

## GSPO Series Extra Heavy Duty Wheels made of Cast Nylon

1,450 - 6,600 lbs ✓RoHS

<b>Tread &amp; tire hardness</b>	80° shore D
<b>Temperature resistance</b>	-15° F - +175° F
<b>Rolling resistance</b>	excellent
<b>Operating noise</b>	reasonable
<b>Floor pressure</b>	reasonable

**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, color natural beige.

**Bearing type:**  
• Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

**Other features:**  
High chemical resistance to many aggressive substances.

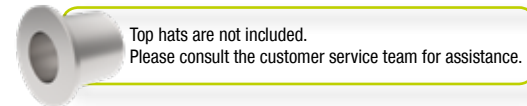
Operating temperature: -15° F to +175° F. At ambient temperatures above +95° F the load capacity is reduced.

The relatively high floor pressure should be considered for pressure-sensitive floors. For more information please refer to page 24 of this catalog.

Maintenance-free under standard conditions.

Wheels	Wheel Ø (D)		Wheel Width (T2)		Load Capacity		Bearing Type	Axle Bore Ø (d) [mm]	Hub Length (T1) [mm]
	[inch]	[mm]	[inch]	[mm]	[lbs]	[kg]			
<b>GSPO 65/15K</b>	2 17/32	[65]	1 1/16	[40]	1450 *	[650]	Ball bearing	15	1 3/4 [45]
<b>GSPO 80/20K</b>	3 1/8	[80]	1 3/16	[40]	2200 *	[1000]	Ball bearing	20	1 3/4 [45]
<b>GSPO 100/20K</b>	4	[100]	1 3/16	[40]	2750 *	[1250]	Ball bearing	20	1 3/4 [45]
<b>GSPO 101/25K</b>	4	[100]	2 1/32	[55]	3300 *	[1500]	Ball bearing	25	2 1/2 [60]
<b>GSPO 125/25K</b>	5	[125]	2 1/32	[55]	4400 *	[2000]	Ball bearing	25	2 1/2 [60]
<b>GSPO 150/30K</b>	6	[150]	2 1/32	[55]	5500	[2500]	Ball bearing	30	2 1/2 [60]
<b>GSPO 152/35K</b>	6	[150]	3 1/8	[80]	6600	[3000]	Ball bearing	35	3 1/2 [90]
<b>GSPO 200/35K</b>	8	[200]	2 1/32	[55]	6600	[3000]	Ball bearing	35	2 1/2 [60]

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



## SPK, SPKGSPO Series Cast Iron Flanged Wheels / Cast Nylon Flanged Wheels

485 - 7,700 lbs ✓RoHS

<b>SPK series:</b>	<b>SPKGSPO series:</b>		
<b>Tread &amp; tire hardness</b>	180 - 220 HB	<b>Tread &amp; tire hardness</b>	80° shore D
<b>Temperature resistance</b>	-150° F - +1110° F	<b>Temperature resistance</b>	-15° F - +175° F
<b>Rolling resistance</b>	excellent	<b>Rolling resistance</b>	excellent
<b>Operating noise</b>	sufficient	<b>Operating noise</b>	reasonable
<b>Floor pressure</b>	sufficient	<b>Floor pressure</b>	reasonable

**SPK-wheel series:**  
Made of rugged gray cast iron, wheel Ø 5" or larger (without flange dimension) with grease fitting, machined flange and tread, with horizontal taper of 3°, exceptionally low rolling resistance, outstanding wear resistance, lacquered, color silver.

**SPKGSPO-wheel series:**  
Made of high-quality, impact-resistant, hard and tough, highly compressed cast nylon, 80° shore D hardness, with horizontal taper of 3°, very low rolling resistance, high abrasion resistance, color natural beige.

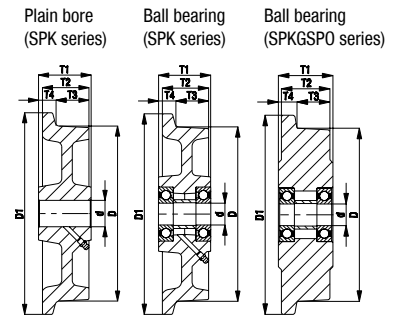
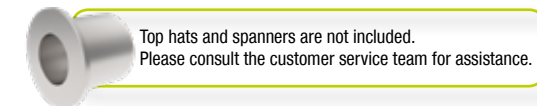
**Bearing types:**  
• Plain bore  
• Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

**Other features SPK series:**  
Operating temperature:  
• Plain bore version: -150° F to +1,110° F, load capacity reduction of 50 % at +1,100° F.  
• Ball bearing version: -15° F to +250° F.  
• Heat-resistant ball bearing version (refer to 'Options'): -20° F to +570° F, load capacity reduction of 50 % at +570° F.  
For plain bore versions, a temperature specific grease must be regularly applied.

**Other features SPKGSPO series:**  
High chemical resistance to many aggressive substances. Operating temperature: -15° F to +175° F. At ambient temperatures above +95° F the load capacity is reduced.  
Maintenance-free under standard conditions.

Flanged Wheels	Wheel Ø w/o Flange (D)	Wheel Ø incl. Flange (D1)	Wheel Width (T2)	Tread Width (T3)	Flange Length (T4)	Load Capacity	Bearing Type	Axle Bore Ø (d)	Hub Length (T1)
	[inch] [mm]	[inch] [mm]	[inch] [mm]	[inch] [mm]	[inch] [mm]	[lbs] [kg]		[mm]	[inch] [mm]
<b>SPK Series</b>									
<b>SPK 50G</b>	2 [50]	2 7/16 [62]	1 1/4 [32]	1 1/32 [26]	7/32 [6]	880 [400]	Plain bore	15	1 1/4 [32]
<b>SPK 75G</b>	3 [75]	4 [100]	1 3/16 [40]	1 1/8 [30]	11/32 [13.5]	1540 [700]	Plain bore	20	1 27/32 [47]
<b>SPK 75K</b>	3 [75]	4 [100]	1 3/16 [40]	1 1/8 [30]	11/32 [13.5]	1540 [700]	Ball bearing	20	1 27/32 [47]
<b>SPK 100G</b>	4 [100]	5 [125]	1 25/32 [46]	1 19/32 [36]	1/2 [13]	1760 [800]	Plain bore	20	2 1/2 [52]
<b>SPK 100K</b>	4 [100]	5 [125]	1 25/32 [46]	1 19/32 [36]	1/2 [13]	1760 [800]	Ball bearing	20	2 1/2 [52]
<b>SPK 125K</b>	5 [125]	5 11/16 [145]	1 25/32 [46]	1 19/32 [36]	1/2 [13]	1980 [900]	Ball bearing	20	2 1/2 [52]
<b>SPK 150K</b>	6 [150]	6 7/8 [175]	1 25/32 [46]	1 19/32 [36]	1/2 [13]	2200 [1000]	Ball bearing	20	2 1/2 [52]
<b>SPK 200K</b>	8 [200]	9 [230]	2 1/16 [53]	1 1/2 [38]	29/32 [20]	3300 [1500]	Ball bearing	25	2 1/2 [60]
<b>SPK 201K</b>	8 [200]	9 [230]	3 1/8 [80]	2 11/32 [60]	1 [25]	6600 [3000]	Ball bearing	40	3 1/2 [90]
<b>SPK 250K</b>	10 [250]	12 [300]	2 17/32 [65]	2 [50]	11/16 [17.5]	5500 [2500]	Ball bearing	30	2 3/4 [70]
<b>SPK 251K</b>	10 [250]	12 [300]	3 1/8 [80]	2 11/32 [60]	1 [25]	7700 [3500]	Ball bearing	40	3 1/2 [90]
<b>SPKGSPO Series</b>									
<b>SPKGSPO 50K</b>	2 [50]	2 7/16 [62]	1 1/4 [32]	1 1/32 [26]	7/32 [6]	485 [220]	Ball bearing	15	1 1/4 [32]
<b>SPKGSPO 75K</b>	3 [75]	4 [100]	1 3/16 [40]	1 1/8 [30]	11/32 [13.5]	835 [380]	Ball bearing	20	1 27/32 [47]
<b>SPKGSPO 100K</b>	4 [100]	5 [125]	1 25/32 [46]	1 19/32 [36]	1/2 [13]	1320 [600]	Ball bearing	20	2 1/2 [52]
<b>SPKGSPO 125K</b>	5 [125]	5 11/16 [145]	1 25/32 [46]	1 19/32 [36]	1/2 [13]	1650 [750]	Ball bearing	20	2 1/2 [52]

The load capacities indicated in the table refer to the following rail profiles in accordance to DIN 536 (crane rail standard):  
SPK 50G to SPK 200K, SPK 250K / SPKGSPO 50K to SPKGSPO 125K : A45  
SPK 201K, SPK 251K: A55



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Plain Bore Version	With Spherical Roller Bearing	Heavy Duty Cast Iron Wheels	Heavy Duty Solid Steel Wheels	With Stainless Steel Ball Bearing **	Further Dimensions ***
	-PR	G series	SVS series	-XK	
Product Code Suffix					
Available for	Consult factory	Consult factory	Consult factory	Consult factory	Consult factory

\*\* Some dimensions will result in a reduced load capacity (consult factory for details)  
\*\*\* Up to a diameter of 40" and a load capacity of 110,000 lbs

More options online!



Further Plain Bore Versions	Heavy Duty Solid Steel Flanged Wheels	With Rigid Rig	With Heat-Resistant Ball Bearing (Oven Bearing)	With Stainless Steel Ball Bearing *	Further Dimensions
		BH / BS series	-IK	-XK	
Product Code Suffix					
Available for	SPKGSPO series Consult factory	SPKVS series Consult factory	SPK series Consult factory	SPKGSPO series Consult factory	Consult factory

\* Some dimensions will result in a reduced load capacity (consult factory for details)