

Loyal RT460 bearing

Loyal RT460 bearing with easy-to-use parts graphics, giving you the ability to 95x60x18 Size (mm) check parts availability, pricing, examine remanufactured options.

Size (mm)	95x60x18
Bore Diameter (mm)	95
Outer Diameter (mm)	60
Width (mm)	18
d	60 mm
D	95 mm
B	18 mm
d1	72.74 mm
d2	70.6 mm
D1	82.22 mm
K	0.5 mm
C1	6.3 mm
r1,2 – min.	1.1 mm
r3,4 – min.	0.6 mm
a	19.5 mm
da – min.	66 mm
db – min.	66 mm
Da – max.	89 mm
Db – max.	90.8 mm
ra – max.	1 mm
rb – max.	0.6 mm
dn	74.6 mm
Basic dynamic load rating – C	17.2 kN

Basic static load rating – C0	12.9 kN
Fatigue load limit – Pu	0.54 kN
Limiting speed for grease lubrication	20000 r/min
Limiting speed for oil lubrication	31000 mm/min
Ball – Dw	7.938 mm
Ball – z	25
Gref	5.3 cm ³
Calculation factor – f0	8.5
Preload class A – GA	92 N
Preload class B – GB	275 N
Preload class C – GC	550 N
Calculation factor – f	1
Calculation factor – f2A	1
Calculation factor – f2B	1.03
Calculation factor – f2C	1.05
Calculation factor – fHC	1
Preload class A	48 N/micron
Preload class B	75 N/micron
Preload class C	101 N/micron
r1,2 min.	1.1 mm
r3,4 min.	0.6 mm
da min.	66 mm
db min.	66 mm
Da max.	89 mm
Db max.	90.8 mm
ra max.	1 mm
rb max.	0.6 mm
Basic dynamic load rating C	17.2 kN
Basic static load rating C0	12.9 kN

Fatigue load limit P_u	0.54 kN
Attainable speed for grease lubrication	20000 r/min
Attainable speed for oil-air lubrication	31000 r/min
Ball diameter D_w	7.938 mm
Number of balls z	25
Reference grease quantity G_{ref}	5.3 cm ³
Preload class A G_A	92 N
Static axial stiffness, preload class A	48 N/ μ m
Preload class B G_B	275 N
Static axial stiffness, preload class B	75 N/ μ m
Preload class C G_C	550 N
Static axial stiffness, preload class C	101 N/ μ m
Calculation factor f	1.08
Calculation factor f_1	1
Calculation factor f_{2A}	1
Calculation factor f_{2B}	1.03
Calculation factor f_{2C}	1.05
Calculation factor f_{HC}	1
Calculation factor f_0	8.5
Mass bearing	0.42 kg