

# NMB MBW8CR plain bearings

NMB MBW8CR plain bearings SEARCH – 120x180x28 Size (mm)  
Whether it's agriculture or construction equipment your working on, Has the you 120 Bore Diameter (mm) need.

Size (mm)	120x180x28
Bore Diameter (mm)	120
Outer Diameter (mm)	180
Width (mm)	28
d	120 mm
D	180 mm
B	28 mm
C	28 mm
d1	141.42 mm
d2	137.8 mm
r1 min.	2 mm
r2 min.	2 mm
r3 min.	1 mm
r4 min.	1 mm
D1	163,2 mm
D2	163.2 mm
da min.	128.8 mm
Da max.	171.2 mm
db min	128,8 mm
ra max.	2 mm
rb max.	1 mm
dh	144,9 mm
Db max	174,4 mm

Weight	2,15 Kg
Basic dynamic load rating (C)	57,2 kN
Basic static load rating (C0)	55 kN
(Grease) Lubrication Speed	9 300 r/min
(Oil) Lubrication Speed	14 500 r/min
Fatigue load limit (Pu)	1,9
r1,2 min.	2 mm
r3,4 min.	1 mm
a	34.3 mm
da max.	140.6 mm
db min.	128.8 mm
db max.	137 mm
Db max.	174.4 mm
Basic dynamic load rating C	57.2 kN
Basic static load rating C0	55 kN
Fatigue load limit Pu	1.9 kN
Attainable speed for grease lubrication	9300 r/min
Ball diameter Dw	14.288 mm
Number of balls z	29
Preload class A GA	310 N
Static axial stiffness, preload class A	104 N/μm
Preload class B GB	930 N
Static axial stiffness, preload class B	164 N/μm
Preload class C GC	1850 N
Static axial stiffness, preload class C	225 N/μm
Calculation factor f	1.12
Calculation factor f1	1
Calculation factor f2A	1
Calculation factor f2B	1.03

Calculation factor $f_{2C}$	1.05
Calculation factor $f_{HC}$	1
Calculation factor $f_{\theta}$	9.6
Mass bearing	2.25 kg