



**Bearing No. 2301S**

e	0.6
d	12 mm
D	37 mm
B	17 mm
C	17 mm
Y1	1.1
Y2	1.6
Y0	1.1
Mass	0.08 kg
ra max	1 mm
Weight	0,082 Kg
rs min	1 mm
da min	17 mm
r min.	1 mm
Da max	32 mm
ra max.	1 mm
da min.	17 mm
Da max.	32 mm
Size (mm)	12x37x17
Nlim (oil)	22,000 rpm
Width (mm)	17
Nlim (grease)	17,000 rpm
Bearing number	2301S
Dynamic load, C	12.1 kN
Precision class	P0
Static load, C0	2.73 kN
Bore Diameter (mm)	12
Outer Diameter (mm)	37
Calculation factor (e)	0,6
Radial clearance class	CN

Calculation factor (Y1)	1,1
(Oil) Lubrication Speed	22 000 r/min
Calculation factor (Y0)	1,1
(Grease) Lubrication Speed	17 000 r/min
Basic static load rating (C0)	2,73 kN
Basic dynamic load rating (C)	12,1 kN
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C