

KOYO KDX140 angular contact ball bearings

YOU'LL FIND AN EXTENSIVE 25 Outer Diameter (mm) SELECTION 42x25x9 Size (mm) OF KOYO KDX140 angular contact ball bearings FOR SALE.

Size (mm)	42x25x9
Bore Diameter (mm)	42
Outer Diameter (mm)	25
Width (mm)	9
d	25 mm
D	42 mm
B	9 mm
d1	30.7 mm
d2	29.4 mm
D1	36.39 mm
K	0.5 mm
C1	5.45 mm
r1,2 – min.	0.3 mm
r3,4 – min.	0.15 mm
a	9.2 mm
da – min.	27 mm
db – min.	27 mm
Da – max.	40 mm
Db – max.	41.2 mm
ra – max.	0.3 mm
rb – max.	0.15 mm
dn	31.8 mm

Basic dynamic load rating – C	5.3 kN
Basic static load rating – C0	2.8 kN
Fatigue load limit – Pu	0.12 kN
Limiting speed for grease lubrication	49000 r/min
Limiting speed for oil lubrication	75000 mm/min
Ball – Dw	4.762 mm
Ball – z	16
Gref	0.6 cm ³
Calculation factor – f0	8.1
Preload class A – GA	28 N
Preload class B – GB	85 N
Preload class C – GC	170 N
Calculation factor – f	1
Calculation factor – f2A	1
Calculation factor – f2B	1.04
Calculation factor – f2C	1.08
Calculation factor – fHC	1
Preload class A	20 N/micron
Preload class B	32 N/micron
Preload class C	44 N/micron
r1,2 min.	0.3 mm
r3,4 min.	0.15 mm
da min.	27 mm
db min.	27 mm
Da max.	40 mm
Db max.	41.2 mm
ra max.	0.3 mm
rb max.	0.15 mm
Basic dynamic load rating C	5.27 kN

Basic static load rating C_0	2.85 kN
Fatigue load limit P_u	0.12 kN
Attainable speed for grease lubrication	49000 r/min
Attainable speed for oil-air lubrication	75000 r/min
Ball diameter D_w	4.762 mm
Number of balls z	16
Reference grease quantity G_{ref}	0.6 cm ³
Preload class A G_A	28 N
Static axial stiffness, preload class A	20 N/ μ m
Preload class B G_B	85 N
Static axial stiffness, preload class B	32 N/ μ m
Preload class C G_C	170 N
Static axial stiffness, preload class C	44 N/ μ m
Calculation factor f	1.06
Calculation factor f_1	1
Calculation factor f_{2A}	1
Calculation factor f_{2B}	1.04
Calculation factor f_{2C}	1.08
Calculation factor f_{HC}	1
Calculation factor f_0	8.1
Mass bearing	0.04 kg