

# 062.20.0544 Bearing/Slewing Bearing

# Slewing Ring/Ball

Welcome to the 062.20.0544 Slewing Bearing/Slewing Ring/Ball Bearing 35 Outer Diameter (mm) online seller. 55x35x10 Size (mm)

Size (mm)	55x35x10
Bore Diameter (mm)	55
Outer Diameter (mm)	35
Width (mm)	10
d	35 mm
D	55 mm
B	10 mm
d1	41.7 mm
d2	40.2 mm
D1	48.29 mm
K	0.5 mm
C1	6.15 mm
r1,2 – min.	0.6 mm
r3,4 – min.	0.3 mm
a	11.4 mm
da – min.	38.2 mm
db – min.	37 mm
Da – max.	51.8 mm
Db – max.	53 mm
ra – max.	0.6 mm

rb – max.	0.3 mm
dn	43 mm
Basic dynamic load rating – C	7.6 kN
Basic static load rating – C0	4.8 kN
Fatigue load limit – Pu	0.2 kN
Limiting speed for grease lubrication	36000 r/min
Limiting speed for oil lubrication	54000 mm/min
Ball – Dw	5.556 mm
Ball – z	19
Gref	0.8 cm <sup>3</sup>
Calculation factor – f0	8.3
Preload class A – GA	41 N
Preload class B – GB	125 N
Preload class C – GC	250 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	28 N/micron
Preload class B	43 N/micron
Preload class C	59 N/micron
r1,2 min.	0.6 mm
r3,4 min.	0.3 mm
da min.	38.2 mm
db min.	37 mm
Da max.	51.8 mm
Db max.	53 mm
ra max.	0.6 mm

rb max.	0.3 mm
Basic dynamic load rating C	7.61 kN
Basic static load rating C0	4.75 kN
Fatigue load limit Pu	0.2 kN
Attainable speed for grease lubrication	36000 r/min
Attainable speed for oil-air lubrication	54000 r/min
Ball diameter Dw	5.556 mm
Number of balls z	19
Reference grease quantity Gref	0.8 cm <sup>3</sup>
Preload class A GA	41 N
Static axial stiffness, preload class A	28 N/μm
Preload class B GB	125 N
Static axial stiffness, preload class B	43 N/μm
Preload class C GC	250 N
Static axial stiffness, preload class C	59 N/μm
Calculation factor f	1.05
Calculation factor f1	1
Calculation factor f2A	1
Calculation factor f2B	1.04
Calculation factor f2C	1.08
Calculation factor fHC	1
Calculation factor fθ	8.3
Mass bearing	0.075 kg