

# Conveyor / guiding rollers and ball units



PEVOLO® • PEVOUSTI®  
PEVOTHAN®

Solid rubber  
wheels and castors

Electrically conductive  
wheels and castors

WULKOLLAN® • PEVOPUR®  
PEVODIN® / -Soft

Stainless steel castors

Institutional  
wheels and castors

Conveyor / guiding  
rollers and ball units

Profile rollers

Pallet rollers

Press-on tyres

# Conveyor / guiding rollers and ball units product overview

## Conveyor / guiding rollers and ball units

We produce conveyor rollers with diameters of 30 to 85 mm and with load capacities of 10 to 490 kg. The ball units are sealed on both sides and are sprayed with PEVLON® or PEVOTHAN®.

We produce the VULKOLLAN® guiding rollers with steel roller bodies that are very often used in materials handling with diameters of 40 to 150 mm and with load capacities from 55 to 1,030 kg.

Ball units with bright zinc plated steel or stainless steel casing are available for a wide range of applications with a load capacity of 10 to 610 kg.



Series 600  
10 - 25 kg  
[Page 138](#)



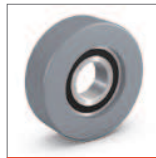
Series 130 PA  
60 - 490 kg  
[Page 139](#)



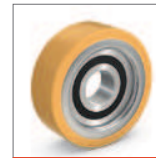
Series 131 PA  
Series 132 PA  
70 - 270 kg  
[Page 140](#)



Series 130 PU  
30 - 170 kg  
[Page 141](#)



Series 130 PU HD  
Series 131 PU  
Series 133 PU  
90 - 290 kg  
[Page 142](#)



Series 173  
55 - 1.030 kg  
[Page 143](#)



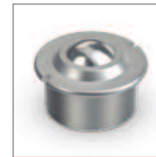
Series 701  
20 - 340 kg  
[Page 144](#)



Series 702  
20 - 140 kg  
[Page 145](#)



Series 710/0  
10 - 610 kg  
[Page 146](#)



Series 710/1  
20 - 610 kg  
[Page 147](#)

# Plastic and pressed steel conveyor rollers

## Plastic rollers

Blue plastic rollers with double metal ball bearings in a high-quality polyamide cage, permanently bonded to the roller body made of shock and abrasion resistant polypropylene.

Article code	mm	mm	mm	mm	kg	
600-10/6,5	600-20/6,5*	48	16	24	6,5	10
600-10/8,0	600-20/8,5*	48	16	24	8	10

\* with white hub and stainless ball bearings



Series 600-10/ -20

## Plastic rollers with wheel flange

Blue plastic rollers, same as series 600-10, but with wheel flange.

Article code	mm	mm	mm	mm	mm	kg	
600-30/6,5	600-40/6,5*	48	16	18	24	6,5	10
600-30/8,0	600-40/8,0*	48	16	18	24	8	10

\* with white hub and stainless ball bearings



Series 600-30/ -40

## Steel rollers

Pressed steel, zinc-coated and chromate-treated, with hardened axis, with ball bearings.

Article code	mm	mm	mm	mm	kg
600-50/6,2	48	15	22	6,2	25
600-50/6,2	48	15	24	6,2	25
600-70/8,2	48	16	24	8,2	25



Series 600-50/ -70

Design same as series 600-50, however with one-sided fixing bolt.

Article code	mm	mm	mm	Bolt length/thread	kg
600-80	48	15	27	12 mm/M8	25



Series 600-80







# PE·VO·LON® conveyor rollers



Series 130 PA

## PEVOLON® conveyor rollers with ball bearing

Roller body made of high-quality thermoplastic polyamide moulded around the ball bearing (1/5).

 Article code	 mm	 mm	 mm	 mm	 kg
130 PA/030/011/5/8	30	11	7	8	60
130 PA/040/014,5/5/10	40	14,5	8	10	100
130 PA/040/016/5/15*	40	16	9	15	120
130 PA/040/018,5/5/10	40	18,5	8	10	140
130 PA/042/014,5/5/10	42	14,5	8	10	110
130 PA/042/014,5/5/12	42	14,5	10	12	110
130 PA/044/016/5/12	44	16	8	12	130
130 PA/050/012/5/8*	50	12	7	8	110
130 PA/050/015/5/10	50	15	9	10	140
130 PA/050/015/5/12	50	15	8	12	140
130 PA/050/020/5/12*	50	20	10	12	190
130 PA/050/018/5/12*	50	18	10	12	170
130 PA/054/022/5/12	54	22	10	12	230
130 PA/055/025/5/15 B**	55	25	9	15	270
130 PA/060/030/5/15 GF30	60	30	13	15	350
130 PA/062/020/5/12	62	20	19	12	240
130 PA/065/018,5/5/10	65	18,5	9	10	230
130 PA/065/018,5/5/12	65	18,5	10	12	230
130 PA/070/035/5/20 B**	70	35	41	20	490
130 PA/080/020/5/12	80	20	10	12	310
130 PA/080/020/5/15	80	20	10	15	310
130 PA/080/020/5/17	80	20	12	17	310
130 PA/080/025/5/25	80	25	12	25	400

GF30 = reinforced-fibreglass

as above, but roller body with wider tread

130 PA/038/028/5/12	38	28	10	12	200
130 PA/038/038/5/12	38	38	10	12	250
130 PA/042/028/5/10	42	28	8	10	220
130 PA/042/028/5/12	42	28	10	12	220
130 PA/042/038/5/12	42	38	10	12	300

\* black

\*\* with crowned tread











# PE·VO·LON® single flanged rollers and grooved wheels











Series 132 PA

Series 131 PA

 Article code	 mm	 mm	 mm	 mm	 mm	 mm	 kg
131 PA/035/010/050/018/5/12	50	35	18	10	8	12	70
131 PA/050/026,5/090/035/5/12*	90	50	35	26,5	10	12	270
131 PA/060/020/065/025/5/15	65	60	25	20	9	15	240
131 PA/062/019/081/026,5/5/15	82	62	26,5	19	12	15	240
131 PA/062/019/081/026,5/5/17	82	62	26,5	19	10	17	240
131 PA/062/019/081/026,5/5/17	82	62	26,5	19	11	17	240

\* with cylindrical tread

 Article code	 mm	 mm	 mm	 mm	 mm	 mm	 kg
132 PA/065/055/018/5/17	65	55	18	4	12	17	75
132 PA/085/075/020/5/10	85	75	20	8	9	10	200
132 PA/085/075/020/5/12	85	75	20	8	10	12	200
132 PA/085/075/020/5/20	85	75	20	8	14	20	200

For more PEVOLON® single flanged rollers and grooved wheels, see page 150/151.

## PEVOLON® single flanged rollers with ball bearing

Roller body made of high-quality thermoplastic polyamide moulded around the ball bearing (1/5).

## PEVOLON® grooved wheels with ball bearing

Roller body made of high-quality thermoplastic polyamide moulded around the ball bearing (1/5).

PEVOLON® - PEVOLASTIC®  
PEVOTHAN®

Solid rubber  
wheels and castors

Electrically conductive  
wheels and castors

VULKOLAN® - PEVOPUR®  
PEVODIN® / -Soft

Stainless steel castors

Institutional  
wheels and castors

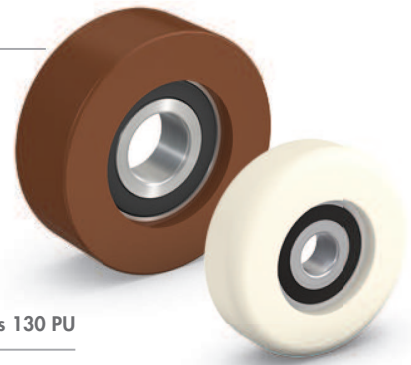
Conveyor/guiding  
rollers and ball units

Profile rollers

Pallet rollers

Press-on tyres

# PE·VO·THAN® conveyor rollers



Series 130 PU

## PEVOTHAN® conveyor rollers with ball bearing

Roller body made of high-quality thermoplastic polyurethane (96° Shore A) moulded around the ball bearing (1/5).

Article code	mm	mm	mm	mm	kg
130 PU/030/011/5/8	30	11	7	8	30
130 PU/040/014,5/5/10*	40	14,5	8	10	50
130 PU/040/016/5/15**	40	16	8	15	55
130 PU/040/020/5/10	40	20	9	10	70
130 PU/042/014,5/5/10	42	14,5	8	10	55
130 PU/042/014,5/5/12	42	14,5	10	12	55
130 PU/050/015/5/10	50	15	9	10	70
130 PU/050/015/5/12	50	15	8	12	70
130 PU/050/018/5/17	50	18	11	17	80
130 PU/050/025/5/12*	50	25	10	12	100
130 PU/055/025/5/15	55	25	9	15	110
130 PU/060/018/5/12	60	18	10	12	90
130 PU/060/020/5/17	60	20	12	17	95
130 PU/062/020/5/17	62	20	14	17	110
130 PU/065/018,5/5/12	65	18,5	10	12	100
130 PU/070/025/5/20*	70	25	14	20	150
130 PU/080/020/5/12	80	20	10	12	140
130 PU/080/020/5/15	80	20	11	15	140
130 PU/080/020/5/17	80	20	12	17	140
130 PU/080/020/5/20	80	20	14	20	140
130 PU/080/025/5/25	80	25	12	25	170

as above, but roller body with wider tread

130 PU/038/028/5/12	38	28	10	12	80
130 PU/038/038/5/12	38	38	10	12	110
130 PU/042/028/5/10	42	28	8	10	90
130 PU/042/028/5/12	42	28	8	12	90
130 PU/042/038/5/12	42	38	10	12	130

\* brown

\*\* black



PEVOLO® • PEVOLAST®  
PEVOTHAN®

Solid rubber  
wheels and castors

Electrically conductive  
wheels and castors

VULKOLAN® • PEVOPUR®  
PEVODIN® / Soft

Stainless steel castors

Institutional  
wheels and castors

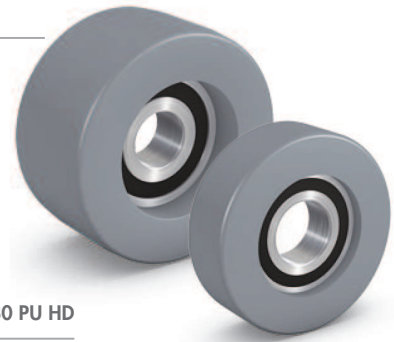
Conveyor/guiding  
rollers and ball units

Profile rollers

Pallet rollers

Press-on tyres



# PE·VO·THAN® / PE·VO·LASTIC® conveyor rollers



Series 130 PU HD










## PEVOTHAN® Heavy-duty conveyor rollers with ball bearing

Roller body made of high-quality thermoplastic polyurethane (98° Shore A / 78° Shore D) moulded around the ball bearing (/5).

 Article code	 mm	 mm	 mm	 mm	 kg
130 PU HD/050/015/5/10	50	15	9	10	135
130 PU HD/050/018/5/15	50	18	11	15	150
130 PU HD/050/018/5/17	50	18	11	17	150
130 PU HD/050/025/5/12	50	25	10	12	170
130 PU HD/060/018/5/12	60	18	10	12	150
130 PU HD/060/020/5/17	60	20	12	17	180
130 PU HD/060/030/5/15	60	30	13	15	200
130 PU HD/070/025/5/20	70	25	14	20	270
130 PU HD/080/020/5/17	80	20	12	17	235
130 PU HD/080/025/5/20	80	25	14	20	260
130 PU HD/080/025/5/25	80	25	15	25	290







## PEVOTHAN® single flanged rollers with ball bearing

Roller body made of high-quality thermoplastic polyurethane (96° Shore A) moulded around the ball bearing (/5).

 Article code	 mm	 mm	 mm	 mm	 mm	 mm	 mm	 kg
131 PU/062/019/081/026/5/15	81	62	26	19	26	11	15	100
131 PU/062/019/081/026/5/17	81	62	26	19	26	12	17	100
131 PU/050/026,5/090/035/5/12	90	50	35	26,5	35	10	12	120

## PEVOLASTIC® conveyor rollers with ball bearing

PEVOLON® roller body with a non-detachable, mechanically bonded tread made of high-quality thermoplastic polyurethane (96° Shore A) moulded around the ball bearing (/5).

 Article code	 mm	 mm	 mm	 mm	 kg
133 PU/050/020/5/10	50	20	9	10	90
133 PU/080/027/5/20	80	27	14	20	190



Series 131 PU



Series 133 PU

PEVOLON® - PEVOLASTIC®  
PEVOTHAN®

Solid rubber  
wheels and castors

Electrically conductive  
wheels and castors

VULKOLAN® - PEVOPUR®  
PEVODIN® / -Soft

Stainless steel castors

Institutional  
wheels and castors

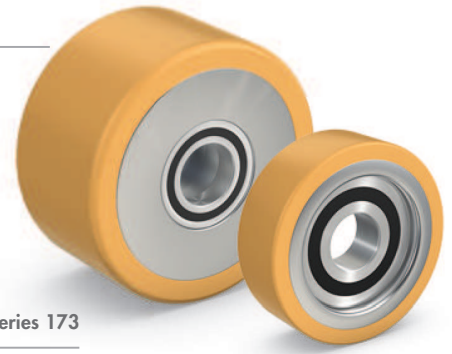
Conveyor/guiding  
rollers and ball units

Profile rollers







Pallet rollers

Press-on Tyres

# VULKOLLAN® guiding rollers



Series 173

 Article code	 mm	 mm	 mm	 mm	 kg
173/040/015/5/10	40	15	8	10	55
173/040/020/5/10	40	20	8	10	70
173/040/025/5/10	40	25	8	10	90
173/050/015/5/10	50	15	9	10	70
173/050/018/5/17	50	18	10	17	80
173/050/020/5/12	50	20	10	12	90
173/055/020/5/12	55	20	10	12	100
173/055/020/5/15	55	20	10	15	100
173/060/020/5/17	60	20	12	17	110
173/060/020/5/20	60	20	12	20	110
173/070/020/5/17	70	20	12	17	125
173/070/020/5/20	70	20	12	20	120
173/070/025/5/20	70	25	14	20	160
173/070/025/5/25	70	25	15	25	160
173/080/025/5/20	80	25	15	20	180
173/080/025/5/25	80	25	15	25	180
173/090/025/5/25	90	25	15	25	200
173/100/025/5/25	100	25	15	25	220
173/120/025/5/20	120	25	15	20	270
173/120/025/5/25	120	25	15	25	270
173/120/030/5/30	120	30	13	30	320
173/125/030/5/20	125	30	30	20	335
173/125/030/5/25	125	30	35	25	335
173/150/050/5/35	150	50	42	35	680
173/150/080/5/35	150	80	80	35	1.030

## VULKOLLAN® guiding rollers with ball bearing

Roller body made of steel with force-fitted roller bearing (/5) and direct bonded VULKOLLAN® tread (93° Shore A).



# Ball units



Series 701

## Ball units with steel housing

Housing bright zinc plated steel or stainless steel. Steel, nylon (N) or stainless steel (R) load ball.

Article code	Ball Ø mm	D mm	D1 mm	H mm	h mm	a mm	b mm	Hole Ø mm	Bolt hole spacing mm	kg
701-20/0-F2	20	29	61	22	10	3	7	5	45	25
701-25/0-F2	25	38	73	30	14	3	8	5	56	55
701-32/0-F2	32	46	73	36	16	4	8	5	59	125
701-40/0-F2	40	56	89	46	22	6	13	7	70	140
701-50/0-F3	50	75	121	59	29	6	14	8	92	340

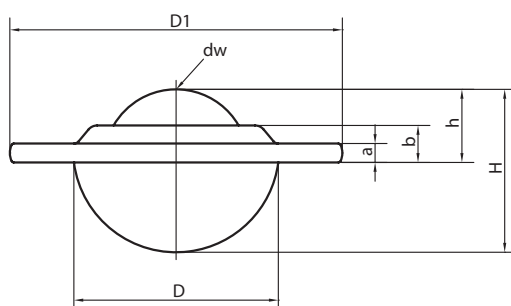
### with nylon ball, zinc housing

701 N-20/0-F2	20	29	61	22	10	3	7	5	45	20
701 N-25/0-F2	25	38	73	30	14	3	8	5	56	25

### stainless steel housing and ball

701 R-20/0-F2	20	29	61	22	10	3	7	5	45	25
701 R-25/0-F2	25	38	73	30	14	3	8	5	56	55
701 R-32/0-F2	32	46	73	36	16	4	8	5	59	125
701 R-40/0-F2	40	56	89	46	22	6	13	7	70	140
701 R-50/0-F3	50	75	121	59	29	6	14	8	92	340

F2 = 2-Fixing holes, F3 = 3-Fixing holes



Design Series 701



# Ball units



Series 702

## Ball units with bolt fixing

Housing bright zinc plated or stainless steel. Steel, nylon (N) or stainless steel (R) load ball.

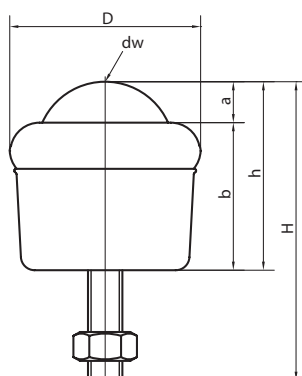
 Article code	Ball Ø mm	D mm	H mm	h mm	a mm	b mm	Fixing bolt mm	 kg
702-19/1	19	32,1	65,2	30,2	4,7	25,4	M8 x 35	20
702-25/1	25	39,7	82,7	39,7	6,3	33,4	M8 x 43	55
702-40/1	40	55,5	96,8	54,8	11,9	42,9	M10 x 42	140

### with nylon ball, zinc plated housing

702 N-19/1	19	32,1	65,2	30,2	4,7	25,4	M8 x 35	20
702 N-25/1	25	39,7	82,7	39,7	6,3	33,4	M8 x 43	25

### stainless steel housing and ball

702 R-19/1	19	32,1	75,2	30,2	4,7	25,4	M8 x 45	20
702 R-25/1	25	39,7	72,7	39,7	6,3	33,4	M8 x 43	55
702 R-40/1	40	55,5	86,8	54,8	11,9	42,9	M10 x 32	140



Design Series 702



# EURO ball units



Series 710/0

## EURO ball units with steel housing

Housing with separate hardened bearing cup, bright zinc plated or stainless steel.  
Steel support ball. Steel, nylon or stainless steel load balls.

 Article code	Ball Ø mm	D mm	D1 mm	H mm	h mm	a mm	b mm	 kg
710-15/0	15	24	31	21,0	9,5	2,8	6,3	60
710-22/0	22	36	45	30,0	9,8	2,8	5,5	160
710-30/0	30	45	55	37,0	13,8	4,0	8,3	300
710-45/0	45	62	75	53,5	19,0	4,0	10,0	610

### with nylon ball, zinc plated housing

710 N-15/0	15	24	31	21,0	9,5	2,8	6,3	10
710 N-22/0	22	36	45	30,0	9,8	2,8	5,5	20
710 N-30/0	30	45	55	37,0	13,8	4,0	8,3	25

### with stainless steel ball, zinc plated housing

710 S-15/0	15	24	31	21,0	9,5	2,8	6,3	60
710 S-22/0	22	36	45	30,0	9,8	2,8	5,5	160
710 S-30/0	30	45	55	37,0	13,8	4,0	8,3	300
710 S-45/0	45	62	75	53,5	19,0	4,0	10,0	610

### stainless steel housing and ball

710 R-15/0	15	24	31	21,0	9,5	2,8	6,3	38
710 R-22/0	22	36	45	30,0	9,8	2,8	5,5	100
710 R-30/0	30	45	55	37,0	13,8	4,0	8,3	200
710 R-45/0	45	62	75	53,5	19,0	4,0	10,0	250

# EURO ball units



Series 710/1

## EURO ball units with steel housing and two slotted holes.

Housing with separate hardened bearing cup, bright zinc plated or stainless steel.  
Steel support ball. Steel, nylon or stainless steel load balls.

Article code	Ball Ø mm	D mm	D1 mm	H mm	h mm	a mm	b mm	Hole Ø mm	Bolt hole spacing mm	kg
710-15/1	15	24	31	21,0	9,5	2,8	6,3	3,5	29	60
710-22/1	22	36	45	30,0	9,8	2,8	5,5	3,5	42	160
710-30/1	30	45	55	37,0	13,8	4,0	8,3	3,5	51	300
710-45/1	45	62	75	53,5	19,0	4,0	10,0	4,3	69	610

### with nylon ball, zinc plated housing

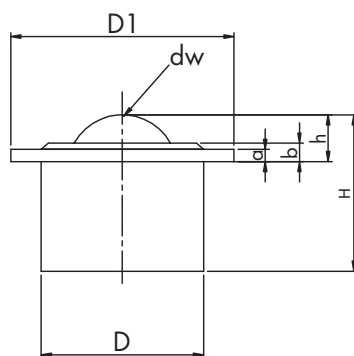
710 N-22/1	22	36	45	30,0	9,8	2,8	5,5	3,5	42	20
710 N-30/1	30	45	55	37,0	13,8	4,0	8,3	3,5	51	25

### with stainless steel ball, zinc plated housing

710 S-22/1	22	36	45	30,0	9,8	2,8	5,5	3,5	42	160
710 S-30/1	30	45	55	37,0	13,8	4,0	8,3	3,5	51	300

### stainless steel housing and ball

710 R-15/1	15	24	31	21,0	9,5	2,8	6,3	3,5	29	38
710 R-22/1	22	36	45	30,0	9,8	2,8	5,5	3,5	42	100



Design Series 710