

# KOYO DAC358047BW2RS tapered roller bearings

Offer High 55x35x10 Size (mm) Quality Brand KOYO DAC358047BW2RS tapered roller bearings .Contact Us Online to Get Best 35 Outer Diameter (mm) Quote.

Size (mm)	55x35x10
Bore Diameter (mm)	55
Outer Diameter (mm)	35
Width (mm)	10
d	35 mm
D	55 mm
B	10 mm
d1	42.46 mm
d2	41.56 mm
D2	49.5 mm
r1,2 – min.	0.6 mm
r3,4 – min.	0.3 mm
a	13.6 mm
da – min.	38.2 mm
db – min.	38.2 mm
Da – max.	51.8 mm
Db – max.	53 mm
ra – max.	0.6 mm
rb – max.	0.3 mm
dn	43 mm
Basic dynamic load rating – C	5.2 kN
Basic static load rating – C0	3.6 kN

Fatigue load limit – Pu	0.156 kN
Limiting speed for grease lubrication	40000 r/min
Limiting speed for oil lubrication	63000 mm/min
Ball – Dw	3.969 mm
Ball – z	25
Gref	0.96 cm <sup>3</sup>
Calculation factor – f <sub>0</sub>	9.7
Preload class A – GA	17 N
Preload class B – GB	34 N
Preload class C – GC	100 N
Calculation factor – f	1
Calculation factor – f <sub>2A</sub>	1
Calculation factor – f <sub>2B</sub>	1.03
Calculation factor – f <sub>2C</sub>	1.08
Calculation factor – f <sub>HC</sub>	1.01
Preload class A	25 N/micron
Preload class B	33 N/micron
Preload class C	52 N/micron
r <sub>1,2</sub> min.	0.6 mm
r <sub>3,4</sub> min.	0.3 mm
d <sub>a</sub> min.	38.2 mm
d <sub>b</sub> min.	38.2 mm
D <sub>a</sub> max.	51.8 mm
D <sub>b</sub> max.	53 mm
r <sub>a</sub> max.	0.6 mm
r <sub>b</sub> max.	0.3 mm
Basic dynamic load rating C	6.89 kN
Basic static load rating C <sub>0</sub>	6.2 kN
Fatigue load limit Pu	0.156 kN

Attainable speed for grease lubrication	40000 r/min
Attainable speed for oil-air lubrication	63000 r/min
Ball diameter $D_w$	3.969 mm
Number of balls $z$	25
Reference grease quantity $G_{ref}$	0.96 cm <sup>3</sup>
Preload class A $G_A$	17 N
Static axial stiffness, preload class A	25 N/ $\mu$ m
Preload class B $G_B$	34 N
Static axial stiffness, preload class B	33 N/ $\mu$ m
Preload class C $G_C$	100 N
Static axial stiffness, preload class C	52 N/ $\mu$ m
Calculation factor $f$	1.06
Calculation factor $f_1$	1
Calculation factor $f_{2A}$	1
Calculation factor $f_{2B}$	1.03
Calculation factor $f_{2C}$	1.08
Calculation factor $f_{HC}$	1.01
Calculation factor $f_0$	9.7
Mass bearing	0.074 kg