



### Bearing No. 6318 M

D	190 mm
d	90 mm
B	43 mm
Size (mm)	190x90x43
Width (mm)	43
Mass bearing	6.08 kg
D <sub>2</sub>	163.9 mm
d <sub>1</sub>	121.15 mm
Limiting speed	7000 r/min
Bearing number	6318 M
Reference speed	7500 r/min
r <sub>a</sub> max.	2.5 mm
D <sub>a</sub> max.	176 mm
Bore Diameter (mm)	190
d <sub>a</sub> min.	104 mm
Outer Diameter (mm)	90
D <sub>a</sub> - max.	176 mm
r <sub>a</sub> - max.	2.5 mm
r <sub>1,2</sub> min.	3 mm
d <sub>a</sub> - min.	104 mm
d <sub>1</sub> ?	121.15 mm
D <sub>2</sub> ?	163.9 mm
r <sub>1,2</sub> - min.	3 mm
Basic dynamic load rating C	151 kN
Basic dynamic load rating - C	151 kN
Fatigue load limit P <sub>u</sub>	3.8 kN
Calculation factor k <sub>r</sub>	0.03
Calculation factor f <sub>0</sub>	13.3

Calculation factor - $f_0$	13.3
Calculation factor - $k_r$	0.03
Fatigue load limit - $P_u$	3.8 kN
Basic static load rating $C_0$	108 kN
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