ZEN SF689-2RS deep groove ball bearings

Online shopping 37x25x7 Size (mm) ZEN SF689-2RS deep groove ball bearings from a great selection at Store. … 25 Outer Diameter (mm) Accessories.

Size (mm)	37x25x7
Bore Diameter (mm)	37
Outer Diameter (mm)	25
Width (mm)	7
d	25 mm
D	37 mm
B	7 mm
d1	29.1 mm
d2	29.1 mm
D1	33.1 mm
r1,2 – min.	0.3 mm
r3,4 – min.	0.15 mm
a	7.7 mm
da – min.	27 mm
db – min.	27 mm
Da – max.	35 mm
Db – max.	36.2 mm
ra – max.	0.3 mm
rb – max.	0.15 mm
dn	29.5 mm
Basic dynamic load rating – C	4.2 kN
Basic static load rating – C0	3.2 kN

Fatigue load limit – Pu	0.137 kN
Limiting speed for grease lubrication	45000 r/min
Limiting speed for oil lubrication	70000 mm/min
Ball – Dw	3.175 mm
Ball – z	20
Gref	0.21 cm3
Calculation factor – f0	16.4
Preload class A – GA	22 N
Preload class B – GB	66 N
Preload class C – GC	132 N
Calculation factor – f	1
Calculation factor – f2A	1
Calculation factor – f2B	1.1
Calculation factor – f2C	1.18
Calculation factor – fHC	1.02
Preload class A	29 N/micron
Preload class B	49 N/micron
Preload class C	71 N/micron
r1,2 min.	0.3 mm
r3,4 min.	0.15 mm
da min.	27 mm
db min.	27 mm
Da max.	35 mm
Db max.	36.2 mm
ra max.	0.3 mm
rb max.	0.15 mm
Basic dynamic load rating C	4.16 kN
Basic static load rating C0	3.2 kN
Fatigue load limit Pu	0.137 kN

Attainable speed for grease lubrication	45000 r/min
Attainable speed for oil-air lubrication	70000 r/min
Ball diameter Dw	3.175 mm
Number of balls z	20
Reference grease quantity Gref	0.21 cm^3
Preload class A GA	22 N
Static axial stiffness, preload class A	29 N/µm
Preload class B GB	66 N
Static axial stiffness, preload class B	49 N/µm
Preload class C GC	132 N
Static axial stiffness, preload class C	71 N/µm
Calculation factor f	1.11
Calculation factor f1	1
Calculation factor f2A	1
Calculation factor f2B	1.1
Calculation factor f2C	1.18
Calculation factor fHC	1.02
Calculation factor f0	16.4
Mass bearing	0.019 kg