

KOYO 30248R tapered roller bearings

KOYO 30248R tapered roller bearings Product Brochures , 95 Outer Diameter (mm) Manufacturing 130x95x18 Size (mm) Service . Get Your Free.

Size (mm)	130x95x18
Bore Diameter (mm)	130
Outer Diameter (mm)	95
Width (mm)	18
d	95 mm
D	130 mm
B	18 mm
d1	107.94 mm
d2	106.36 mm
D2	120.7 mm
r1,2 – min.	1.1 mm
r3,4 – min.	0.6 mm
a	28.2 mm
da – min.	101 mm
db – min.	101 mm
Da – max.	124 mm
Db – max.	126.8 mm
ra – max.	1 mm
rb – max.	0.6 mm
dn	109 mm
Basic dynamic load rating – C	18.2 kN
Basic static load rating – C0	18.6 kN

Fatigue load limit – Pu	0.75 kN
Limiting speed for grease lubrication	13000 r/min
Limiting speed for oil lubrication	20000 mm/min
Ball – Dw	7.144 mm
Ball – z	38
Gref	7.5 cm ³
Calculation factor – f ₀	10
Preload class A – GA	60 N
Preload class B – GB	120 N
Preload class C – GC	360 N
Calculation factor – f	1
Calculation factor – f _{2A}	1
Calculation factor – f _{2B}	1.02
Calculation factor – f _{2C}	1.07
Calculation factor – f _{HC}	1
Preload class A	56 N/micron
Preload class B	73 N/micron
Preload class C	117 N/micron
r _{1,2} min.	1.1 mm
r _{3,4} min.	0.6 mm
d _a min.	101 mm
d _b min.	101 mm
D _a max.	124 mm
D _b max.	126.8 mm
r _a max.	1 mm
r _b max.	0.6 mm
Basic dynamic load rating C	24.7 kN
Basic static load rating C ₀	30 kN
Fatigue load limit Pu	0.75 kN

Attainable speed for grease lubrication	13000 r/min
Attainable speed for oil-air lubrication	20000 r/min
Ball diameter D_w	7.144 mm
Number of balls z	38
Reference grease quantity G_{ref}	7.5 cm ³
Preload class A G_A	60 N
Static axial stiffness, preload class A	56 N/ μ m
Preload class B G_B	120 N
Static axial stiffness, preload class B	73 N/ μ m
Preload class C G_C	360 N
Static axial stiffness, preload class C	117 N/ μ m
Calculation factor f	1.13
Calculation factor f_1	1
Calculation factor f_{2A}	1
Calculation factor f_{2B}	1.02
Calculation factor f_{2C}	1.07
Calculation factor f_{HC}	1
Calculation factor f_0	10
Mass bearing	0.61 kg