

# 12580/12520 Timken

## 20.638×49.225×19.845mm da 26 mm Tapered roller bearings

Bearing number	12580/12520
Size (mm)	20.638×49.225×19.845
Brand	Timken
Bore Diameter (mm)	20.638
Outer Diameter (mm)	49.225
Width (mm)	19.845
d	20.638 mm
D	49.225 mm
T	19.845 mm
B	19.845 mm
C	15.875 mm
R	1.5 mm
r	1.5 mm
a –	7.1 mm
Da	45.5 mm
db	28.5 mm
da	26 mm
Db	42.5 mm
Aa	0.9 mm
Ab	1.1 mm
Weight	0.18 Kg
Basic static load rating (C0)	43.2 kN
Factor (G1)	8.6
Factor (G2)	6.2

Factor (Cg)	0.0109
Factor (K)	1.81
Basic dynamic load rating (C90)	10.5
Basic dynamic load rating (Ca90)	5.79
Basic dynamic load rating (C1)	40.4 kN
Calculation factor (e)	0.32
bore diameter:	0.8125 in
cage material:	Steel
cup width:	0.6250 in
operating temperature range:	-65 to +250 °F
assembly type:	Cone & Cup
dynamic load capacity:	9810 lbf
outside diameter:	1.9380 in
static load capacity:	9720 lbf
cone width:	0.7813 in
finish/coating:	Uncoated
closure type:	Open
series:	12500
bearing material:	Chrome Steel
flange type:	Non-Flanged Cup