

# Toyana HM803145/10 tapered roller bearings

Question Toyana HM803145/10 tapered roller bearings ? Find what you need faster by 90 Outer Diameter (mm) entering your 160x90x30 Size (mm) information . 160 Bore Diameter (mm)

Size (mm)	160x90x30
Bore Diameter (mm)	160
Outer Diameter (mm)	90
Width (mm)	30
d	90 mm
D	160 mm
B	30 mm
d1	112.5 mm
D2	142.6 mm
r1,2 – min.	2 mm
da – min.	101 mm
da – max.	112 mm
Da – max.	149 mm
ra – max.	2 mm
Basic dynamic load rating – C	101 kN
Basic static load rating – C0	73.5 kN
Fatigue load limit – Pu	2.8 kN
Limiting speed	2600 r/min
Calculation factor – kr	0.025
Calculation factor – f0	14.7
d1 ≈	112.5 mm
D2 ≈	142.6 mm

r <sub>1,2</sub> min.	2 mm
d <sub>a</sub> min.	101 mm
d <sub>a</sub> max.	112 mm
D <sub>a</sub> max.	149 mm
r <sub>a</sub> max.	2 mm
Basic dynamic load rating C	101 kN
Basic static load rating C <sub>0</sub>	73.5 kN
Fatigue load limit P <sub>u</sub>	2.8 kN
Calculation factor k <sub>r</sub>	0.025
Calculation factor f <sub>0</sub>	14.7
Mass bearing	2.26 kg