



**Bearing No. W 6303-2RZ**

D	47 mm
d	17 mm
B	14 mm
Size (mm)	47x17x14
Width (mm)	14
Mass bearing	0.11 kg
D <sub>2</sub>	41.1 mm
d <sub>1</sub>	27.5 mm
Limiting speed	18000 r/min
Bearing number	W 6303-2RZ
Reference speed	36000 r/min
r <sub>a</sub> max.	1 mm
D <sub>a</sub> max.	42 mm
d <sub>a</sub> max.	27 mm
Bore Diameter (mm)	47
d <sub>a</sub> min.	22 mm
Outer Diameter (mm)	17
D <sub>a</sub> - max.	42 mm
r <sub>a</sub> - max.	1 mm
r <sub>1,2</sub> min.	1 mm
D <sub>2</sub> ?	41.1 mm
d <sub>1</sub> ?	27.5 mm
r <sub>1,2</sub> - min.	1 mm
Basic dynamic load rating C	11.7 kN
Basic dynamic load rating - C	11.7 kN
Fatigue load limit P <sub>u</sub>	0.28 kN
Calculation factor k <sub>r</sub>	0.035
Calculation factor f <sub>0</sub>	12.4

Calculation factor - $f_0$	12.4
Calculation factor - $k_r$	0.035
Fatigue load limit - $P_u$	0.28 kN
Basic static load rating $C_0$	6.55 kN
Basic static load rating - $C_0$	6.6 kN