

PFI 6005-2RS C3 deep groove ball bearings

How do you find the 190x140x24 Size (mm) PFI 6005-2RS C3 deep groove ball bearings specification? Manufacturers 190 Bore Diameter (mm) 140 Outer Diameter (mm) Online Free check

Size (mm)	190x140x24
Bore Diameter (mm)	190
Outer Diameter (mm)	140
Width (mm)	24
d	140 mm
D	190 mm
B	24 mm
d1	155.4 mm
d2	155.4 mm
D1	174.6 mm
b	2.6 mm
C1	13.3 mm
C2	5.4 mm
C3	2.9 mm
r1,2 – min.	1.5 mm
r3,4 – min.	0.6 mm
a	50.6 mm
da – min.	147 mm
db – min.	147 mm
Da – max.	183 mm
Db – max.	186 mm
ra – max.	1.5 mm

rb – max.	0.6 mm
dn	159.5 mm
Basic dynamic load rating – C	90.4 kN
Basic static load rating – C0	110 kN
Fatigue load limit – Pu	3.6 kN
Limiting speed for grease lubrication	7000 r/min
Limiting speed for oil lubrication	11000 mm/min
Ball – Dw	15.875 mm
Ball – z	29
Gref	21.6 cm ³
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	560 N
Preload class B – GB	1120 N
Preload class C – GC	2240 N
Preload class D – GD	4480 N
Calculation factor – f	1.29
Calculation factor – f1	0.98
Calculation factor – f2A	1
Calculation factor – f2B	1.07
Calculation factor – f2C	1.12
Calculation factor – f2D	1.17
Calculation factor – fHC	1.04
Preload class A	386 N/micron
Preload class B	507 N/micron
Preload class C	681 N/micron

Preload class D	933 N/micron
r _{1,2} min.	1.5 mm
r _{3,4} min.	0.6 mm
d _a min.	147 mm
d _b min.	147 mm
D _a max.	183 mm
D _b max.	186 mm
r _a max.	1.5 mm
r _b max.	0.6 mm
Basic dynamic load rating C	90.4 kN
Basic static load rating C ₀	110 kN
Fatigue load limit P _u	3.65 kN
Attainable speed for grease lubrication	7000 r/min
Attainable speed for oil-air lubrication	11000 r/min
Ball diameter D _w	15.875 mm
Number of balls z	29
Reference grease quantity G _{ref}	21.6 cm ³
Preload class A G _A	560 N
Static axial stiffness, preload class A	386 N/μm
Preload class B G _B	1120 N
Static axial stiffness, preload class B	507 N/μm
Preload class C G _C	2240 N
Static axial stiffness, preload class C	681 N/μm
Preload class D G _D	4480 N
Static axial stiffness, preload class D	933 N/μm
Calculation factor f	1.29
Calculation factor f ₁	0.98
Calculation factor f _{2A}	1
Calculation factor f _{2B}	1.07

Calculation factor f2C	1.12
Calculation factor f2D	1.17
Calculation factor fHC	1.04
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	1.39 kg