

# Toyana TUP1 20.15 plain bearings

Various 35 mm d types and sizes to accommodate your Toyana TUP1 20.15 plain bearings requirements.

d	35 mm
D	55 mm
B	10 mm
d1	41.6 mm
d2	41.6 mm
D1	48.4 mm
r1,2 min.	0.6 mm
r3,4 min.	0.3 mm
a	11.1 mm
da min.	38.2 mm
db min.	38.2 mm
Da max.	51.8 mm
Db max.	53.6 mm
ra max.	0.6 mm
rb max.	0.3 mm
Basic dynamic load rating C	9.75 kN
Basic static load rating C0	6.55 kN
Fatigue load limit Pu	0.275 kN
Attainable speed for grease lubrication	26000 r/min
Ball diameter Dw	5.556 mm
Number of balls z	21
Reference grease quantity Gref	0.93 cm <sup>3</sup>
Preload class A GA	35 N

Static axial stiffness, preload class A	32 N/ $\mu\text{m}$
Preload class B GB	70 N
Static axial stiffness, preload class B	42 N/ $\mu\text{m}$
Preload class C GC	140 N
Static axial stiffness, preload class C	58 N/ $\mu\text{m}$
Preload class D GD	280 N
Static axial stiffness, preload class D	82 N/ $\mu\text{m}$
Calculation factor f	1.1
Calculation factor f1	1
Calculation factor f2A	1
Calculation factor f2B	1.04
Calculation factor f2C	1.09
Calculation factor f2D	1.15
Calculation factor fHC	1
Calculation factor f $\theta$	10.4
Mass bearing	0.074 kg