KOYO UCSF207H1S6 bearing units

With over 10170 full-service stores, our KOYO UCSF207H1S6 bearing units inventory is extensive and our parts are priced right. within 24 hours. This helps you 70 Outer Diameter (mm) maximize your productivity by 100 Bore Diameter (mm) saving time and your 100x70x16 Size (mm) hard-earned dollars.

Size (mm)	100x70x16
Bore Diameter (mm)	100
Outer Diameter (mm)	70
Width (mm)	16
d	70 mm
D	100 mm
B	16 mm
d1	79.2 mm
d2	79.2 mm
D2	93.72 mm
r1,2 – min.	1 mm
r3,4 – min.	0.3 mm
a	19.4 mm
da – min.	74.6 mm
da – max.	78.6 mm
db – min.	74.6 mm
db – max.	78.6 mm
Da – max.	95.4 mm
Db – max.	98 mm
ra – max.	1 mm

rb – max.	0.3 mm
Basic dynamic load rating – C	34.5 kN
Basic static load rating – C0	34 kN
Fatigue load limit – Pu	1.4 kN
Limiting speed for grease lubrication	16000 r/min
Ball – Dw	9.525 mm
Ball – z	24
Calculation factor – f0	16.2
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	84 N/micron
Preload class B	115 N/micron
Preload class C	164 N/micron
Preload class D	239 N/micron
r1,2 min.	1 mm
r3,4 min.	0.3 mm
da min.	74.6 mm
da max.	78.6 mm
db min.	74.6 mm
db max.	78.6 mm
Da max.	95.4 mm

Db max.	98 mm
ra max.	1 mm
rb max.	0.3 mm
Basic dynamic load rating C	34.5 kN
Basic static load rating C0	34 kN
Fatigue load limit Pu	1.43 kN
Attainable speed for grease lubrication	16000 r/min
Ball diameter Dw	9.525 mm
Number of balls z	24
Preload class A GA	130 N
Static axial stiffness, preload class A	84 N/µm
Preload class B GB	260 N
Static axial stiffness, preload class B	115 N/µm
Preload class C GC	520 N
Static axial stiffness, preload class C	164 N/µm
Preload class D GD	1040 N
Static axial stiffness, preload class D	239 N/µm
Calculation factor f	1.19
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	16.2
Mass bearing	0.29 kg