



Tapered roller bearings JK0S080-A (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	80 mm
D	125 mm
B	30 mm
a	28,3 mm ≈
C	29,5 mm
D ₁	119,8 mm
d ₁	104,2 mm ≈
d _a	89 mm
d _b	87 mm
d _{min}	
D _n	127,3 mm Nominal dimension of slot
m/2	1,25 mm
r ₁ , r _{2min}	1,5 mm
r _a	1,5 mm
r _{max}	
u	0,03 mm
Δ D _n	+0,25 mm Deviation Δ D _n
Δ u	+0,05 mm Deviation Δ u
m	1,32 kg ≈ Mass, ungreased
	BR125 Designation, snap ring
C _r	137000 N Basic dynamic load rating, radial

C_{0r}	211000 N	Basic static load rating, radial
e	0,42	
Y	1,42	
Y_0	0,78	
C_{ur}	26000 N	Fatigue limit load, radial
n_G	1600 1/min	Limiting speed for grease lubrication
F_{BR}	40200 N	Load carrying capacity of snap ring connection With abutment against a sharp edge
	27400 N	Max. axial assembly clamping force of bearing pair



