

# KOYO EE161394/161850 tapered roller bearings

KOYO EE161394/161850 tapered roller bearings Engineering Calculator , Manufacturing 80 Outer Diameter (mm) Service . 125 Bore Diameter (mm) Get Your 125x80x22 Size (mm) Free.

Size (mm)	125x80x22
Bore Diameter (mm)	125
Outer Diameter (mm)	80
Width (mm)	22
d	80 mm
D	125 mm
B	22 mm
d1	94.4 mm
D2	114.1 mm
r1,2 – min.	1.1 mm
da – min.	86 mm
da – max.	94.3 mm
Da – max.	119 mm
ra – max.	1 mm
Basic dynamic load rating – C	49.4 kN
Basic static load rating – C0	40 kN
Fatigue load limit – Pu	1.7 kN
Limiting speed	3200 r/min
Calculation factor – kr	0.025
Calculation factor – f0	15.6
d1 ≈	94.4 mm
D2 ≈	114.1 mm

r <sub>1,2</sub> min.	1.1 mm
d <sub>a</sub> min.	86 mm
d <sub>a</sub> max.	94.3 mm
D <sub>a</sub> max.	119 mm
r <sub>a</sub> max.	1 mm
Basic dynamic load rating C	49.4 kN
Basic static load rating C <sub>0</sub>	40 kN
Fatigue load limit P <sub>u</sub>	1.66 kN
Calculation factor k <sub>r</sub>	0.025
Calculation factor f <sub>0</sub>	15.6
Mass bearing	0.87 kg