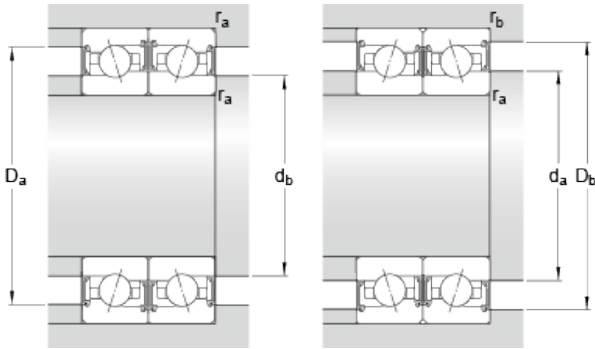




NTL BEARINGS LTD.



S7013 CE/HCP4BVG275 SKF High Speed Angular Contact Ball Bearings

Bearing No. S7013 CE/HCP4BVG275

S7013 CE/HCP4BVG275 Bearing 2D drawings and 3D CAD models

d	65 mm
D	100 mm
B	18 mm
d ₁	77.26 mm
d ₂	74.9 mm
D ₂	91.1 mm
r _{1,2} min.	1.1 mm
r _{3,4} min.	0.6 mm
a	20.2 mm
d _a min.	71 mm
d _a max.	76.5 mm
d _b min.	71 mm
d _b max.	74.1 mm
D _a max.	94 mm
D _b max.	95.8 mm
r _a max.	1 mm
r _b max.	0.6 mm
Basic dynamic load rating C	20.3 kN
Basic static load rating C ₀	15.6 kN
Fatigue load limit P _u	0.655 kN
Attainable speed for grease lubrication	22000 r/min
Ball diameter D _w	8.731 mm
Number of balls z	25
Preload class A G _A	110 N
Static axial stiffness, preload	59 N/ μ m



NTL BEARINGS LTD.

class A	
Preload class B G_B	330 N
Static axial stiffness, preload class B	92 N/ μ m
Preload class C G_C	650 N
Static axial stiffness, preload class C	124 N/ μ m
Calculation factor f	1.09
Calculation factor f_1	1
Calculation factor f_{2A}	1
Calculation factor f_{2B}	1.03
Calculation factor f_{2C}	1.05
Calculation factor f_{HC}	1.01
Calculation factor f_0	8.4
Mass bearing	0.41 kg