



Bearing No. 22211 EK + H 311

D	100 mm
B	25 mm
b	6 mm
K	3 mm
Size (mm)	100x50x25
Width (mm)	25
d <sub>3</sub>	75 mm
d <sub>1</sub>	50 mm
B <sub>4</sub>	12.5 mm
B <sub>1</sub>	45 mm
d <sub>1</sub>	50 mm
d <sub>2</sub>	65.3 mm
D <sub>1</sub>	88 mm
B <sub>1</sub>	45 mm
B <sub>4</sub>	12.5 mm
d <sub>3</sub>	75 mm
Bearing number	22211 EK + H 311
Limiting speed	8500 r/min
Reference speed	6300 r/min
Bore Diameter (mm)	100
r <sub>a</sub> max.	1.5 mm
B <sub>a</sub> min.	10 mm
D <sub>a</sub> max.	91 mm
d <sub>b</sub> min.	60 mm
d <sub>a</sub> max.	65 mm
Outer Diameter (mm)	50
Calculation factor e	0.24
r <sub>1,2</sub> min.	1.5 mm
r <sub>a</sub> - max.	1.5 mm

$B_a$ - min.	10 mm
$D_a$ - max.	91 mm
$d_b$ - min.	60 mm
$d_a$ - max.	65 mm
$d_2$ ?	65.3 mm
Mass bearing + sleeve	1.1 kg
$D_1$ ?	88 mm
Calculation factor - e	0.24
$r_{1,2}$ - min.	1.5 mm
Basic dynamic load rating C	129 kN
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Fatigue load limit $P_u$	13.7 kN
Calculation factor $Y_1$	2.8
Calculation factor $Y_2$	4.2
Calculation factor $Y_0$	2.8
Calculation factor - $Y_1$	2.8
Calculation factor - $Y_2$	4.2
Fatigue load limit - $P_u$	14 kN
Basic static load rating $C_0$	127 kN
Basic static load rating - $C_0$	127 kN