SKF GEG125ES plain bearings

QuestionSKF GEG125ES plain bearings ? Find what you need faster by entering your 120x85x18 Size (mm) information 85 Outer Diameter (mm) .

Size (mm)	120x85x18
Bore Diameter (mm)	120
Outer Diameter (mm)	85
Width (mm)	18
d	85 mm
D	120 mm
B	18 mm
d1	96 mm
d2	92.9 mm
D1	109.22 mm
r1,2 – min.	1.1 mm
r3,4 – min.	0.6 mm
a	34.1 mm
da – min.	91 mm
db – min.	88.2 mm
Da – max.	114 mm
Db – max.	116.8 mm
ra – max.	1 mm
rb – max.	0.6 mm
dn	98.6 mm
Basic dynamic load rating – C	28.1 kN
Basic static load rating – C0	22 kN
Fatigue load limit – Pu	0.9 kN

Limiting speed for grease lubrication	16500 r/min
Limiting speed for oil lubrication	25000 mm/min
Ball – Dw	11.112 mm
Ball – z	23
Gref	7 cm3
Calculation factor – e	0.68
Calculation factor – Y2	1.41
Calculation factor – Y0	0.76
Calculation factor – X2	0.67
Calculation factor – Y1	0.92
Preload class A – GA	255 N
Preload class B – GB	765 N
Preload class C – GC	1529 N
Calculation factor – f	1.16
Calculation factor – f1	0.98
Calculation factor – f2A	1
Calculation factor – f2B	1.04
Calculation factor – f2C	1.08
Calculation factor – fHC	1.01
Preload class A	175 N/micron
Preload class B	263 N/micron
Preload class C	346 N/micron
r1,2 min.	1.1 mm
r3,4 min.	0.6 mm
da min.	91 mm
db min.	88.2 mm
Da max.	114 mm
Db max.	116.8 mm
ra max.	1 mm

rb max.	0.6 mm
Basic dynamic load rating C	28.1 kN
Basic static load rating C0	22 kN
Fatigue load limit Pu	0.9 kN
Attainable speed for grease lubrication	16500 r/min
Attainable speed for oil-air lubrication	25000 r/min
Ball diameter Dw	11.112 mm
Number of balls z	23
Reference grease quantity Gref	7 cm^3
Preload class A GA	255 N
Static axial stiffness, preload class A	175 N/µm
Preload class B GB	765 N
Static axial stiffness, preload class B	263 N/µm
Preload class C GC	1529 N
Static axial stiffness, preload class C	346 N/µm
Calculation factor f	1.16
Calculation factor f1	0.98
Calculation factor f2A	1
Calculation factor f2B	1.04
Calculation factor f2C	1.08
Calculation factor fHC	1.01
Calculation factor e	0.68
Calculation factor (single, tandem) Y2	0.87
Calculation factor (single, tandem) Y0	0.38
Calculation factor (single, tandem) X2	0.41
Calculation factor (back-to-back, face-to-face) Y1	0.92
Calculation factor (back-to-back, face-to-face) Y2	1.41

Calculation factor (back-to-back, face-to-face) Y0	0.76
Calculation factor (back-to-back, face-to-face) X2	0.67
Mass bearing	0.42 kg