

Loyal CRBC5013 crossed cylindrical roller bearing

Loyal CRBC5013 crossed cylindrical roller bearing manufacturer and global supplier of reliable 571.5×431.8×155.575 Size (mm) ball and roller ... Loyal CRBC5013 crossed cylindrical roller bearing Industries Products Manufacturing & Engineering 431,8 Outer Diameter (mm) and Agricultural 571,5 Bore Diameter (mm) Bearings designed to meet the unique requirements of our targeted industries.

Size (mm)	571.5×431.8×155.575
Bore Diameter (mm)	571,5
Outer Diameter (mm)	431,8
Width (mm)	155,575
d	431.8 mm
D	571.5 mm
T	155.575 mm
C	111.125 mm
r1,2 – min.	3.3 mm
r3,4 – min.	1.5 mm
a	254 mm
Basic dynamic load rating – C	1980 kN
Basic static load rating – C0	5100 kN
Fatigue load limit – Pu	405 kN
Comparative radial load rating – CF	480 kN
Comparative axial load rating – CFa	257 kN
Thrust factor – K	1.07
Calculation factor – e	0.54
Calculation factor – Y1	1.25

Calculation factor – Y2	1.8
Calculation factor – Y0	1.3
Mass bearing	100 kg
Design variant/feature	TD0/D
d1 ≈	500 mm
D1 ≈	547 mm
r1,2 min.	3.3 mm
r3,4 min.	1.5 mm
Basic dynamic load rating C	1145 kN
Basic static load rating C0	5100 kN
Fatigue load limit Pu	405 kN
Calculation factor e	0.54
Calculation factor Y1	1.25
Calculation factor Y2	1.8
Calculation factor Y0	1.3
Comparative radial load rating CF	510 kN
Comparative axial load rating CFa	280 kN
Thrust factor K	1.07