

# Gamet 160090/160161XG tapered roller bearings

What is Gamet 160090/160161XG tapered roller bearings in mechanical engineering? Manufacturing Service . Upload your 35x80x31 Size (mm) CAD file for an instant.

Size (mm)	35x80x31
Bore Diameter (mm)	35
Outer Diameter (mm)	80
Width (mm)	31
d	35 mm
D	80 mm
B	31 mm
C	31 mm
r min.	1,5 mm
da min.	43 mm
Da max.	72 mm
ra max.	1,5 mm
Weight	0,642 Kg
Basic dynamic load rating (C)	40 kN
Basic static load rating (C0)	11,3 kN
(Grease) Lubrication Speed	7 100 r/min
(Oil) Lubrication Speed	9 000 r/min
Calculation factor (e)	0,46
Calculation factor (Y0)	1,4
Calculation factor (Y1)	1,4
rs min	1.5 mm
e	0.46

Y1	1.4
Y2	2.1
Y0	1.4
Radial clearance class	CN
Precision class	P0
Mass	0.64 kg
Dynamic load, C	40 kN
Static load, C0	11.3 kN
Nlim (oil)	9,000 rpm
Nlim (grease)	7,100 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
da min	43 mm
Da max	72 mm
ra max	1.5 mm