

Flat cage guidance systems LUE7040 (Series LUE)

L counterstay system with needle roller and cylindrical roller flat cages;
corrosion-resistant design possible

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all the guidelines in these overview pages. Further information is given on many products under the menu item "Description". You can also order comprehensive information via the Catalogue ordering system (https://www.schaeffler.de/content.schaeffler.de/en/news_media/index.jsp) or by telephone on +49 (91 32) 82 - 28 97.

H ₁	89 mm	
A ₁	65 mm	
L _{max}	1000 mm	L > L _{max} by agreement
39)	Hole type 10	
40)	Hole type 03	
45)	Locating bearing guidance system	
46)	Non-locating bearing guidance system	
A ₂	40 mm	
A ₃	25 mm	
A ₄	47 mm	
C ₄	50 mm	

C5 min	20 mm	
C6 min	20 mm	
F1	42500 N	Limit loads: For a theoretical cage length of 100 mm in the main load directions. Calculation of limit loads for effective cage lengths: $F_{w 1/2/3} = F_w 1/2/3 \times (L_k - 2e + t) / 100$ with $Z = ((L_k - 2e) / 100) + 1 = \text{whole number}$
F2	61720 N	Limit loads: For a theoretical cage length of 100 mm in the main load directions. Calculation of limit loads for effective cage lengths: $F_{w 1/2/3} = F_w 1/2/3 \times (L_k - 2e + t) / 100$ with $Z = ((L_k - 2e) / 100) + 1 = \text{whole number}$
F3	21930 N	Limit loads: For a theoretical cage length of 100 mm in the main load directions. Calculation of limit loads for effective cage lengths: $F_{w 1/2/3} = F_w 1/2/3 \times (L_k - 2e + t) / 100$ with $Z = ((L_k - 2e) / 100) + 1 = \text{whole number}$
H	70 mm	Tolerance: 0/-0,2
H2	39,5 mm	
H3	24 mm	
K1	M8	Screws of grade 10.9 should be used
MA		Tightening torques for fixing screws: For screws K1; grade 10.9 M6 = 12 Nm M8 = 29 Nm M12 = 101 Nm

C1	62900 N	Basic dynamic load ratings
C2	57000 N	Basic dynamic load ratings
C3	69900 N	Basic dynamic load ratings



