

Profile rollers



Profile rollers product overview

Profile rollers

FLANGED/GROOVED WHEELS

We produce a variety of flanged and grooved wheels with different dimensions, bearing types and load capacities using materials such as PEVOLON®, steel and grey cast iron.

Due to our efficient plastics and mechanical production with our own mould making, toolmaking and fixture construction, we are able to produce high-quality and cost-efficient products according to your specifications and drawings.



Series E/1
Series F/1
20 - 500 kg
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Series D/1
35 - 380 kg
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Series 107
2.000 - 7.250 kg
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Series 106
500 - 1.500 kg
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PE·VO·LON®
grooved and flanged wheels












Series F/5

Series E/1

								
Article code	mm	mm	mm	mm	mm	mm	mm	kg
E 050/010/1/15	50	40	10	11	25	4	15	30
E 053/023/1/10	53	25	23	25	25	15	10	50
E 060/030/1/12	60	38	30	18	30	20	12	90
E 060/020/1/08	60	53	20	27	20	9	08	50
E 060/030/1/10	60	38	30	32	20	20	10	90
E 073/013/1/10	73	65	13	17	20	8	10	55
E 076/016/1/11	76	67	16	17	28	10	11	90
E 080/022/1/12	80	62	22	25	30	12	12	140
E 100/012/1/10	100	84	12	17	30	3,5	10	85
E 100/025/1/15	100	76	25	28	32	17	15	210
E 100/042/1/20	100	68	42	27	50	28	20	270
E 120/027/1/15	120	88	27	33	40	18	15	300
E 120/022/1/20	120	88	22	27	50	12	20	240
E 126/034/1/30	126	102	34	42	70	14	30	500
E 130/018/1/15	130	110	18	30	30	6	15	150
E 150/033/1/20	150	110	33	42	44	25	20	410
E 150/033/1/25	150	135	33	42	60	15	25	450

E 076/016/5/08	76	67	16	16	28	10	08	90
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Article code	mm	mm	mm	mm	mm	mm	mm	kg
F 045/029/1/08	45	28	29	29	–	24 / 20	9	08
F 050/010/1/10	50	40	10	11	18	6	5	10
F 050/016/1/12	50	40	16	16	–	14 / 10	8	12

F 060/019/5/10	60	40	19	22	–	12 / 10	10	10
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PEVOLON® grooved wheels

High-quality thermoplastic polyamide. With maintenance-free plain bearing (/1) or ball bearings (/5).










PEVOLON® double-flanged wheels

High-quality thermoplastic polyamide. With maintenance-free plain bearing (/1) or ball bearings (/5).

PE·VO·LON®
single-flanged wheels



Series D/1

								
Article code	mm	mm	mm	mm	mm	mm	mm	kg
D 030/015/050/020/1/10	50	30	20	15	20	–	10	35
D 035/025/050/032/1/16	50	35	32	25	34	30	16	80
D 035/028/050/037,5/1/15	50	35	37,5	28	38,5	30	15	80
D 035/028/065/037,5/1/15	65	35	37,5	28	38,5	30	15	80
D 040/012/055/018/1/15	55	40	18	12	18	–	15	40
D 050/020/070/028/1/16	70	50	28	20	30	22	16	100
D 050/024/065/032/1/15	65	50	32	24	29	–	15	100
D 050/020/065/025/1/10	65	50	25	20	25	–	10	90
D 062/019/080/026/1/16	80	62	26	19	29	35	16	100
D 062/019/075/026/1/16	75	62	26	19	29	35	16	100
D 087/025/108/033/1/16	108	87	33	25	33	–	16	200
D 100/032/120/045/1/20	120	100	45	32	40	50	20	280
D 120/030/150/042/1/38	150	120	45	30	45	80	38	380

PEVOLON® single-flanged wheels with plain bearing

High-quality thermoplastic polyamide. With maintenance-free plain bearing (/1).









For more PEVOLON® grooved and flanged wheels with ball bearing, see page 140.

Steel **single-flanged wheels**











Series 107/5

Series 107/2

							
Article code	mm	mm	mm	mm	mm	mm	kg
107 A/200/060/225/075/2/30 H7	225	200	75	60	75	30	4.500
107 A/200/060/225/075/2/40 H7	225	200	75	60	75	40	4.500
107 A/200/060/225/075/2/45 H7	225	200	75	60	75	45	4.500
107 A/200/060/225/075/2/50 H7	225	200	75	60	75	50	4.500
107 A/200/060/225/075/2/60 H7	225	200	75	60	75	60	4.500
107 A/250/060/275/075/2/40 H7	275	250	75	60	75	40	5.600
107 A/250/060/275/075/2/50 H7	275	250	75	60	75	50	5.600
107 A/250/060/275/075/2/60 H7	275	250	75	60	75	60	5.600
107 A/300/065/330/080/2/50 H7	330	300	80	65	80	50	7.250
107 A/300/065/330/080/2/60 H7	330	300	80	65	80	60	7.250

Single-flanged steel wheels with bore

Single-flanged wheels turned from C45 steel (solid material) with cylindrical tread. Wheel centre with bore H7 and keyway according to DIN 6885.

							
Article code	mm	mm	mm	mm	mm	mm	kg
107/160/060/180/075/5/35	180	160	75	60	75	35	2.000
107/200/060/225/075/5/40	225	200	75	60	75	40	2.800
107/250/060/275/075/5/50	275	250	75	60	75	50	4.600

Single-flanged steel wheels with ball bearings

Single-flanged wheels turned from C45 steel (solid material) with cylindrical tread. Wheel centre with ball bearings (/5).










Technical information: The indicated load capacities are obtained from the permissible pressure between wheel and rail with maximum possible rail head width and v = 40 m/min (= 2,4 km/h).

Cast-iron **single-flanged wheels**



Series 106/5

Series 106/1

								
Article code	mm	mm	mm	mm	mm	mm	mm	kg
106/075/030/095/040/1/20	95	75	40	30	47	56	20	500
106/100/036/125/046/1/20	125	100	46	36	54	56	20	750
106/150/036/175/046/1/20	175	150	46	36	52	63	20	850
106/180/033/210/047/1/30	210	180	47	33	52	66	30	1.000
106/200/038/230/056/1/30	230	200	56	38	60	60	30	1.250
106/250/045/290/065/1/40	290	250	65	45	70	92	40	1.500

Grey cast-iron single-flanged wheels

Single-flanged wheels with plain bearing (/1) or ball bearings (/5). Wheel flange and conical tread properly machined.

106/075/030/095/040/5/20	95	75	40	30	47	55	20	500
106/100/036/125/046/5/20	125	100	46	36	54	55	20	750
106/150/036/175/046/5/20	175	150	46	36	52	62	20	850
106/180/033/210/047/5/20	210	180	47	33	52	66	20	1.000
106/200/038/230/056/5/25	230	200	56	38	60	92	25	1.250
106/250/045/290/065/5/30	290	250	65	45	70	92	30	1.500