

Polyurethane wheels for medium- to heavy-duty requirements

The material polyurethane (PU) has a high load capacity with low abrasion. It also features high chemical resistance. These properties make polyurethane suitable for almost any application.

Properties

- ☛ high load capacity
- ☛ without leaving a mark or trace
- ☛ low abrasion
- ☛ impact-resistant
- ☛ low rolling resistance
- ☛ excellent chemical resistance
- ☛ resistant to oil and grease
- ☛ resistant to cutting by metal chips



Shore hardness

approx. 50° Shore A up to approx. 98° Shore A

Temperature range

polyurethane can be used from -20° C to +80° C

the load-carry capacity is reduced at temperatures above +30° C

Bearing types

- ☛ plain bearing (through hole)
- ☛ ball bearing
- ☛ precision bore and keyway groove

areas of use // floors





smooth-running series

Features:

- PUBK wheels:
- polyamide 6 wheel body with ball bearing
- polyurethane tread, approx. 95° shore A
- with thread guards to protect the ball bearing from dust and dirt

Properties:

- high load capacity
- low abrasion, non-marking, low rolling resistance
- excellent chemical resistance, oil and grease resistance
- resistant to cutting by metal chips
- (old designation: PSK)

"Affordable smooth-running series for heavier loads"

floors



floors



Features:

- PUZK wheels:
- polyamide 6 wheel body with ball bearing
- tread made of polyurethane, approx. 95° shore A

Properties:

- high load capacity
- low abrasion, non-marking
- shock-resistant, low rolling resistance
- resistant to oil and grease
- excellent chemical resistance
- resistant to cutting by metal chips
- (old designation: PUSKS)

"Versatile, affordable and optimally designed"



wheels	wheel ø mm	wheel width mm	axle hole ø mm	hub length mm	load-carrying capacity kg
PUBK-080-30-40-K08 Ident No.: 0021578	80	30	8	40	100
PUBK-100-30-40-K08 Ident No.: 0021579	100	30	8	40	150
PUBK-125-35-50-K08 Ident No.: 0028532	125	35	8	50	200
PUBK-160-40-60-K12 Ident No.: 0026625	160	40	12	60	250
PUBK-200-50-60-K12 Ident No.: 0026626	200	50	12	60	300

wheels	wheel ø mm	wheel width mm	axle hole ø mm	hub length mm	load-carrying capacity kg
PUZK-080-35-40-K12 Ident No.: 0015450	80	35	12	40	150
PUZK-100-35-40-K12 Ident No.: 0015451	100	35	12	40	200
PUZK-125-40-50-K15 Ident No.: 0015452	125	40	15	50	250
PUZK-150-45-60-K20 Ident No.: 0015453	150	45	20	60	380
PUZK-160-45-60-K20 Ident No.: 0015454	160	45	20	60	400
PUZK-160-45-60-K25 Ident No.: 0032410	160	45	25	60	380
PUZK-200-50-60-K20 Ident No.: 0015455	200	50	20	60	500
PUZK-200-50-60-K25 Ident No.: 0032982	200	50	25	60	500
PUZK-250-60-75-K25 Ident No.: 0016975	250	60	25	75	700

Suitable castors can be found on pages 143, 272

Suitable castors can be found on pages 146, 161, 191, 289

Matching accessories can be found on page 432

Matching accessories can be found on page 432



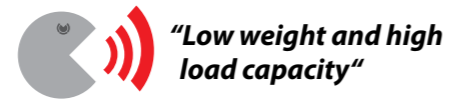
Features:

- PUZA wheels:
- die-cast aluminum wheel body with ball bearing
- tread made of molded polyurethane, approx. 92° shore A
- cylindrical tread

Properties:

- high load capacity
- low abrasion, non-marking, shock-resistant
- low rolling resistance
- excellent chemical resistance, oil and grease resistance
- resistant to cutting by metal chips
- (old designation: PA)

floors



wheels	wheel ø mm	wheel width mm	axle hole ø mm	hub length mm	load-carrying capacity kg
PUZA-080-36-40-K12 Ident No.: 0022513	80	36	12	40	180
PUZA-100-40-40-K12 Ident No.: 0038440	100	40	12	40	280
PUZA-125-40-50-K20 Ident No.: 0038441	125	40	20	50	350
PUZA-150-50-60-K20 Ident No.: 0031297	150	50	20	60	500
PUZA-160-50-60-K20 Ident No.: 0038442	160	50	20	60	500
PUZA-160-50-60-K25 Ident No.: 0036202	160	50	25	60	500
PUZA-180-50-60-K20 Ident No.: 0031726	180	50	20	60	600
PUZA-180-50-60-K25 Ident No.: 0022523	180	50	25	60	600
PUZA-200-50-60-K20 Ident No.: 0038443	200	50	20	60	700
PUZA-200-50-60-K25 Ident No.: 0022527	200	50	25	60	700
PUZA-250-50-60-K25 Ident No.: 0017896	250	50	25	60	800
PUZA-250-60-60-K25 Ident No.: 0013016	250	60	25	60	800

floors

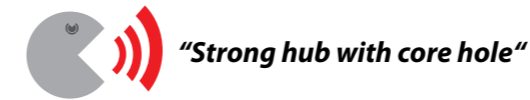


Features:

- PUZG plain bearing wheels:
- wheel body made of special grey cast iron with plain bearing
- tread made of polyurethane, molded, approx. 95° shore A, strong hub with core hole

Properties:

- high load capacity
- low abrasion, non-marking, shock-resistant
- low rolling resistance
- excellent chemical resistance, oil and grease resistance
- resistant to cutting by metal chips
- (old designation: series 4)



wheels	wheel ø mm	wheel width mm	axle hole ø mm	hub length mm	load-carrying capacity kg
PUZG-080-36-36-G15 Ident No.: 0038580	80	36	15	36	250
PUZG-100-30-36-G15 Ident No.: 0011978	100	30	15	36	250
PUZG-125-35-47-G15 Ident No.: 0011982	125	35	15	47	330
PUZG-150-40-47-G20 Ident No.: 0011987	150	40	20	47	500
PUZG-160-40-59-G20 Ident No.: 0035342	160	40	20	59	750
PUZG-200-50-52-G20 Ident No.: 0011993	200	50	20	52	1,000
PUZG-250-50-65-G25 Ident No.: 0011999	250	50	25	65	1,400
PUZG-250-60-65-G25 Ident No.: 0012010	250	60	25	65	1,400
PUZG-300-70-70-G25 Ident No.: 0012017	300	70	25	70	2,100
PUZG-300-100-100-G45 Ident No.: 0030732	300	100	45	100	2.500

Suitable castors can be found on pages 193, 207



Features:

- PUZG wheels:
- wheel body made of special grey cast iron with ball bearing
- tread made of molded polyurethane, approx. 95° shore A

Properties:

- high load capacity
- low abrasion, non-marking, shock-resistant
- low rolling resistance
- excellent chemical resistance
- resistant to oil and grease
- resistant to cutting by metal chips
- (old designation: series 4)

floors



wheels	wheel ø mm	wheel width mm	axle hole ø mm	hub length mm	load-carrying capacity kg
PUZG-080-36-36-K15 Ident No.: 0011972	80	36	15	36	250
PUZG-100-30-36-K15 Ident No.: 0011975	100	30	15	36	250
PUZG-100-40-40-K15 Ident No.: 0033355	100	40	15	40	350
PUZG-100-40-45-K20 Ident No.: 0037450	100	40	20	45	350
PUZG-100-40-47-K15 Ident No.: 0011979	100	40	15	47	350
PUZG-100-40-47-K20 Ident No.: 0011977	100	40	20	47	350
PUZG-100-50-60-K20 Ident No.: 0015910	100	50	20	60	450
PUZG-125-35-47-K15 Ident No.: 0011980	125	35	15	47	300
PUZG-125-40-47-K15 Ident No.: 0011983	125	40	15	47	350
PUZG-125-40-50-K20 Ident No.: 0032321	125	40	20	50	360
PUZG-125-50-50-K20 Ident No.: 0037349	125	50	20	50	400
PUZG-125-50-60-K20 Ident No.: 0038444	125	50	20	60	550
PUZG-150-40-40-K20 Ident No.: 0011986	150	40	20	40	700
PUZG-150-40-47-K20 Ident No.: 0011984	150	40	20	47	500
PUZG-150-50-50-K25 Ident No.: 0011989	150	50	25	50	700
PUZG-150-50-60-K20 Ident No.: 0039227	150	50	20	60	700



wheels	wheel ø mm	wheel width mm	axle hole ø mm	hub length mm	load-carrying capacity kg
PUZG-150-50-60-K25 Ident No.: 0017883	150	50	25	60	700
PUZG-150-60-65-K25 Ident No.: 0011988	150	60	25	65	930
PUZG-160-40-58-K20 Ident No.: 0036892	160	40	20	58	700
PUZG-160-50-50-K30 Ident No.: 0037451	160	50	30	50	800
PUZG-160-50-60-K20 Ident No.: 0038291	160	50	20	60	800
PUZG-175-40-52-K20 Ident No.: 0034537	175	40	20	52	720
PUZG-200-50-50-K25 Ident No.: 0030961	200	50	25	50	900
PUZG-200-50-52-K30 Ident No.: 0031655	200	50	30	52	1,000
PUZG-200-50-60-K25 Ident No.: 0037762	200	50	25	60	1,000
PUZG-200-50-60-K30 Ident No.: 0037162	200	50	30	60	1,000
PUZG-200-60-65-K25 Ident No.: 0011996	200	60	25	65	1,200
PUZG-200-80-80-K30 Ident No.: 0032256	200	80	30	80	1,500
PUZG-200-80-80-K35 Ident No.: 0011997	200	80	35	80	1,500
PUZG-225-50-50-K25 Ident No.: 0036084	225	50	25	50	1,000
PUZG-250-50-60-K25 Ident No.: 0038445	250	50	25	60	1,200
PUZG-250-50-60-K30 Ident No.: 0033351	250	50	30	60	1,200
PUZG-250-60-60-K30 Ident No.: 0038221	250	60	30	60	1,400
PUZG-250-60-60-K25 Ident No.: 0039228	250	60	25	60	1,400
PUZG-250-60-65-K25 Ident No.: 0039229	250	60	25	65	1,400
PUZG-250-80-80-K30 Ident No.: 0032287	250	80	30	80	1,800
PUZG-250-80-80-K35 Ident No.: 0039230	250	80	35	80	1,800
PUZG-250-80-90-K30 Ident No.: 0039200	250	80	30	90	1,800
PUZG-250-100-85-K30 Ident No.: 0027527	250	100	30	85	1,800
PUZG-250-100-100-K35 Ident No.: 0012014	250	100	35	100	2,200
PUZG-300-70-70-K30 Ident No.: 0012019	300	70	30	70	2,200
PUZG-300-80-80-K30 Ident No.: 0012995	300	80	30	80	2,200
PUZG-300-80-80-K35 Ident No.: 0012016	300	80	35	80	2,200
PUZG-300-100-100-K35 Ident No.: 0031516	300	100	35	100	3,000

Suitable castors can be found on pages 210, 231, 232, 243

wheels	wheel ø mm	wheel width mm	axle hole ø mm	hub length mm	load-carrying capacity kg
PUZG-300-100-100-K40 Ident No.: 0012020	300	100	40	100	3,000
PUZG-350-100-100-K40 Ident No.: 0036543	350	100	40	100	3,500
PUZG-350-100-100-K50 Ident No.: 0012021	350	100	50	100	3,500
PUZG-400-60-75-K35 Ident No.: 0040417	400	60	35	75	2,300
PUZG-400-80-80-K40 Ident No.: 0036649	400	80	40	80	3,300
PUZG-400-80-85-K40 Ident No.: 0039746	400	80	40	85	3,300
PUZG-400-80-90-K40 Ident No.: 0036988	400	80	40	90	3,300
PUZG-400-100-100-K40 Ident No.: 0032566	400	100	40	100	3,800
PUZG-400-100-100-K45 Ident No.: 0031204	400	100	45	100	3,800
PUZG-400-100-100-K50 Ident No.: 0012022	400	100	50	100	3,800
PUZG-400-100-100-K60 Ident No.: 0031206	400	100	60	100	3,500
PUZG-450-100-100-K50 Ident No.: 0032981	450	100	50	100	4,000
PUZG-500-100-100-K50 Ident No.: 0012023	500	100	50	100	4,500

floors



Features:

- EPUK wheels:
- wheel body made of polyamide 6 with 2 ball bearings
- tread made of elastic polyurethane, approx. 80° shore A, rounded edges

Properties:

- runs quietly
- non-marking, low abrasion
- impact-resistant, shock-proof
- low rolling resistance
- excellent chemical resistance, oil and grease resistance
- (old designation: PUKS)



"Improved travel comfort thanks to elastic tread surface"

wheels	wheel ø mm	wheel width mm	axle hole ø mm	hub length mm	load-carrying capacity kg
EPUK-080-35-40-K12 Ident No.: 0014301	80	35	12	40	130
EPUK-100-35-40-K12 Ident No.: 0014302	100	35	12	40	180
EPUK-125-40-50-K15 Ident No.: 0014303	125	40	15	50	200
EPUK-150-45-60-K20 Ident No.: 0014304	150	45	20	60	250
EPUK-160-45-60-K20 Ident No.: 0014305	160	45	20	60	300
EPUK-200-48-60-K20 Ident No.: 0014306	200	48	20	60	450
EPUK-250-60-75-K25 Ident No.: 0016971	250	60	25	75	500

Suitable castors can be found on pages 149, 150, 291

Matching accessories can be found on page 432



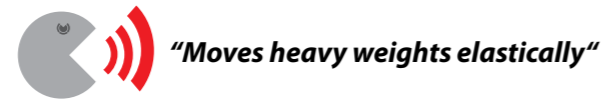
Features:

- EPUA wheels:
- die-cast aluminum wheel body with ball bearing
- tread surface made of molded polyurethane, 78° shore A

Properties:

- high load capacity
- low rolling resistance
- non-marking, runs quietly
- sturdy and shock-resistant
- absorbs vibration
- (old designation: EPA)

floors



wheels	wheel ø mm	wheel width mm	axle hole ø mm	hub length mm	load-carrying capacity kg
EPUA-100-30-40-K12 Ident No.: 0016059	100	30	12	40	200
EPUA-125-40-40-K15 Ident No.: 0016060	125	40	15	40	300
EPUA-150-40-50-K20 Ident No.: 0016061	150	40	20	50	350
EPUA-160-50-60-K20 Ident No.: 0016063	160	50	20	60	500
EPUA-160-50-60-K25 Ident No.: 0030941	160	50	25	60	500
EPUA-180-50-60-K20 Ident No.: 0016064	180	50	20	60	500
EPUA-180-50-60-K25 Ident No.: 0029219	180	50	25	60	500
EPUA-200-50-60-K20 Ident No.: 0016065	200	50	20	60	700
EPUA-200-50-60-K25 Ident No.: 0032845	200	50	25	60	700
EPUA-250-50-60-K20 Ident No.: 0037935	250	50	20	60	900

floors

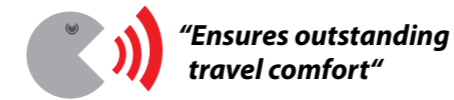


Features:

- EPUG wheels:
- wheel body made of special grey cast iron with ball bearing
- treads made of elastic polyurethane, approx. 78° shore A, with very strong polyurethane cushion

Properties:

- high load capacity
- low rolling resistance
- non-marking
- runs quietly
- sturdy, shock-resistant, moderates vibration
- (old designation: 7/...)



wheels	wheel ø mm	wheel width mm	axle hole ø mm	hub length mm	load-carrying capacity kg
EPUG-100-40-50-K20 Ident No.: 0013796	100	40	20	50	300
EPUG-125-40-50-K20 Ident No.: 0033157	125	40	20	50	310
EPUG-125-50-60-K20 Ident No.: 0013797	125	50	20	60	400
EPUG-140-50-55-K20 Ident No.: 0013798	140	50	20	55	450
EPUG-150-50-60-K20 Ident No.: 0013799	150	50	20	60	450
EPUG-200-50-60-K25 Ident No.: 0013800	200	50	25	60	650
EPUG-250-50-60-K25 Ident No.: 0033290	250	50	25	60	800
EPUG-250-50-60-K30 Ident No.: 0013801	250	50	30	60	800
EPUG-250-80-85-K25 Ident No.: 0013802	250	80	25	85	950
EPUG-250-80-85-K30 Ident No.: 0010541	250	80	30	85	950
EPUG-300-75-75-K30 Ident No.: 0013803	300	75	30	75	1,250
EPUG-300-75-75-K35 Ident No.: 0037615	300	75	35	75	1,250

Suitable castors can be found on pages 195, 213, 214

Suitable castors can be found on page 235

Matching accessories can be found on page 432

Matching accessories can be found on page 432

Features:

- GPSK wheels:
- plastic wheel center with ball and roller bearings
- tread made of expanded (foam) polyurethane
- the alternative to pneumatic tires

Properties:

- minimal impact on floor
- absorbs vibration
- low rolling resistance on uneven floors
- (old designation: PSR)



floors



floors



Features:

- GPVS (PU/R) wheel series with steel rims:
- made of EVA copolymer with roller bearings or ball bearings
- the good travel comfort of pneumatic tires combined with the puncture resistance of solid rubber wheels

- color black

Properties:

- low weight
- minimal impact on floor
- absorbs vibration
- low rolling resistance on uneven floors
- (old designation: PU/R)



wheels	wheel ø mm	wheel width mm	axle hole ø mm	hub length mm	load-carrying capacity kg
GPSK-100-30-37-K08 Ident No.: 0022714	100	30	8	37	60
GPSK-125-30-34-K08 Ident No.: 0022715	125	30	8	34	75
GPSK-150-30-50-K08 Ident No.: 0036949	150	30	8	50	75
GPSK-175-30-60-K08 Ident No.: 0022717	175	30	8	60	75
GPSK-200-50-60-K08 Ident No.: 0036950	200	50	8	60	100
GPVK-245-85-75-R20 Ident No.: 0037214	245	85	20	75	125
GPSK-260-85-75-R20 Ident No.: 0022720	260	85	20	75	200
GPVK-400-90-100-G13-black Ident No.: 0034298	400	90	12.7	100	200

wheels	wheel ø mm	wheel width mm	axle hole ø mm	hub ø mm	hub length mm	load-carrying capacity kg
GPVS-400-90-75-R25 Ident No.: 0037262	400	90	25	50	75	200
GPVS-400-90-75-K25 Ident No.: 0037680	400	90	25	50	75	200

Suitable castors can be found on pages 152, 155

Suitable castors can be found on page 152

Matching accessories can be found on page 432