

# Plastic Conveyor Rollers and Polyurethane Support Rings

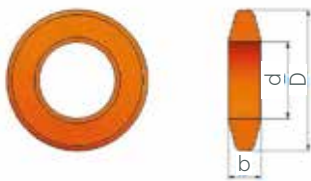


# Support Rings

## Polyurethane Support Rings

- Many times longer service life than with traditional rubber rings
- The rings keep their shape even with wear; the belt does not start to whip about destructively
- Side guard plates guide the belt securely and protect the belt and the frame
- The side guard plates can be recycled
- Clever positioning of the B-rings prevents the belt from bending
- Wall thickness of roller approx. 2.9 mm
- Double labyrinth seal filled with grease
- Additional splash-proof cap, including felt-ring seal
- High-quality bearings by reputable manufacturers

### Support ring Form A



Form A	D (mm)	d (mm)	b (mm)
ID 00	Ø 108	Ø 63,5	25
ID 01	Ø 120	Ø 63,5	30
ID 02	Ø 133	Ø 89,0	30
ID 03	Ø 159	Ø 89,0	30

### Support ring Form B

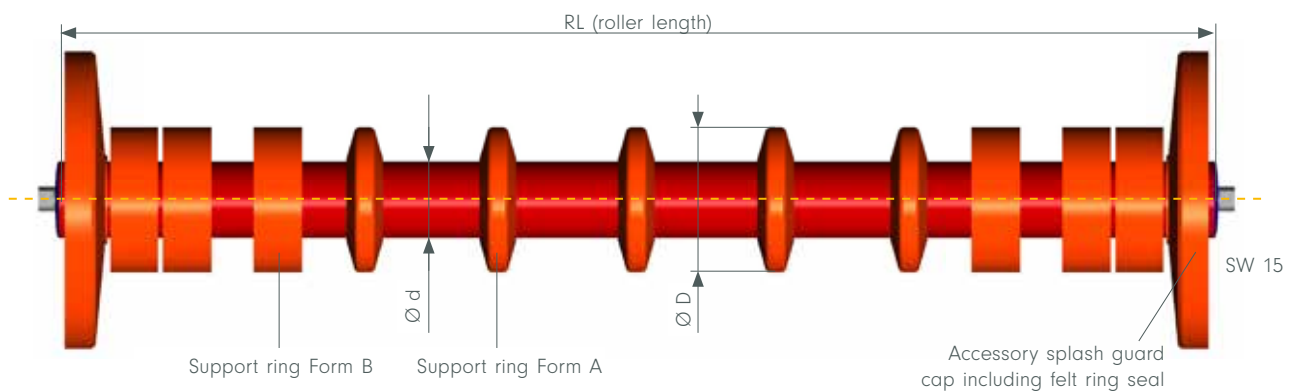


Form B	D (mm)	d (mm)	b (mm)
ID 10	Ø 108	Ø 63,5	40
ID 11	Ø 120	Ø 63,5	40
ID 12	Ø 133	Ø 89,0	40
ID 13	Ø 159	Ø 89,0	40

### Support disc



Support disc	D (mm)	d (mm)	b (mm)
ID 21	Ø 245	Ø 63,5	35
ID 23	Ø 275	Ø 89,0	35

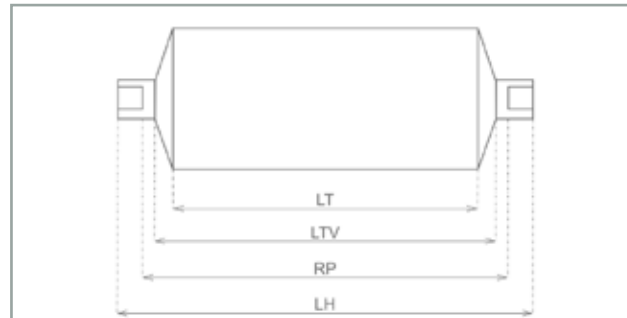


Belt width (mm)	RL (mm)	d (mm)	D (mm)	Configuration							
500	600	Ø 63,5 x 2,9	Ø 108	2	B	x	3	A	x	2	B
650	750	Ø 63,5 x 2,9	Ø 108	3	B	x	4	A	x	3	B
		Ø 89,0 x 2,9	Ø 133	3	B	x	4	A	x	3	B
800	950	Ø 63,5 x 2,9	Ø 108	3	B	x	5	A	x	3	B
		Ø 89,0 x 2,9	Ø 133	3	B	x	5	A	x	3	B
1000	1150	Ø 63,5 x 2,9	Ø 108	4	B	x	6	A	x	4	B
		Ø 89,0 x 2,9	Ø 133	4	B	x	6	A	x	4	B
1200	1400	Ø 63,5 x 2,9	Ø 108	4	B	x	7	A	x	4	B
		Ø 89,0 x 2,9	Ø 133	4	B	x	7	A	x	4	B

# Plastic Conveyor Rollers

## Plastic Conveyor Rollers

- Polyethylene roller bodies with 12 mm wall thickness
- Steel shaft with grooved ball-bearings and labyrinth seal
- Long service life thanks to labyrinth seal and thick walls
- Worn polyethylene rollers do not cut up so easily
- Lighter weight makes handling easier
- Reasonably priced



## Plastic Conveyor Rollers - diameter 89 mm

Marking - plastic c.roller	Length of shape LT (mm)	Length of shape + cover LTV (mm)	Pitch of spot for fixture RP	Length of shaft - LH	Weight (kg)
89 / 200 / 15	175	195	208	226	1,4
89 / 250 / 15	225	245	258	276	1,7
89 / 300 / 15	275	295	308	326	2
89 / 315 / 15	290	310	323	341	2,1
89 / 370 / 15	345	365	378	396	2,3
89 / 380 / 15	355	375	388	406	2,4
89 / 750 / 15	725	745	758	788	4,4

## Plastic Conveyor Rollers - diameter 108 mm:

Marking - plastic c.roller	Length of shape LT (mm)	Length of shape + cover LTV (mm)	Pitch of spot for fixture RP	Length of shaft - LH	Weight (kg)
108 / 200 / 15	175	195	208	226	1,8
108 / 250 / 15	225	245	258	276	2
108 / 300 / 15	275	295	308	326	2,1
108 / 315 / 15	290	310	323	341	2,4
108 / 370 / 15	345	365	378	396	2,7
108 / 380 / 15	355	375	388	406	2,8
108 / 750 / 15	725	745	758	788	5,2

# Delivery Program

## Screen Panels

Screen panels made of polyurethane & steel  
System screen modules  
Wire mesh  
Perforated plates

## OPTIMA

Wedge wire panels  
Plain sieve panels  
Sieve bends  
Slotted screen baskets  
High precision filter tubes  
Industrial filter media

## Wire Mesh Conveyor Belts

Woven & braided wire mesh belts  
Rolled baking oven belts (Z-belts)  
CLEANBELT device for belt cleaning

## LuCoTec Air Spring System

Air spring systems for screening machines &  
other vibrating machines

## MULTOTEC - Process Equipment

Slurry Pumps  
Cyclones  
Spirals

The information given and images in this catalogue are non-binding and represent an approximate description only. They are no guaranteed properties. Alternative designs are possible on request.  
Subject to alteration serving technical progress.

Contact us for **on-site consultation** by our **experienced field engineers**.

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