ISO 7016 BDT angular contact ball bearings

YOU’LL FIND AN 105x75x16 Size (mm) EXTENSIVE SELECTION OF 105 Bore Diameter (mm) ISO 7016 BDT angular contact ball bearings FOR SALE.

Size (mm)	105x75x16
Bore Diameter (mm)	105
Outer Diameter (mm)	75
Width (mm)	16
d	75 mm
D	105 mm
B	16 mm
d1	84.2 mm
d2	84.2 mm
D1	95.8 mm
b	2 mm
C1	8.6 mm
C2	3.5 mm
C3	2.8 mm
r1,2 – min.	1 mm
r3,4 – min.	0.3 mm
a	20.1 mm
da – min.	79.6 mm
db – min.	79.6 mm
Da – max.	100 mm
Db – max.	103 mm
ra – max.	1 mm

rb – max.	0.3 mm
dn	86.7 mm
Basic dynamic load rating – C	35.8 kN
Basic static load rating – C0	37.5 kN
Fatigue load limit – Pu	1.6 kN
Limiting speed for grease lubrication	15000 r/min
Limiting speed for oil lubrication	22000 mm/min
Ball – Dw	9.525 mm
Ball – z	26
Gref	5.1 cm3
Calculation factor – f0	16.3
Preload class A – GA	130 N
Preload class B – GB	260 N
Preload class C – GC	520 N
Preload class D – GD	1040 N
Calculation factor – f	1
Calculation factor – f2A	1
Calculation factor – f2B	1.07
Calculation factor – f2C	1.12
Calculation factor – f2D	1.18
Calculation factor – fHC	1.04
Preload class A	89 N/micron
Preload class B	122 N/micron
Preload class C	173 N/micron
Preload class D	253 N/micron
r1,2 min.	1 mm
r3,4 min.	0.3 mm
da min.	79.6 mm
db min.	79.6 mm

Da max.	100 mm
Db max.	103 mm
ra max.	1 mm
rb max.	0.3 mm
Basic dynamic load rating C	35.8 kN
Basic static load rating C0	37.5 kN
Fatigue load limit Pu	1.56 kN
Attainable speed for grease lubrication	15000 r/min
Attainable speed for oil-air lubrication	22000 r/min
Ball diameter Dw	9.525 mm
Number of balls z	26
Reference grease quantity Gref	5.1 cm^3
Preload class A GA	130 N
Static axial stiffness, preload class A	89 N/µm
Preload class B GB	260 N
Static axial stiffness, preload class B	122 N/µm
Preload class C GC	520 N
Static axial stiffness, preload class C	173 N/µm
Preload class D GD	1040 N
Static axial stiffness, preload class D	253 N/µm
Calculation factor f	1.21
Calculation factor f1	1
Calculation factor f2A	1
Calculation factor f2B	1.07
Calculation factor f2C	1.12
Calculation factor f2D	1.18
Calculation factor fHC	1.04
Calculation factor f0	16.3
Mass bearing	0.3 kg