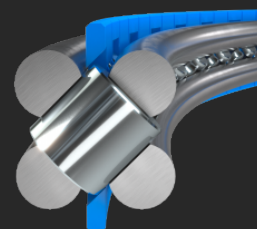


# Crossed roller bearings with ground raceways Type LEW



Franke bearing elements of type LEW offer maximum rigidity with high running smoothness and accuracy.

## Description

Franke bearing elements type LEW are suitable for medium rotational speeds and accuracies. They convince by smooth running even under tilt moment loads, high rigidity and compact installation space. The crosswise arranged rollers can support high loads from all directions. Bearing elements of model LEW are insensitive to shock and vibration. They offer the greatest possible flexibility in terms of preload, running characteristics and diameter ranges.

## Properties

Smooth running	● ● ● ●
Accuracy	● ● ● ●
Speed	● ● ●
Stiffness	● ● ● ● ●
Assembly	● ●
Price	● ● ●

## Technical data

### Material

Ball race rings: hardened and tempered chrome-silicon steel  
Rolling element: hardened rolling bearing steel  
Cage: polyamide or thermoplastic polyurethane

### Operating temperature

-30 °C to +80 °C, short-term up to +100 °C

### Peripheral speed

Max. 2 m/s

### Lubricant

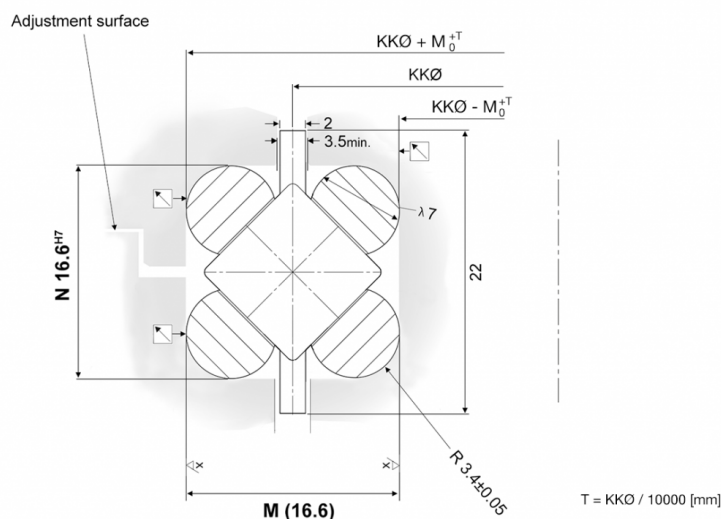
Shell Gadus S3 V220 C2

# Crossed roller bearings with ground raceways Type LEW

Innovation in Motion



## Data tables



### LEW 7 - M x N 16,6 x 16,6 mm

Name	KKØ mm	Load ratings kN				Weight kg	Order no.	Delivery time*	
		C <sub>0a</sub>	C <sub>0r</sub>	C <sub>a</sub>	C <sub>r</sub>				
LEW7-0400	400	350	140	90	47	1,9	607907	up to 20 pcs. 8 weeks	
LEW7-0500	500	440	176	99	52	2,3	607918	up to 20 pcs. 8 weeks	
LEW7-0600	600	530	212	113	59	2,8	607909	up to 20 pcs. 8 weeks	
LEW7-0700	700	624	250	128	67	3,2	607919	up to 20 pcs. 8 weeks	
LEW7-0800	800	714	286	144	75	3,7	607910	up to 20 pcs. 8 weeks	
LEW7-0900	900	804	322	163	85	4,1	607920	up to 20 pcs. 8 weeks	
LEW7-1000	1000	894	358	184	96	4,6	607921	up to 20 pcs. 8 weeks	
LEW7-1100	1100	984	394	207	108	5,1	607922	up to 20 pcs. 8 weeks	
LEW7-1200	1200	1074	430	234	122	5,5	607923	up to 20 pcs. 8 weeks	

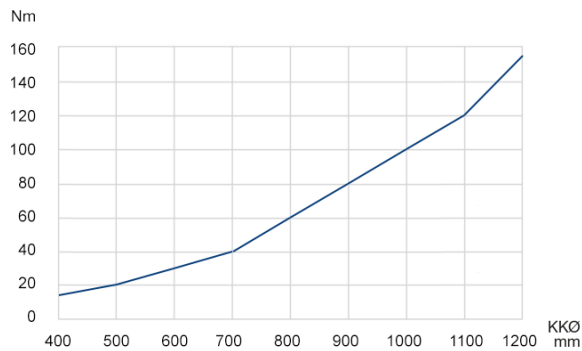
\* Prices and delivery times are ex works Germany and are subject to change without notice. In other countries, prices and delivery times may vary due to different taxes, duties, charges and fees.  
For actual sales prices and delivery conditions in your country, please contact our local representative.

# Crossed roller bearings with ground raceways Type LEW

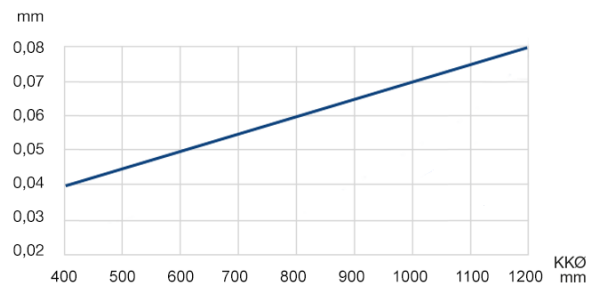
Innovation in Motion



## Rotational resistance



## Radial-/Axial runout accuracy



## Contact

Franke GmbH  
Obere Bahnstraße 64  
73431 Aalen - Germany

Tel. +49 7361 920-0  
Fax +49 7361 920-120  
info@franke-gmbh.de

DIN EN ISO 9001 QM  
DIN EN ISO 14001 QM

Created: 04.09.2024