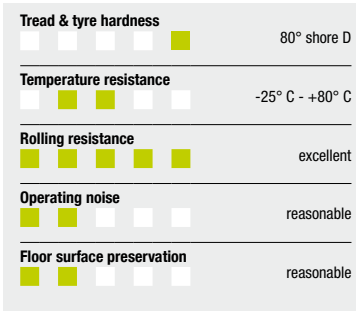


Series: GSPO

Heavy duty wheels made of cast nylon

100 - 50000 kg

RoHS



GSPO-wheel series:

Made of high-quality, impact-resistant, hard and tough, highly compressed cast nylon with extremely high load capacity, 80° shore D hardness, very low rolling and swivel resistance, smooth running performance on even floors, high abrasion resistance, colour natural beige. (Material description page 40)

Bearing types:

- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.
- Spherical roller bearing: Two pressed-in spherical roller bearings, sealed, extremely rugged, very durable, lubricated with long-life grease.

Other features:

High chemical resistance to many aggressive substances (table page 36-37).
Operating temperature: -25° C to +80° C.
At ambient temperatures above +35° C the load capacity is reduced.
The relatively high floor pressure should be considered for pressure-sensitive floors.
Maintenance-free under standard conditions.

Wheel series overview page 50

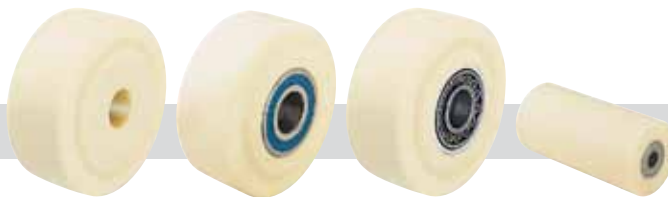
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
GSPO 35/8K	35	28	100 *	Ball bearing	8	28
GSPO 50/15K	50	32	250 *	Ball bearing	15	35
GSPO 60/15K	60	32	350 *	Ball bearing	15	35
GSPO 65/15K	65	40	650 *	Ball bearing	15	45
GSPO 80/20K	80	40	1000 *	Ball bearing	20	45
GSPO 100/20K	100	40	1250 *	Ball bearing	20	45
GSPO 101/25K	100	55	1500 *	Ball bearing	25	60
GSPO 125/25K	125	55	2000 *	Ball bearing	25	60
GSPO 150/30K	150	55	2500	Ball bearing	30	60
GSPO 152/35K	150	80	3000	Ball bearing	35	90
GSPO 200/35K	200	55	3000	Ball bearing	35	60
GSPO 202/45K	200	80	4500	Ball bearing	45	90
GSPO 250/45K	250	65	5000	Ball bearing	45	70
GSPO 252/50K	250	80	6000	Ball bearing	50	90
GSPO 300/55K	300	80	7000	Ball bearing	55	90
GSPO 302/70K	300	110	10000	Ball bearing	70	120
GSPO 400/80K	400	110	12000	Ball bearing	80	120
GSPO 500/100K	500	130	15000	Ball bearing	100	130
GSPO 600/100PR	600	150	21000	Spherical rol. brg.	100	170
GSPO 700/130PR	700	200	30000	Spherical rol. brg.	130	220
GSPO 1000/160PR	1000	250	50000	Spherical rol. brg.	160	280

* Test in accordance to DIN 12532 with extended resting periods in order to avoid thermal overstressing

Further dimensions upon request

14

Options



	Plain bore version	With stainless steel ball bearing **	With spherical roller bearing	Further versions
Technical description page	60	61	61	
Product code suffix		-XK	-PR	
Available for	upon request	upon request	upon request	upon request

** Some dimensions will result in a reduced load capacity (ask for details)

