

# ISO Q312 angular contact ball bearings

What is ISO Q312 angular contact ball bearings in mechanical engineering? Manufacturing Service . Upload 820x530x282 Size (mm) your CAD file for an instant. 820 Bore Diameter (mm)

Size (mm)	820x530x282
Bore Diameter (mm)	820
Outer Diameter (mm)	530
Width (mm)	282
d1	530 mm
D	820 mm
B1	282 mm
d2	659 mm
d3	650 mm
D1	761 mm
B	195 mm
B2	75 mm
B5	97 mm
s1	45.7 mm
r1,2 – min.	6 mm
da – max.	696 mm
db – min.	582 mm
Da – min.	736 mm
Da – max.	797 mm
Ba – min.	20 mm
Ca – min.	2.7 mm
ra – max.	5 mm

Basic dynamic load rating – C	5600 kN
Basic static load rating – C0	11000 kN
Fatigue load limit – Pu	720 kN
Reference speed	530 r/min
Limiting speed	750 r/min
Factor – k1	0.116
Factor – k2	0.106
d2 ≈	659 mm
D1 ≈	761 mm
s1 max.	45.7 mm
r1,2 min.	6 mm
da max.	696 mm
db min.	582 mm
Da min.	736 mm
Da max.	797 mm
Ba min.	20 mm
Ca min.	2.7 mm
ra max.	5 mm
Basic dynamic load rating C	5600 kN
Basic static load rating C0	11000 kN
Fatigue load limit Pu	720 kN
Misalignment factor k1	0.116
Operating clearance factor k2	0.106
Mass bearing + sleeve	440 kg