



Bearing No. W 61807 R-2Z

D	47 mm
d	35 mm
B	7 mm
C	1.5 mm
Size (mm)	47x35x7
Width (mm)	7
D <sub>3</sub>	50 mm
d <sub>1</sub>	38.21 mm
D <sub>2</sub>	43.69 mm
D <sub>3</sub>	50 mm
Bearing number	W 61807 R-2Z
Limiting speed	15000 r/min
Reference speed	30000 r/min
d <sub>a</sub> min.	37 mm
r <sub>a</sub> max.	0.3 mm
Bore Diameter (mm)	47
Outer Diameter (mm)	35
r <sub>a</sub> - max.	0.3 mm
r <sub>1,2</sub> min.	0.3 mm
d <sub>a</sub> - min.	37 mm
d <sub>1</sub> ?	38.21 mm
D <sub>2</sub> ?	43.69 mm
r <sub>1,2</sub> - min.	0.3 mm
Basic dynamic load rating C	3.71 kN
Basic dynamic load rating - C	3.7 kN
Calculation factor k <sub>r</sub>	0.02
Fatigue load limit P <sub>u</sub>	0.14 kN
Calculation factor f <sub>0</sub>	14.3

Fatigue load limit - $P_u$	0.14 kN
Calculation factor - $k_f$	0.02
Basic static load rating $C_0$	3.35 kN
Basic static load rating - $C_0$	3.4 kN