

ISO GE480D0 plain bearings

What are the dimensions of a ISO GE480D0 plain bearings? Manufacturing Service . Get Your Free, Instant 28x12x8 Size (mm) Quote 12 Outer Diameter (mm)

Size (mm)	28x12x8
Bore Diameter (mm)	28
Outer Diameter (mm)	12
Width (mm)	8
d	12 mm
D	28 mm
B	8 mm
d1	17.1 mm
d2	17.1 mm
D1	22.9 mm
K	0.5 mm
C1	4.9 mm
r1,2 – min.	0.3 mm
r3,4 – min.	0.2 mm
a	6.7 mm
da – min.	14 mm
db – min.	14 mm
Da – max.	26 mm
Db – max.	26.6 mm
ra – max.	0.3 mm
rb – max.	0.2 mm
dn	18 mm
Basic dynamic load rating – C	4.5 kN

Basic static load rating – C0	1.9 kN
Fatigue load limit – Pu	0.08 kN
Limiting speed for grease lubrication	67000 r/min
Limiting speed for oil lubrication	100000 mm/min
Ball – Dw	4.762 mm
Ball – z	10
Gref	0.27 cm ³
Calculation factor – f0	8.7
Preload class A – GA	15 N
Preload class B – GB	30 N
Preload class C – GC	60 N
Preload class D – GD	120 N
Calculation factor – f	1
Calculation factor – f2A	1
Calculation factor – f2B	1.02
Calculation factor – f2C	1.05
Calculation factor – f2D	1.09
Calculation factor – fHC	1
Preload class A	14 N/micron
Preload class B	18 N/micron
Preload class C	25 N/micron
Preload class D	35 N/micron
r1,2 min.	0.3 mm
r3,4 min.	0.2 mm
da min.	14 mm
db min.	14 mm
Da max.	26 mm
Db max.	26.6 mm
ra max.	0.3 mm

rb max.	0.2 mm
Basic dynamic load rating C	4.49 kN
Basic static load rating C0	1.9 kN
Fatigue load limit Pu	0.08 kN
Attainable speed for grease lubrication	67000 r/min
Attainable speed for oil-air lubrication	100000 r/min
Ball diameter Dw	4.762 mm
Number of balls z	10
Reference grease quantity Gref	0.27 cm ³
Preload class A GA	15 N
Static axial stiffness, preload class A	14 N/μm
Preload class B GB	30 N
Static axial stiffness, preload class B	18 N/μm
Preload class C GC	60 N
Static axial stiffness, preload class C	25 N/μm
Preload class D GD	120 N
Static axial stiffness, preload class D	35 N/μm
Calculation factor f	1.03
Calculation factor f1	1
Calculation factor f2A	1
Calculation factor f2B	1.02
Calculation factor f2C	1.05
Calculation factor f2D	1.09
Calculation factor fHC	1
Calculation factor f0	8.7
Mass bearing	0.021 kg