



Bearing No. 2209S

e	0.3
d	45 mm
D	85 mm
B	23 mm
C	23 mm
Y1	2.1
Y2	3.2
Y0	2.2
Mass	0.52 kg
ra max	1 mm
Weight	0,522 Kg
rs min	1.1 mm
da min	51.5 mm
r min.	1,1 mm
Da max	78.5 mm
ra max.	1 mm
da min.	51,5 mm
Da max.	78,5 mm
Size (mm)	45x85x23
Nlim (oil)	8,500 rpm
Width (mm)	23
Nlim (grease)	7,100 rpm
Bearing number	2209S
Dynamic load, C	23.3 kN
Precision class	P0
Static load, C0	8.15 kN
Bore Diameter (mm)	45
Outer Diameter (mm)	85
Calculation factor (e)	0,3
Radial clearance class	CN

Calculation factor (Y1)	2,1
(Oil) Lubrication Speed	8 500 r/min
Calculation factor (Y0)	2,2
(Grease) Lubrication Speed	7 100 r/min
Basic static load rating (C0)	8,15 kN
Basic dynamic load rating (C)	23,3 kN
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C