



Bearing No. 6005N

D	47 mm
d	25 mm
B	12 mm
C	12 mm
a	2.06 mm
b	1.35 mm
r1	0.5 mm
D1	44.6 mm
Width	12 mm
Weight	0.078 Kg
r min.	0.6 mm
r1 min.	0.5 mm
a (max)	2.1 mm
da (min)	29 mm
Cy (max)	2.9 mm
Da (max)	43 mm
Dx (min)	53.5 mm
ra (max)	0.6 mm
Factor fo	14.5
Bore Type	Cylindrical Bore
Enclosure	Open
Size (mm)	25x47x12
Bore Size	25 mm
Width (mm)	12
Groove Width	1.4 mm
Configuration	Single Row
Bearing number	6005N
Groove Diameter	44.6 mm
Outside Diameter	47 mm
Radial Clearance	0.005 to 0.020 mm

Static Load Rating	5,850 N
Bore Diameter (mm)	25
Dynamic Load Rating	10,100 N
Outer Diameter (mm)	47
Limiting Speed - Oil	18,000 rpm
Fillet Radius/Chamfer	0.6 mm
Limiting Speed - Grease	15,000 rpm
(Grease) Lubrication Speed	15000 r/min
Basic static load rating (C0)	5,85 kN
Basic dynamic load rating (C)	10,1 kN