



Tapered roller bearings JK0S040 (Series JK0S)

integral tapered roller bearings, lip seal on one side,
diameter series 0

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 selection system (<http://www.fag.de/content.fag.de/en/mediathek/library/library.jsp>) or by telephone on +49 (91 32) 82 - 28 97.

d	40 mm
D	68 mm
B	21 mm
a	15,9 mm ≈
C	20,5 mm
D ₁	64,4 mm
d ₁	53,8 mm ≈
d _a	46 mm
d _b	46 mm
d _{max}	
d _{min}	
D _n	69,5 mm Nominal dimension of slot
m/2	0,75 mm
r ₁ , r _{2min}	1 mm
r _a	1 mm
r _{max}	
u	0,03 mm
Δ D _n	+0,19 mm Deviation Δ D _n
Δ u	+0,05 mm Deviation Δ u
m	0,3 kg ≈ Mass, ungreased
	BR68 Designation, snap ring
C _r	53000 N Basic dynamic load rating, radial

C _{0r}	71000 N	Basic static load rating, radial
e	0,37	
Y	1,6	
Y ₀	0,88	
C _{ur}	8300 N	Fatigue limit load, radial
n _g	3200 1/min	Limiting speed for grease lubrication
F _{ett}		
F _{BR}	12900 N	Load carrying capacity of snap ring connection With abutment against a sharp edge
	10600 N	Max. axial assembly clamping force of bearing pair
		Also available with 95% grease filling; designation: JK0S040-J14



