



Bearing No. 2220SK

e	0.27
d	100 mm
D	180 mm
B	46 mm
C	46 mm
Y0	2.5
Y2	3.7
Y1	2.4
Mass	4.53 kg
ra max	2 mm
Da max	169 mm
Ce min	8 mm
db min	107 mm
da max	123 mm
da min	111 mm
rs min	2.1 mm
Weight	4,53 Kg
r min.	2,1 mm
Da max.	169 mm
da min.	111 mm
ra max.	2 mm
Size (mm)	100x180x46
Width (mm)	46
Nlim (oil)	3,800 rpm
Nlim (grease)	3,200 rpm
Bearing number	2220SK
Precision class	P0
Dynamic load, C	94.5 kN
Static load, C0	38.5 kN
Bore Diameter (mm)	100

Outer Diameter (mm)	180
Radial clearance class	CN
Calculation factor (e)	0,27
(Oil) Lubrication Speed	3 800 r/min
Calculation factor (Y1)	2,4
Calculation factor (Y0)	2,5
(Grease) Lubrication Speed	3 200 r/min
Associated sleeve reference	H320X
Basic dynamic load rating (C)	94,5 kN
Basic static load rating (C0)	38,5 kN
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C