



Bearing No. 1309S

e	0.25
d	45 mm
D	100 mm
B	25 mm
C	25 mm
Y1	2.6
Y2	4
Y0	2.7
Mass	0.96 kg
ra max	1.5 mm
Weight	0,955 Kg
rs min	1.5 mm
da min	53 mm
r min.	1,5 mm
Da max	92 mm
ra max.	1,5 mm
da min.	53 mm
Da max.	92 mm
Size (mm)	45x100x25
Nlim (oil)	7,500 rpm
Width (mm)	25
Nlim (grease)	6,000 rpm
Bearing number	1309S
Dynamic load, C	38.5 kN
Precision class	P0
Static load, C0	12.7 kN
Bore Diameter (mm)	45
Outer Diameter (mm)	100
Calculation factor (e)	0,25
Radial clearance class	CN

Calculation factor (Y1)	2,6
(Oil) Lubrication Speed	7 500 r/min
Calculation factor (Y0)	2,7
(Grease) Lubrication Speed	6 000 r/min
Basic static load rating (C0)	12,7 kN
Basic dynamic load rating (C)	38,5 kN
Min operating temperature, T _{min}	-20 °C
Max operating temperature, T _{max}	120 °C