0800522912	Pallet-rail	PRI	NO	2912	80	52	SS	SS	SS	500 kgs/mt
513PRG250III0801042912	Pallet-rail	PRI	NO	2912	80	104	SS	SS	SS	500 kgs/mt
513PRG250III0801042912A	Pallet-rail	PRI	YES	2912	80	104	SS	SS	SS	500 kgs/mt
513PRG250III1200522912	Pallet-rail	PRI	NO	2912	120	52	SS	SS	SS	500 kgs/mt
513PRG250III1201042912	Pallet-rail	PRI	NO	2912	120	104	SS	SS	SS	500 kgs/mt
513PRG250III1201042912A	Pallet-rail	PRI	YES	2912	120	104	SS	SS	SS	500 kgs/mt
513PRG250PMM0800522912	Pallet-rail	PRG	NO	2912	80	52	Galvanised steel	MET	PVC	500 kgs/mt
513PRG250PMM0801042912	Pallet-rail	PRG	NO	2912	80	104	Galvanised steel	MET	PVC	500 kgs/mt
513PRG250PMM0801042912A	Pallet-rail	PRG	YES	2912	80	104	Galvanised steel	MET	PVC	500 kgs/mt
513PRG250PMM1200522912	Pallet-rail	PRG	NO	2912	120	52	Galvanised steel	MET	PVC	500 kgs/mt
513PRG250PMM1201042912	Pallet-rail	PRG	NO	2912	120	104	Galvanised steel	MET	PVC	500 kgs/mt
513PRG250PMM1201042912A	Pallet-rail	PRG	YES	2912	120	104	Galvanised steel	MET	PVC	500 kgs/mt



## >>> Rolling rails

Box-Rail CR-48

At www.rodavigo.net Family: Maintenance and transportation  
Product: Rollers

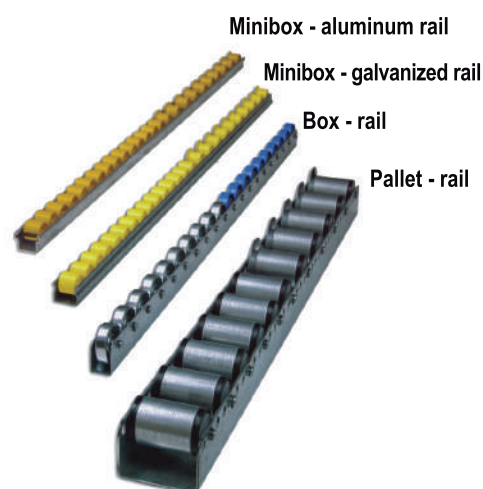


Code	Model	Type	Flange	L (mm.)	Pitch P (mm.)	Profile Material	Axis Material	Rolling Material	Admissible load
513BRGCR48PMP0521000	Box.Rail CR48	BRG.CR48	NO	1000	52	Galvanised steel	MET	PVC	200 kgs/mt
513BRGCR48PMP1041000	Box.Rail CR48	BRG.CR48	NO	1000	104	Galvanised steel	MET	PVC	200 kgs/mt
513BRGCR48PIP0521000	Box.Rail CR48	BRG.CR48	NO	1000	52	Galvanised steel	SS	PVC	200 kgs/mt
513BRGCR48PIP1041000	Box.Rail CR48	BRG.CR48	NO	1000	104	Galvanised steel	SS	PVC	200 kgs/mt
513BRGCR48MMP0521000	Box.Rail CR48	BRG.CR48	NO	1000	52	Galvanised steel	MET	MET	200 kgs/mt
513BRGCR48MMP1041000	Box.Rail CR48	BRG.CR48	NO	1000	104	Galvanised steel	MET	MET	200 kgs/mt
513BRICR48PIP0521000	Box.Rail CR48	BRI.CR48	NO	1000	52	SS	SS	PVC	200 kgs/mt
513BRICR48PIP1041000	Box.Rail CR48	BRI.CR48	NO	1000	104	SS	SS	PVC	200 kgs/mt

### Other settings

There are different configurations. Check our prices and supply possibilities.

Model	L mts.	Pitch mm P				Profile material			Shaft material		Rolling Material			Maximum admissible load with uniform distribution according to the material. Kgs/mts
		33	50	52	104	Galva Steel	Stainless steel	Al	Zn Steel	Stainless steel	PLP	Met	SS	
Mini Box. Rail Aluminum	1 / 2 / 3	X		X				X		X	X			100
Mini Box. Rail Galvanized	1 / 2 / 3	X		X		X			X		X			60
Box. Rail	1 / 2 / 3		X			X	X		X	X	X	X		200
Pallet. Rail	1 / 2 / 3			X	X	X	X		X	X	X	X	X	500



# MAINTENANCE AND TRANSPORTATION

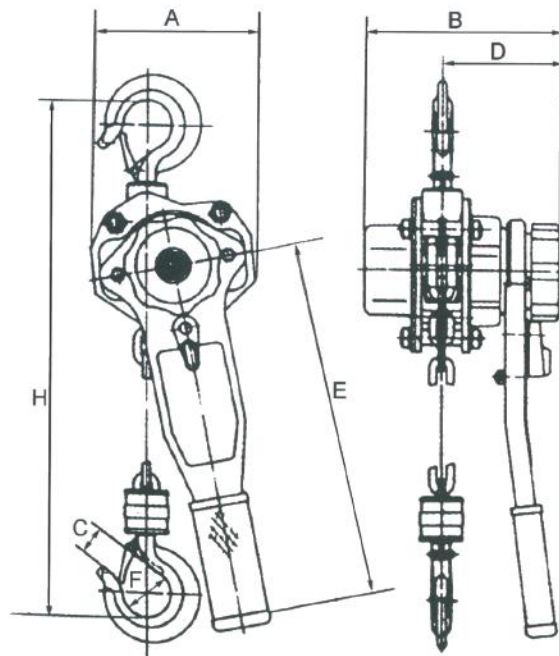


## >>> Hoists

At [www.rodavigo.net](http://www.rodavigo.net) Family: Food and transportation  
Product: Slings-Hoists and industrial cables

700 Series Lever Hoist

Code	Capacity	Standard Height Elevation	Number of branches	Maximum effort over lever	Standard mass of the equipment	Chain diameter	Dimensions						
							A	B	C	D	E	F	H minimum
	kg	m		kg	kg	mm	mm						
516PJ700750	750	1,50	1	16	6,5	6	132	150	20	93	280	36	300
516PJ7001500	1.500	1,50	1	18	11	8	160	174	26	103	410	41	360
516PJ7003000	3.000	1,50	1	31	18	10	185	200	32	112	410	48	470
516PJ7006000	6.000	1,50	2	33	30	10	230	200	41	112	410	63	565



## >>> Powered rollers

At www.rodavigo.net Family: Maintenance and transportation  
Product: Rollers



### Powered Rollers (Rollerdrives)

#### Product 513

Reference	Description	Speed of maximum transport	Speed transport max.	Force tangential	Throat	PVC pipe
BT50	24V direct current motor with brushes (brushtupe).	1,27 m/s aprox.	aprox. 1.500 N	180 N	●	●
BT50IP66	24 V DC motor with brushes protection type: IP66	1,27 m/s aprox.	aprox. 1.500 N	180 N	●	●
KXO	24 DC Conical RollerDrive BT or BI Motor	1,27 m/s aprox.	aprox. 1.500 N		●	
BL50	24 V DC brushless motor	1,52 m/s aprox.	aprox. 1.500 N	140 N	●	●

## >>> Steel rollers



### Steel conveyor rollers. 1200 series

#### Product 513

#### Characteristics

- Rollers with special bearings, zinc-plated bearing shells with hardened running grooves.
- Safety bearing housing.
- The tube ends are rounded, thereby allowing materials to be easily moved on from the side.
- Anti-static roller
- The roller is designed for use in a very broad temperature range from -28 to +80 degree Celsius.

#### Loading capacity

-Max. load capacity 1200N.

#### Dimensions

##### Tube

Zinc-plated steel, stainless steel, aluminum with 30, 40, 50 or 80 mm external diameter.

##### Shaft

Uncoated steel, zinc-plated steel, stainless steel.

Spring-loaded shaft 8, 10, 12 or 14 mm diameter or 11 mm hexagonal in 50 mm tubes.

With spring in both sides 12 or 14 mm diameter.

Female threaded shaft 8, 10, 12 or 14 mm diameter.

Internal thread shaft (m8x15), diameter 12 or 14 m.

#### Bearing

Zinc-plated steel bearing housing. Bearing version. Steel ball bearing with hardened running grooves oiled to 40 mm diameter, greased from 50 mm diameter.

#### Options

Tube sleeves.

PVC sleeve, PU sleeve, lagging.

■ = STANDARD



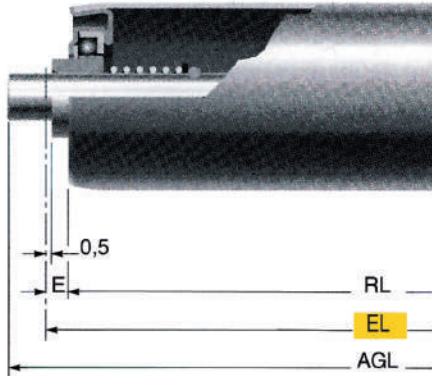
# MAINTENANCE AND TRANSPORTATION

At [www.rodavigo.net](http://www.rodavigo.net) Family: Maintenance and transportation  
Product: Rollers

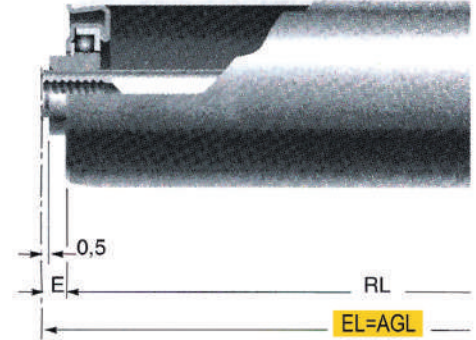
## >>> Steel rollers

### Product 513

#### Spring-loaded shaft



#### Female threaded shaft



Standard article reference. 1200 series, with spring-loaded shaft

### Product 513

ØShaft	ØRollers	ØEL=RL+	AGL=EL+	E	ØTube	Tube dimension	Bearing execution	Spring-loaded shaft	
mm						Ø mm		Ø8 mm	Ø10 mm
8	30	6	16	3	Zinc plated steel	30x1,2	ITRL ball bearing	12A2J14E9F	
10	50	10	20	5		50x1,5	ITRL ball bearing		12AHJ54H90

Standard article reference. 1200 series, with female threaded shaft

### Product 513

ØShaft	Thread	ØRollers	EL=RL+	E	Tube	Tube dimension	Bearing execution	Female threaded shaft	
mm						Ø mm		Ø12 mm	
12	M8X15	50	10	5	Zinc plated steel	50x1,5	ITRL ball bearing	12ALJ54L63	

### Load capacity (in N)

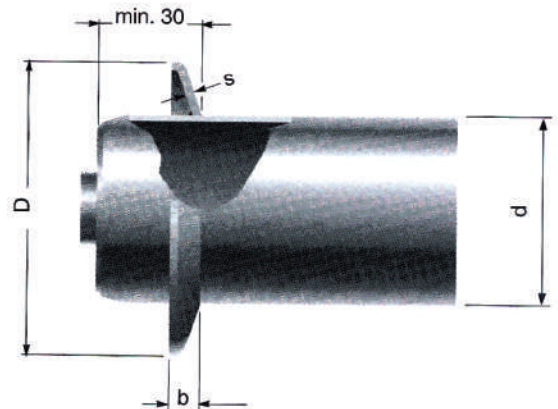
Assumption: dynamic load, evenly distributed

### Options

EI	Steel tube Ø30x1.2 mm loose installation	Steel tube Ø50x1.5 mm loose installation	Steel tube Ø50x1.5 mm screw-connected installation
mm	Ø8mm	Ø10mm	Ø12mm
100	120	1000	1000
200	120	1000	1000
300	120	1000	1000
400	120	1000	1000
500	120	1000	1000
600	120	1000	1000
700	120	1000	1000
800	120	920	1000
900	120	825	1000
1000		750	1000
1200		640	780
1400		560	570
1600		440	440

- With spring on both sides

d	D	S	b
mm			
Ø50	Ø75	3	8



Max. conveyor speed 0.3 m/s for 30 mm diameter tube and 0.8 m/s for 50 mm diameter tube.

## >>> Stainless steel rollers

At www.rodavigo.net Family: Maintenance and transportation  
Product: Rollers



### Steel bearing conveyor rollers. 1500 series

#### Characteristics

- Roller without shaft.
- Head roller has mounted a shank which rotates in the friction bearing on the side profile.
- Internal sealing prevent foreign bodies inside.
- Easily assembled and disassembled with no removal of the side profile.
- Easy side entrance for the transported objects due to the rounded roller ends.

#### Loading capacity

- Up to 200N (depending on the speed of transport).

#### Dimensions

##### Tube

Zinc-plated steel, stainless steel, PVC:  
RAL7030 (stone gray) RAL5015 (sky blue)  
with 30, 40 or 50 mm external diameter.  
Aluminium with 50 mm external diameter.

Galvanized steel according to DIN2394 with  
30, 40 or 50 mm external diameter.

Stainless steel according to DIN 2463 with  
30, 40 or 50 mm outer diameter.

Aluminum with 50 mm outer diameter.

##### Axis

Stainless steel shaft pin with 6 mm diameter  
for external friction bearing.

#### Bearing

Polypropylene, RAL1023 (traffic yellow)  
bearing housing

Bearing version. Smooth-running,  
wear-resistant slide bearings, which do  
not allow any grease to be washed out.  
Slide bearing bushings allow engaging  
in a side profile with a maximum wall  
thickness of 2.5 mm and hexagon holes

#### Options

Tube sleeves. PVC sleeve, PU sleeve, lagging

= STANDARD

Product 513

### Standard article reference. 1500 series

Tube	Tube dimension	Bearing type	Shaft pin
mm	Ømm	mm	Ø6 mm
PVC	30x1,8	friction bearing	15ABS3B00C
	50x2,8	friction bearing	15AFSAA00C
Zinc plated steel	30x1,2	friction bearing	15AAJ3100C
	50x1,5	friction bearing	15AEJAA00C
Stainless steel	30x1,2	friction bearing	15AAN3100C
	50x1,5	friction bearing	15AENAA00C

Product 513

#### Load capacity (in N)

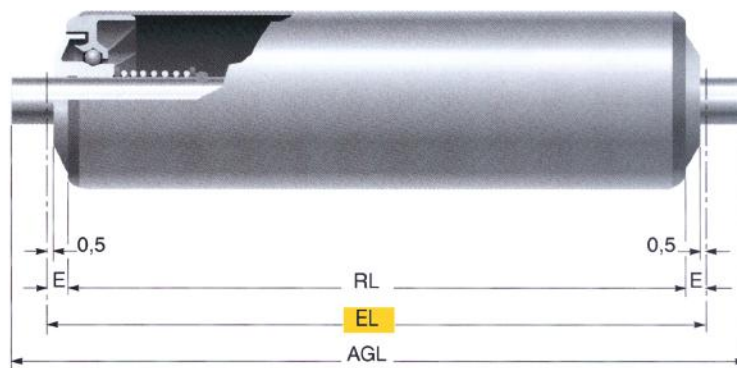
Load capacity of the 1500 series is influenced by two parameters, weight of the material until 120 N and conveyor speed until 0,8 m/s.

Product 513

# MAINTENANCE AND TRANSPORTATION

At www.rodavigo.net Family: Maintenance and transportation  
Product: Rollers

## Plastic rollers



### Gravity conveyor rollers. 1100 series.

#### Characteristics

- Special ball bearings. Universal. Tried million times.
- The tube ends are rounded, thereby allowing materials to be easily moved on from the side.
- Low weight.
- Good starting and running characteristics.
- Seal is integrated in front of the bearing to protect against dirt and water.
- Economic stainless steel execution.

#### Loading capacity

- Max. load capacity 350N.

#### Dimensions

##### Tube

PVC. RAL7030 (stone grey), 20,30, 40 or 50 mm diameter; RAL7024 (dark grey), 20mm diameter; RAL5015 (sky blue), 50 mm diameter.  
Zinc-plated steel. 16,20,30 or 50 mm diameter.  
Stainless steel. 16,20,30 or 50 mm diameter.  
Aluminium. 16,20 or 50 mm diameter.

##### Shaft

Uncoated steel, Zinc-plated steel or stainless steel.  
Spring - loaded shaft. 5,6,8,10,11 hex or 12 diameter.  
Female threaded shaft. 8, 10, 11 hex or 12 diameter.

#### Bearing

Polypropylene bearing housing. RAL9005 (jet black) and RAL7024 (dark grey) for tube with 20 mm diameter

#### Colour:

Bearing version. Special ball bearing made of polypropylene with steel balls (carbon steel or stainless steel).

#### Options

Tube sleeves. PVC sleeve, PU sleeve or lagging.

With spring in both sides available.

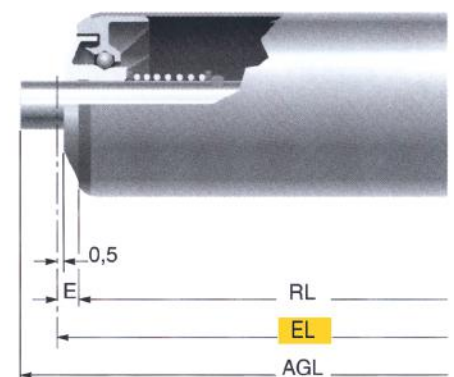
■ = STANDARD

### Product 513

### Standard article reference. 1100 series, with spring-loaded shaft

Tube	Tube dimension	Bearing type	Spring-shaft		
			Ø6 mm	Ø8 mm	Ø10 mm
PVC	20x1,5	Normal	11CAS2BC03		
		Stainless	11CBS2BD03		
	30x1,8	Normal		11CRS31E03	
		Stainless		11CSS31G03	
	40x2,3	Normal		1041S40E43	
		Stainless		1042S40G43	
	50x2,8	Normal		11BGSAAEAB	11AASAAHAC
		Stainless		11BQSAAGAB	11ABSAAKAC
Zinc plated steel	50x1,5	Normal			11ACJAAHAC
Stainless steel	50x1,5	Stainless			11ADNAAKAC

ØShaft	ØRollers	ØEL= RL+	AGL=EL+	E
6	20	5	12	2,5
8	30/40	5	16	2,5
8	50	10	16	5
10	50	10	20	5



Spring-shaft

### Product 513





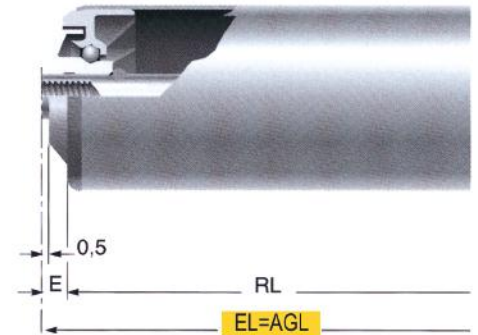
## >>> Plastic rollers

Standard article reference. 1100 series, with female threaded shaft

At www.rodavigo.net Family: Maintenance and transportation  
Product: Rollers

Tube	Tube dimension	type bearing	Female threaded shaft
	Ømm		Ø12 mm
Zinc plated steel	50x1,5	Normal	11BNJAALAE
Stainless steel	50x1,5	Stainless steel	11BPNAAMAS

Female threaded shaft



Øshaft	Thread	ØRollers	ØEL=RL+ E	E
mm				
12	M8x15	50	10	5

Product 513

### Load capacity (in N)

Assumption: dynamic load, evenly distributed

EI	Steel Tube	PVC Tube	PVC Tube	PVC Tube	PVC Tube
	Ø50x1,5 mm any Shaft	Ø20x1,5 mm any Shaft	Ø30x1,8 mm any Shaft	Ø40x2,3 mm any Shaft	Ø50x2,8 mm any Shaft
mm	Ø10/12mm	Ø6mm	Ø8mm	Ø8mm	Ø8/10mm
100	350	90	120	180	350
200	350	20	100	180	350
300	350	10	40	130	310
400	350	5	20	70	165
500	350		15	40	100
600	350		10	30	70
700	350				
800	350				
900	350				
1000	350				
1100	350				
1200	350				

Product 513

## >>> Design your rollers

### Design your rollers

Possibility of providing conveyor rollers on plan. Adapt and solve all your needs. Put in contact with our technical department.

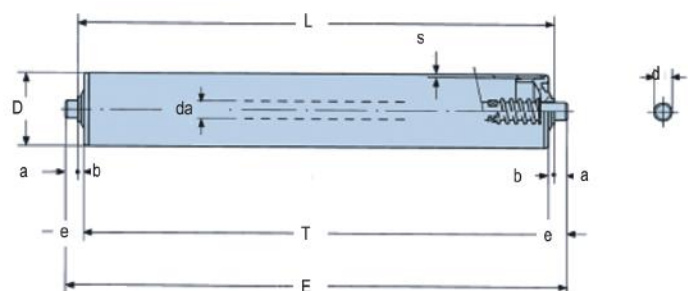
Examples of conveyor rollers we could design:

Rollers without conveyor belt

- Gravity rollers
- With or without shaft
- Coated rollers

Conveyor belt rollers

- Straight rollers
- Shock-absorbing rollers
- Conveyor belt cleaner rollers
- Rubber-coated rollers
- Special high performance rollers



With permanent load for long time should not the static load capacity is exceeded maximum. This is about 50% of the load values given in the table.

The maximum permissible transport speed is 0,15 m/s for Ø20mm rollers, 0,25 m/s for Ø30mm, 0.25 m/s for Ø40mm and 0.3 m/s for Ø50mm

# MAINTENANCE AND TRANSPORTATION

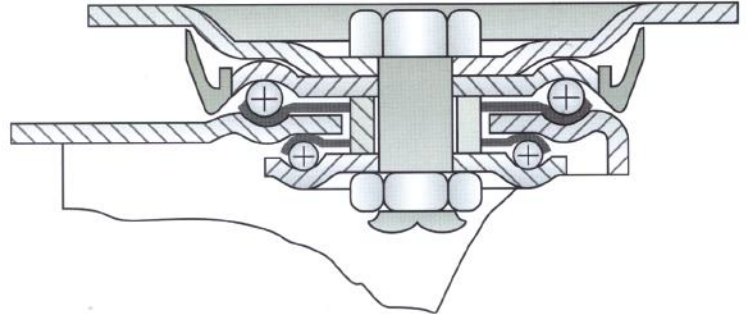


## >>> Industrial wheels

At [www.rodavigo.net](http://www.rodavigo.net) Family: Maintenance and transportation  
Product: Alex Wheels

TV series

- Manufactured with pressed steel up to 5 mm.
- Highly rust-resistant double-chrome coating.
- Double ball bearing reinforced with hardened ball races.  
Dust-proof in the sealing swivel head.
- It is used in: industrial driven carts, materials handling in factories, heavy duty work containers, metallurgical industry, chemical industry, public services, food industry, logistics for military missions material, construction, repair shops, meat industry, canning factories, slaughterhouses, agricultural farms, metalworks, textile and tubular carts.



Manufactured to European standard EN 12532.

**Serie TV. Castors with aluminium centre and elastic black rubber tyre with a hardness of 70° Shore A.**

Code	Diam.	Kg.	Bearing						
23122194	100	180	40		86x106	80/86x60	M8	140	81
23121992	125	225	40		110x139	84/110x66/98	M10	164	112
23121993	160	300	50		110x139	84/110x66/98	M10	211	137
23121994	200	400	50		110x139	84/110x66/98	M10	251	156



Code	Diam.	Kg.	Bearing						
23122195	100	180	40		86x106	80/86x60	M8	140	-
23121995	125	225	40		116x136	84/110x66/98	M10	164	-
23121996	160	300	50		116x136	84/110x66/98	M10	211	-
23121997	200	400	50		116x136	84/110x66/98	M10	251	-



Code	Diam.	Kg.	Bearing						
23122193	100	180	40		86x106	80/86x60	M8	140	81
23121998	125	225	40		110x139	84/110x66/98	M10	164	112
23121999	160	300	50		110x139	84/110x66/98	M10	211	137
23122000	200	400	50		110x139	84/110x66/98	M10	251	156





>>> Industrial wheels



Tv Series castors with black nylon centre and rubber tyre

At www.rodavigo.net

Family: Maintenance and transportation  
Product: Alex Wheels

Code	Diam.	Kg.	Bearing						
23120001	80	110	35	≡	86x106	80/86x60	M8	124	64
23121254	80	110	35	≡	86x106	80/86x60	M8	124	64
23120002	100	130	35	≡	86x106	80/86x60	M8	140	81
23121255	100	130	35	≡	86x106	80/86x60	M8	140	81
23120003	125	240	44	≡	110x139	84/110x66/98	M10	164	112
23120533	125	240	44	≡	110x139	84/110x66/98	M10	164	112
23120004	150	280	50	≡	110x139	84/110x66/98	M10	188	134
23120535	150	280	50	≡	110x139	84/110x66/98	M10	188	134
23121332	160	280	50	≡	110x139	84/110x66/98	M10	211	137
23121333	160	280	50	≡	110x139	84/110x66/98	M10	211	137



Code	Diam.	Kg.	Bearing						
23120007	80	110	35	≡	86x106	80/86x60	M8	124	64
23121256	80	110	35	≡	86x106	80/86x60	M8	124	64
23120008	100	130	35	≡	86x106	80/86x60	M8	140	81
23121257	100	130	35	≡	86x106	80/86x60	M8	140	81
23120009	125	240	44	≡	116x136	84/110x66/98	M10	164	112
23120537	125	240	44	≡	116x136	84/110x66/98	M10	164	112
23120010	150	280	50	≡	116x136	84/110x66/98	M10	188	134
23120539	150	280	50	≡	116x136	84/110x66/98	M10	188	134
23121334	160	280	50	≡	116x136	84/110x66/98	M10	211	137
23121335	160	280	50	≡	116x136	84/110x66/98	M10	211	137



Code	Diam.	Kg.	Bearing						
23121606	80	110	35	≡	86x106	80/86x60	M8	124	64
23121607	80	110	35	≡	86x106	80/86x60	M8	124	64
23121608	100	130	35	≡	86x106	80/86x60	M8	140	81
23121609	100	130	35	≡	86x106	80/86x60	M8	140	81
23121610	125	240	44	≡	110x139	84/110x66/98	M10	164	112
23121611	125	240	44	≡	110x139	84/110x66/98	M10	164	112
23121631	150	280	50	≡	110x139	84/110x66/98	M10	188	134
23121632	150	280	50	≡	110x139	84/110x66/98	M10	188	134
23121337	160	280	50	≡	110x139	84/110x66/98	M10	211	137
23121336	160	280	50	≡	110x139	84/110x66/98	M10	211	137



Tv Series castors with steel centre and black rubber tyre

Code	Diam.	Kg.	Bearing						
23122046	125	180	40	≡	110x139	84/110x66/98	M10	164	112
23121847	150	400	42	≡	110x139	84/110x66/98	M10	188	134
23122049	150	400	50	≡	110x139	84/110x66/98	M10	188	134
23121848	200	580	51	≡	110x139	84/110x66/98	M10	251	156
23122052	200	580	50	≡	110x139	84/110x66/98	M10	251	156



# MAINTENANCE AND TRANSPORTATION



## >>> Industrial wheels

At [www.rodavigo.net](http://www.rodavigo.net) Family: Maintenance and transportation  
Product: Alex Wheels

TV series castors with steel centre and black rubber tyre

Code	Diam.	Kg.		Bearing						
23122047	125	180	42	≡	116x136	84/110x66/98	M10	164	-	
23121849	150	400	42	≡	116x136	84/110x66/98	M10	188	-	
23122050	150	400	45	≡	116x136	84/110x66/98	M10	188	-	
23121850	200	580	51	≡	116x136	84/110x66/98	M10	251	-	
23122053	200	580	50	≡	116x136	84/110x66/98	M10	251	-	



Code	Diam.	Kg.		Bearing						
23122048	125	180	42	≡	110x139	84/110x66/98	M10	164	112	
23121851	150	400	42	≡	110x139	84/110x66/98	M10	188	134	
23122051	150	400	45	≡	110x139	84/110x66/98	M10	188	134	
23121852	200	580	51	≡	110x139	84/110x66/98	M10	251	156	
23122054	200	580	50	≡	110x139	84/110x66/98	M10	251	156	



TV series castors with white nylon centre and red polyurethane tyre

Code	Diam.	Kg.		Bearing						
23120303	100	200	33	≡	86x106	80/86x60	M8	140	81	
23120311	100	200	33	≡	86x106	80/86x60	M8	140	81	
23120305	125	300	42	≡	110x139	84/110x66/98	M10	164	112	
23120313	125	300	42	≡	110x139	84/110x66/98	M10	164	112	
23120307	150	450	42	≡	110x139	84/110x66/98	M10	188	134	
23120315	150	450	42	≡	110x139	84/110x66/98	M10	188	134	
23120309	200	500	50	≡	110x139	84/110x66/98	M10	251	156	
23120317	200	500	50	≡	110x139	84/110x66/98	M10	251	156	



Code	Diam.	Kg.		Type of bearing axis						
23120304	100	200	33	≡	86x106	80/86x60	M8	140	-	
23120312	100	200	33	≡	86x106	80/86x60	M8	140	-	
23120305	125	300	42	≡	116x136	84/110x66/98	M10	164	-	
23120314	125	300	42	≡	116x136	84/110x66/98	M10	164	-	
23120308	150	450	42	≡	116x136	84/110x66/98	M10	188	-	
23120316	150	450	42	≡	116x136	84/110x66/98	M10	188	-	
23120310	200	500	50	≡	116x136	84/110x66/98	M10	251	-	
23120318	200	500	50	≡	116x136	84/110x66/98	M10	251	-	





## >>> Industrial wheels



### TV series castors with white nylon centre and red polyurethane tyre

 At [www.rodavigo.net](http://www.rodavigo.net)

 Family: Maintenance and transportation  
 Product: Alex Wheels

Code	Diam.	Kg.		Bearing						
23121612	100	200	33	≡	86x106	80/86x60	M8	140	81	
23121613	100	200	33	≡	86x106	80/86x60	M8	140	81	
23121614	125	300	42	≡	116x136	84/110x66/98	M10	164	112	
23121615	125	300	42	≡	116x136	84/110x66/98	M10	164	112	
23121633	150	450	42	≡	116x136	84/110x66/98	M10	188	134	
23121634	150	450	42	≡	116x136	84/110x66/98	M10	188	134	
23120966	200	500	50	≡	116x136	84/110x66/98	M10	251	156	
23120967	200	500	50	≡	116x136	84/110x66/98	M10	251	156	



### TV series castors with steel centre and cast polyurethane tyre

Code	Diam.	Kg.		Bearing						
23122055	125	375	40	≡	110x139	84/110x66/98	M10	164	112	
23121788	150	750	50	≡	110x139	84/110x66/98	M10	188	134	
23121842	200	800	50	≡	110x139	84/110x66/98	M10	251	156	



Code	Diam.	Kg.		Bearing						
23122056	125	375	40	≡	116x136	84/110x66/98	M10	164	-	
23121789	150	750	50	≡	116x136	84/110x66/98	M10	188	-	
23121844	200	800	50	≡	116x136	84/110x66/98	M10	251	-	



Code	Diam.	Kg.		Bearing						
23122057	125	375	40	≡	110x139	84/110x66/98	M10	164	112	
23121845	150	750	50	≡	110x139	84/110x66/98	M10	188	134	
23121846	200	800	50	≡	110x139	84/110x66/98	M10	251	156	



### TV series white nylon castors

Code	Diam.	Kg.		Bearing						
23120019	80	250	35	≡	86x106	80/86x60	M8	124	64	
23120211	80	250	34	≡	86x106	80/86x60	M8	124	64	
23120020	100	300	35	≡	86x106	80/86x60	M8	140	81	
23120213	100	300	34	≡	110x139	80/86x60	M8	140	81	
23120021	125	350	45	≡	110x139	84/110x66/98	M10	164	112	
23120215	125	350	45	≡	110x139	84/110x66/98	M10	164	112	
23120022	150	500	45	≡	110x139	84/110x66/98	M10	188	134	
23120217	150	500	45	≡	110x139	84/110x66/98	M10	188	134	
23120023	200	600	50	≡	110x139	84/110x66/98	M10	251	156	
23120219	200	600	50	≡	110x139	84/110x66/98	M10	251	156	



# MAINTENANCE AND TRANSPORTATION



## >>> Industrial wheels

At [www.rodavigo.net](http://www.rodavigo.net) Family: Maintenance and transportation  
Product: Alex Wheels

TV series white nylon castors.

Code	Diam.	Kg.		Bearing						
23120024	80	250	35	≡	86x106	80/86x60	M8	124	-	
23120212	80	250	34	≡	86x106	80/86x60	M8	124	-	
23120025	100	300	35	≡	86x106	80/86x60	M8	140	-	
23120214	100	300	34	≡	86x106	80/86x60	M8	140	-	
23120026	125	350	45	≡	116x136	84/110x66/98	M10	164	-	
23120216	125	350	45	≡	116x136	84/110x66/98	M10	164	-	
23120027	150	500	45	≡	116x136	84/110x66/98	M10	188	-	
23120218	150	500	45	≡	116x136	84/110x66/98	M10	188	-	
23120098	200	600	50	≡	116x136	84/110x66/98	M10	251	-	
23120220	200	600	50	≡	116x136	84/110x66/98	M10	251	-	



Code	Diam.	Kg.		Bearing						
23121616	80	250	35	≡	86x106	80/86x60	M8	124	64	
23121617	80	250	34	≡	86x106	80/86x60	M8	124	64	
23121618	100	300	35	≡	86x106	80/86x60	M8	140	81	
23121619	100	300	34	≡	86x106	80/86x60	M8	140	81	
23121620	125	350	45	≡	116x139	84/110x66/98	M10	164	112	
23121621	125	350	45	≡	116x139	84/110x66/98	M10	164	112	
23121635	150	500	45	≡	116x139	84/110x66/98	M10	188	134	
23121636	150	500	45	≡	116x139	84/110x66/98	M10	188	134	
23120947	200	600	50	≡	116x139	84/110x66/98	M10	251	156	
23120948	200	600	50	≡	116x139	84/110x66/98	M10	251	156	



TV series reinforced nylon castors

Code	Diam.	Kg.		Bearing						
23121797	80	300	30	≡	86x106	80/86x60	M8	124	64	
23121798	100	350	32	≡	86x106	80/86x60	M8	140	81	
23121799	100	350	32	≡	86x106	80/86x60	M8	140	81	
23121800	125	425	42	≡	116x136	84/110x66/98	M10	164	112	
23121801	125	425	42	≡	116x136	84/110x66/98	M10	164	112	
23121802	150	650	42	≡	116x136	84/110x66/98	M10	188	134	
23121803	150	650	42	≡	116x136	84/110x66/98	M10	188	134	
23121806	200	780	42	≡	116x136	84/110x66/98	M10	251	156	
23121807	200	780	42	≡	116x136	84/110x66/98	M10	251	156	



Code	Diam.	Kg.		Bearing						
23121808	80	300	30	≡	86x106	80/86x60	M8	124	-	
23121809	100	350	32	≡	86x106	80/86x60	M8	140	-	
23121810	100	350	32	≡	86x106	80/86x60	M8	140	-	
23121811	125	425	42	≡	116x136	84/110x66/98	M10	164	-	
23121812	125	425	42	≡	116x136	84/110x66/98	M10	164	-	
23121813	150	650	42	≡	116x136	84/110x66/98	M10	188	-	
23121814	150	650	42	≡	116x136	84/110x66/98	M10	188	-	
23121817	200	780	42	≡	116x136	84/110x66/98	M10	251	-	
23121818	200	780	42	≡	116x136	84/110x66/98	M10	251	-	





>>> Industrial wheels



TV Series. Reinforced nylon castors

At www.rodavigo.net Family: Maintenance and transportation  
Product: Alex Wheels

Code	Diam.	Kg.	Bearing						
23121819	80	300	30	≡	86x106	80/86x60	M8	124	64
23121820	100	350	32	≡	86x106	80/86x60	M8	140	81
23121821	100	350	32	≡	86x106	80/86x60	M8	140	81
23121822	125	425	42	≡	116x139	84/110x66/98	M10	164	112
23121823	125	425	42	≡	116x139	84/110x66/98	M10	164	112
23121824	150	650	42	≡	116x139	84/110x66/98	M10	188	134
23121825	150	650	42	≡	116x139	84/110x66/98	M10	188	134
23121828	200	780	42	≡	116x139	84/110x66/98	M10	251	156
23121829	200	780	42	≡	116x139	84/110x66/98	M10	251	156



Reinforced resine castors, especially indicated to stand high temperatures up to 200° and high-loads up to 700 Kg.

Code	Diam.	Kg.	Bearing						
23120011	80	200	34	≡	86x106	80/86x60	M8	124	64
23120012	100	300	34	≡	86x106	80/86x60	M8	140	81
23120013	125	400	44	≡	110x139	84/110x66/98	M10	164	112
23120014	150	540	44	≡	110x139	84/110x66/98	M10	188	134



Code	Diam.	Kg.	Bearing						
23120015	80	200	34	≡	86x106	80/86x60	M8	124	-
23120016	100	300	34	≡	86x106	80/86x60	M8	140	-
23120017	125	400	44	≡	110x136	84/110x66/98	M10	164	-
23120018	150	540	44	≡	110x136	84/110x66/98	M10	188	-



Code	Diam.	Kg.	Bearing						
23121622	80	200	34	≡	86x106	80/86x60	M8	124	64
23121623	100	300	34	≡	86x106	80/86x60	M8	140	81
23121624	125	400	44	≡	110x139	84/110x66/98	M10	164	112
23121637	150	540	44	≡	110x139	84/110x66/98	M10	188	134



Resine castors, especially indicated to stand high temperatures up to 300° and high-loads up to 125 Kg.

Code	Diam.	Kg.	Bearing						
23121056	80	100	34	≡	86x106	80/86x60	M8	124	64
23121058	100	125	34	≡	86x106	80/86x60	M8	140	81



# MAINTENANCE AND TRANSPORTATION



## >>> Industrial wheels

At [www.rodavigo.net](http://www.rodavigo.net)

Family: Maintenance and transportation  
Product: Alex Wheels

Resine castors, especially indicated to stand high temperatures up to 300° and high-loads up to 125 Kg.

Code	Diam.	Kg.	Bearing	86x106	80/86x60	M8	124	-
23121057	80	100	34	86x106	80/86x60	M8	124	-
23121059	100	125	34	86x106	80/86x60	M8	140	-



Code	Diam.	Kg.	Bearing	86x106	80/86x60	M8	124	64
23121625	80	100	34	86x106	80/86x60	M8	124	64
23121626	100	125	34	86x106	80/86x60	M8	140	81



- Add code 2-1114 after the requested model for Teflon bearing. Designed for paint dryers, autoclaves and industrial dryers.

## Steel castors, especially indicated to support high-loads up to 800 Kg.

Code	Diam.	Kg.	Bearing	86x106	80/86x60	M8	124	64
23120028	80	300	34	86x106	80/86x60	M8	124	64
23120029	100	350	34	86x106	80/86x60	M8	140	81
23120030	125	500	44	110x139	84/110x66/98	M10	164	112
23120031	150	750	50	110x139	84/110x66/98	M10	188	134
23120221	200	800	50	110x139	84/110x66/98	M10	251	156



Code	Diam.	Kg.	Bearing	86x106	80/86x60	M8	124	-
23120032	80	300	34	86x106	80/86x60	M8	124	-
23120033	100	350	34	86x106	80/86x60	M8	140	-
23120034	125	500	44	116x136	84/110x66/98	M10	164	-
23120035	150	750	50	116x136	84/110x66/98	M10	188	-
23120222	200	800	50	116x136	84/110x66/98	M10	251	-



Code	Diam.	Kg.	Bearing	86x106	80/86x60	M8	124	64
23121628	80	300	34	86x106	80/86x60	M8	124	64
23121629	100	350	34	86x106	80/86x60	M8	140	81
23121630	125	500	44	110x139	84/110x66/98	M10	164	112
23121639	150	750	50	110x139	84/110x66/98	M10	188	134
23120960	200	800	50	110x139	84/110x66/98	M10	251	156







## >>> Industrial wheels

Other Wheels

At [www.rodavigo.net](http://www.rodavigo.net) Family: Maintenance and transportation  
Product: Alex Wheels



**Stainless steel**



**Castors for institutional applications.**  
Medium-load castors has been designed and manufactured for hospital uses, hospitality industry and similar, supporting up to 125 Kg. each castor.



**Industrial transport castors.**  
High and medium-load castors supporting up to 1.000 Kg. each castor.



**Heavy duty castors.**  
Our range of heavy duty castors has been designed and manufactured to support heavy loads and mechanical traction displacements.



**Castors with pneumatic tyres**

Product 231

# MAINTENANCE AND TRANSPORTATION



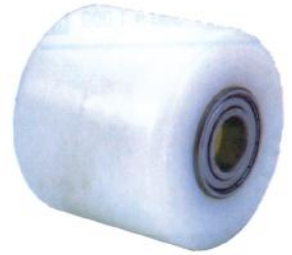
## >>> Conveyor wheels

At [www.rodavigo.net](http://www.rodavigo.net) Family: Maintenance and transportation  
Product: Gayner material

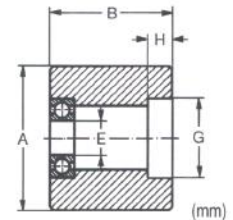
NY Nylon castors

### Pallet trucks

Special Features: They can be supplied fully equipped and ready to be used or they can be supplied with mechanized housings to mount your bearings and seals.



Code	Roller without bearings or seals	Code	Roller without bearings or seals	Diam.	Dimensions			Housing dimensions	Type of bearing	Weight
					A	B	E			
23660008	082 x 062 NYA	23660009	082 x 062 NYB	82	62	20	47 x 15	6204 ZZ	400	
23660010	082 x 070 NYA	23660011	082 x 070 NYB	82	70	20	17 x 15	6204 ZZ	400	
236600104	082 x 090 NYA	236600114	082 x 090 NYB	82	90	20	47 x 15	6204 ZZ	500	
236600124	085 x 070 NYA	236600134	085 x 070 NYB	85	70	20	47 x 14	6204 ZZ	450	
23660014	085 x 075 NYA	23660015	085 x 075 NYB	85	75	20	42 x 15	6004 ZZ	450	
23660016	085 x 090 NYA	23660017	085 x 090 NYB	85	90	20	47 x 15	6204 ZZ	500	
23660018	085 x 100 NYA	23660019	085 x 100 NYB	85	100	20	42 x 15	6004 ZZ	500	



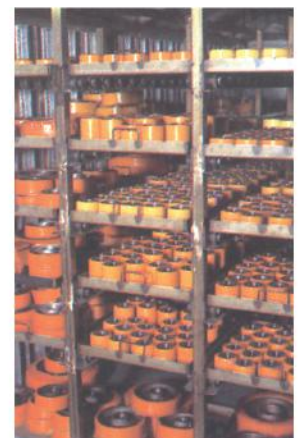
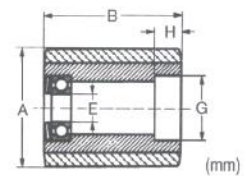
### HP. Brown polyurethane castors. Steel or cast iron core.

### Pallet trucks

Special Features: They can be supplied fully equipped and ready to be used or they can be supplied with mechanized housings to mount your bearings and seals.



Code	Roller without bearings or seals	Code	Roller without bearings or seals	Diam.	Dimensions			Housing dimensions	Type of bearing	Weight
					A	B	E			
23660022	075 x 040 HPA	23660023	075 x 040 HPB	75	40	20	47 x 14	6204 ZZ	320	
23660024	075 x 062 HPA	23660025	075 x 062 HPB	75	62	20	47 x 14	6204 ZZ	470	
23660026	075 x 095 HPA	23660027	075 x 095 HPB	75	95	20	47 x 14	6204 ZZ	720	
23660030	080 x 030 HPA	23660031	080 x 030 HPB	80	30	12	32 x 12	6201 ZZ	300	
23660034	080 x 054 HPA	23660035	080 x 054 HPB	80	54	20	47 x 14	6004 ZZ	500	
23660036	080 x 056 HPA	23660037	080 x 056 HPB	80	56	20	47 x 14	6204 ZZ	500	
23660040	082 x 034 HPA	23660041	082 x 034 HPB	82	34	12	32 x 11	6201 ZZ	350	
23660044	082 x 062 HPA	23660045	082 x 062 HPB	82	62	20	47 x 16	6204 ZZ	600	
23660046	082 x 065 HPA	23660047	082 x 065 HPB	82	65	20	47 x 15	6204 ZZ	600	
23660050	082 x 070 HPA	23660051	082 x 070 HPB	82	70	20	47 x 16	6204 ZZ	700	
23660052	082 x 072 HPA	23660053	082 x 072 HPB	82	72	20	47 x 14	6204 ZZ	700	
23660054	082 x 100 HPA	23660055	082 x 100 HPB	82	100	20	47 x 16	6204 ZZ	1.000	
23660062	085 x 070 HPA	23660063	085 x 070 HPB	85	70	20	47 x 14	6204 ZZ	700	
23660066	085 x 075 HPA	23660067	085 x 075 HPB	85	75	20	47 x 15	6204 ZZ	700	
23660068	085 x 080 HPA	23660069	085 x 080 HPB	85	80	20	47 x 14	6204 ZZ	800	
23660070	085 x 090 HPA	23660071	085 x 090 HPB	85	90	17	47 x 14	6303 ZZ	900	
23660076	085 x 100 HPA	23660077	085 x 100 HPB	85	100	20	47 x 15	6204 ZZ	1.000	
23660080	086 x 075 HPA	23660081	086 x 075 HPB	86	75	20	42 x 24	6004 ZZ	800	
23660082	086 x 100 HPA	23660083	086 x 100 HPB	86	100	20	42 x 24	6004 ZZ	1.000	
23660086	100 x 040 HPA	23660087	100 x 040 HPB	100	40	20	52 x 15	6304 ZZ	500	
23660090	110 x 050 HPA	23660091	110 x 050 HPB	110	50	20	47 x 16	6204 ZZ	700	
23660094	120 x 050 HPA	23660095	120 x 050 HPB	120	50	25	52 x 15	6205 ZZ	800	
23660096	140 x 060 HPA	23660097	140 x 060 HPB	140	60	25	52 x 22	6205 ZZ	1.000	





## >>> Conveyor wheels



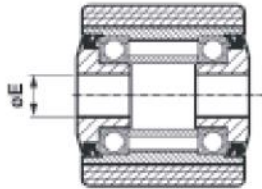
### Sealing systems

At www.rodavigo.net Family: Maintenance and transportation  
Product: Gayner material

#### Sealing systems

- Sealing system to protect bearings from water dirt.
- Attachable to HP 85 mm diameter castors equipped with bearings.

Code	Reference	ØW
236048100	ET-12	12
236048110	ET-17	17
236048120	ET-20	20



**ATTENTION**  
When the ET system  
width of the roller  
increases 5 mm.

### Pallet truck castors

Code	Reference	Dimensions				Material	Bearing type <sup>1)</sup>	weight Kg.
23614235	14-23/5	175	60	60	20	Nylon		700
23614236	14-23/6	180	50	50	20	Nylon		500
236108634	10-86/34	180	50	50	20	Aluminum-rubber		400
23610864	10-86/4	200	50	60	20	Aluminum-rubber		400
2361427	14-27	200	50	58	20	Nylon		750
2361628	16-28	200	50	50	20	Nylon-polyurethane		600
23616406	16-40/6	200	50	54	20	Aluminum-polyurethane		750

1) Housing without bearing = Ø 47 x 18 mm.



200 ACB5



200 NYB5



200 NPB5



200 APB5

# MAINTENANCE AND TRANSPORTATION



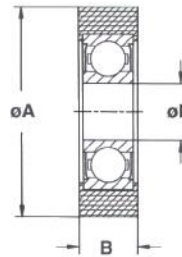
## >>> Conveyor wheels

At [www.rodavigo.net](http://www.rodavigo.net) Family: Maintenance and transportation  
Product: Gayner material

POB. Polyurethane-coated bearings



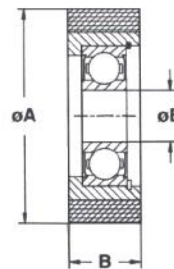
Code	Reference	Dimensions			Weight Kg.	
		A	B	E		
23660400	60-400	30	8	6	6262RS	10
23660401	60-401	30	11	9	6092RS	10
23660402	60-402	34	16	8	608ZZ	40
23660403	60-403	35	14	12	60012RS	10
23660404	60-404	36	13	10	62002RS	15
23660408	60-408	40	15	10	60002RS	50
23660409	60-409	40	20	9	6200ZZ	60
23660410	60-410	45	17	15	6202ZZ	75
23660411	60-411	50	15	12	63012RS	75
23660412	60-412	50	18	15	62022RS	80
23660416	60-416	60	20	17	62032RS	120
23660418	60-418	61	30	17	62032RS	140
23660420	60-420	62	15	20	60042RS	70
23660424	60-424	70	20	25	62052RS	120
23660428	60-428	75	23	20	62042RS	180



HPB. Polyurethane coated bearings with metal insert



Code	Reference	Dimensions			Weight Kg.	
		A	B	E		
23660510	60-510	40	13	10	6000ZZ	50
23660516	60-516	40	15	10	60002RS	50
23660518	60-518	40	20	10	6000ZZ	60
23660522	60-522	50	15	10	6000ZZ	75
23660528	60-528	50	18	17	60032RS	80
23660534	60-534	60	20	20	60042RS	120
23660536	60-536	68	20	15	6302ZZ	110
23660540	60-540	70	25	25	6205ZZ	140
23660546	60-546	80	25	25	6205ZZ	180
23660552	60-552	90	25	25	6205ZZ	200
23660558	60-558	100	25	25	6205ZZ	200
23660564	60-564	110	25	25	6205ZZ	200
23660570	60-570	120	25	25	6205ZZ	200
23660576	60-576	125	25	25	6205ZZ	200







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