

# KOYO 2876/2821 tapered roller bearings

Enjoy High Margins 140 Bore Diameter (mm) on 140x80x26 Size (mm) Competitive Pricing.Great Wholesale Products 80 Outer Diameter (mm) at Low Costs.

Size (mm)	140x80x26
Bore Diameter (mm)	140
Outer Diameter (mm)	80
Width (mm)	26
d	80 mm
D	140 mm
B	26 mm
d1	99.5 mm
d2	99.5 mm
D2	124.3 mm
r1,2 – min.	2 mm
r3,4 – min.	1 mm
a	38.8 mm
da – min.	91 mm
da – max.	98.5 mm
db – min.	91 mm
db – max.	98.5 mm
Da – max.	129 mm
Db – max.	134.4 mm
ra – max.	2 mm
rb – max.	1 mm
Basic dynamic load rating – C	81.9 kN

Basic static load rating – C0	72 kN
Fatigue load limit – Pu	2.9 kN
Limiting speed for grease lubrication	10000 r/min
Ball – Dw	17.462 mm
Ball – z	17
Calculation factor – e	0.68
Calculation factor – Y2	1.41
Calculation factor – Y0	0.76
Calculation factor – X2	0.67
Calculation factor – Y1	0.92
Preload class A – GA	520 N
Preload class B – GB	1040 N
Preload class C – GC	2080 N
Preload class D – GD	4160 N
Calculation factor – f	1.09
Calculation factor – f1	0.99
Calculation factor – f2A	1
Calculation factor – f2B	1.01
Calculation factor – f2C	1.03
Calculation factor – f2D	1.06
Calculation factor – fHC	1.01
Preload class A	286 N/micron
Preload class B	337 N/micron
Preload class C	445 N/micron
Preload class D	600 N/micron
r1,2 min.	2 mm
r3,4 min.	1 mm
da min.	91 mm
da max.	98.5 mm

db min.	91 mm
db max.	98.5 mm
Da max.	129 mm
Db max.	134.4 mm
ra max.	2 mm
rb max.	1 mm
Basic dynamic load rating C	81.9 kN
Basic static load rating C0	72 kN
Fatigue load limit Pu	2.9 kN
Attainable speed for grease lubrication	10000 r/min
Ball diameter Dw	17.462 mm
Number of balls z	17
Preload class A GA	520 N
Static axial stiffness, preload class A	286 N/ $\mu$ m
Preload class B GB	1040 N
Static axial stiffness, preload class B	337 N/ $\mu$ m
Preload class C GC	2080 N
Static axial stiffness, preload class C	445 N/ $\mu$ m
Preload class D GD	4160 N
Static axial stiffness, preload class D	600 N/ $\mu$ m
Calculation factor f	1.09
Calculation factor f1	0.99
Calculation factor f2A	1
Calculation factor f2B	1.01
Calculation factor f2C	1.03
Calculation factor f2D	1.06
Calculation factor fHC	1.01
Calculation factor e	0.68
Calculation factor (single, tandem) Y2	0.87

Calculation factor (single, tandem) Y0	0.38
Calculation factor (single, tandem) X2	0.41
Calculation factor (back-to-back, face-to-face) Y1	0.92
Calculation factor (back-to-back, face-to-face) Y2	1.41
Calculation factor (back-to-back, face-to-face) Y0	0.76
Calculation factor (back-to-back, face-to-face) X2	0.67
Mass bearing	1.28 kg