Fersa 27690/27620 tapered roller bearings

Fersa 27690/27620 tapered roller bearings Warehouse offers car parts and car 170 Bore Diameter (mm) accessories. We sell discount online as well 170x110x28 Size (mm) as cheap machinery parts.

Size (mm)	170x110x28
Bore Diameter (mm)	170
Outer Diameter (mm)	110
Width (mm)	28
d	110 mm
D	170 mm
B	28 mm
d1	133.2 mm
d2	130.5 mm
D2	151.9 mm
b	2.2 mm
C1	15.1 mm
C2	6.2 mm
C3	4.2 mm
r1,2 – min.	2 mm
r3,4 – min.	1 mm
a	46.9 mm
da – min.	119 mm
db – min.	119 mm
Da – max.	161 mm
Db – max.	165.4 mm

ra – max.	2 mm
rb – max.	1 mm
dn	134.6 mm
Basic dynamic load rating – C	35.1 kN
Basic static load rating – C0	34 kN
Fatigue load limit – Pu	1.2 kN
Limiting speed for grease lubrication	9000 r/min
Limiting speed for oil lubrication	14000 mm/min
Ball – Dw	11.112 mm
Ball – z	31
Gref	22.25 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	210 N
Preload class B – GB	420 N
Preload class C – GC	1260 N
Calculation factor – f	1.07
Calculation factor – f1	0.99
Calculation factor – f2A	1
Calculation factor – f2B	1.01
Calculation factor – f2C	1.04
Calculation factor – fHC	1
Preload class A	184 N/micron
Preload class B	236 N/micron
Preload class C	355 N/micron
r1,2 min.	2 mm

r3,4 min.	1 mm
da min.	119 mm
db min.	119 mm
Da max.	161 mm
Db max.	165.4 mm
ra max.	2 mm
rb max.	1 mm
Basic dynamic load rating C	46.8 kN
Basic static load rating C0	56 kN
Fatigue load limit Pu	1.22 kN
Attainable speed for grease lubrication	9000 r/min
Attainable speed for oil-air lubrication	14000 r/min
Ball diameter Dw	11.112 mm
Number of balls z	31
Reference grease quantity Gref	22.25 cm^3
Preload class A GA	210 N
Static axial stiffness, preload class A	184 N/µm
Preload class B GB	420 N
Static axial stiffness, preload class B	236 N/µm
Preload class C GC	1260 N
Static axial stiffness, preload class C	355 N/µm
Calculation factor f	1.07
Calculation factor f1	0.99
Calculation factor f2A	1
Calculation factor f2B	1.01
Calculation factor f2C	1.04
Calculation factor fHC	1
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	2.19 kg