

# NTN R08A58V cylindrical roller bearings

NTN R08A58V cylindrical roller bearings, Units and Housings CAD models , Manufacturing 50 mm d Service . Get 12 mm B Your Free.

d	50 mm
D	72 mm
B	12 mm
d1	56.7 mm
d2	54.9 mm
D1	65.3 mm
K	0.5 mm
C1	3.53 mm
r1,2 min.	0.6 mm
r3,4 min.	0.3 mm
a	14.7 mm
da min.	53.2 mm
db min.	52 mm
Da max.	68.8 mm
Db max.	70 mm
ra max.	0.6 mm
rb max.	0.3 mm
dn	58.4 mm
Basic dynamic load rating C	12.7 kN
Basic static load rating C0	8.65 kN
Fatigue load limit Pu	0.365 kN
Attainable speed for grease lubrication	32000 r/min

Attainable speed for oil-air lubrication	48000 r/min
Ball diameter $D_w$	7.144 mm
Number of balls $z$	21
Reference grease quantity $G_{ref}$	1.7 cm <sup>3</sup>
Preload class A $G_A$	69 N
Static axial stiffness, preload class A	42 N/ $\mu$ m
Preload class B $G_B$	210 N
Static axial stiffness, preload class B	68 N/ $\mu$ m
Preload class C $G_C$	410 N
Static axial stiffness, preload class C	92 N/ $\mu$ m
Calculation factor $f$	1.15
Calculation factor $f_1$	1
Calculation factor $f_{2A}$	1
Calculation factor $f_{2B}$	1.05
Calculation factor $f_{2C}$	1.09
Calculation factor $f_{HC}$	1.01
Calculation factor $f_0$	8.4
Mass bearing	0.11 kg