



Bearing No. 32914XU

B	20 mm
C	16 mm
e	0.32
d	70 mm
D	100 mm
T	20 mm
a	18 mm
Sa	4 mm
Sb	4 mm
Y2	1.9
Y0	1.05
d1	85 mm
Mass	0.49 kg
Weight	0,487 Kg
Ca min	4 mm
Db min	96 mm
da max	76 mm
Da max	94.5 mm
rs min	1 mm
Da min	90 mm
db min	75.5 mm
r min.	1 mm
Cb min	4 mm
ra max	1 mm
r1s min	1 mm
r1a max	1 mm
Db min.	96 mm
ra max.	1 mm
db max.	75 mm
Da max.	94,5 mm

da min.	75,5 mm
r1 min.	1 mm
ra1 max.	1 mm
Size (mm)	70x100x20
Nlim (oil)	4,600 rpm
Width (mm)	20
Nlim (grease)	3,400 rpm
Bearing number	32914XU
Dynamic load, C	68.5 kN
Static load, C0	110 kN
ISO 355 reference	T2BC070
Bore Diameter (mm)	70
Outer Diameter (mm)	100
Calculation factor (e)	0,32
Fatigue limit load, Cu	13.4 kN
Calculation factor (Y0)	1,05
(Oil) Lubrication Speed	4 600 r/min
(Grease) Lubrication Speed	3 400 r/min
Rating life coefficient, A2	1
Basic static load rating (C0)	110 kN
Basic dynamic load rating (C)	68,5 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic inner ring frequency, BPF1	16.23 Hz
Characteristic outer ring frequency, BPF0	13.77 Hz
Characteristic rolling	11.82 Hz

element frequency, BSF	
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