



Bearing No. 6303N

D	47 mm
d	17 mm
B	14 mm
C	14 mm
a	2.46 mm
b	1.35 mm
r1	0.5 mm
D1	44.6 mm
Width	14 mm
Weight	0.115 Kg
r min.	1 mm
r1 min.	0.5 mm
a (max)	2.5 mm
da (min)	23 mm
Cy (max)	3.3 mm
Da (max)	41 mm
Dx (min)	53.5 mm
ra (max)	1 mm
Factor fo	12.3
Bore Type	Cylindrical Bore
Enclosure	Open
Size (mm)	17x47x14
Bore Size	17 mm
Width (mm)	14
Groove Width	1.4 mm
Configuration	Single Row
Bearing number	6303N
Groove Diameter	44.6 mm
Outside Diameter	47 mm
Radial Clearance	0.003 to 0.018 mm

Static Load Rating	6,550 N
Bore Diameter (mm)	17
Dynamic Load Rating	13,600 N
Outer Diameter (mm)	47
Limiting Speed - Oil	19,000 rpm
Fillet Radius/Chamfer	1 mm
Limiting Speed - Grease	16,000 rpm
(Grease) Lubrication Speed	15000 r/min
Basic static load rating (C0)	6,55 kN
Basic dynamic load rating (C)	13,6 kN