



Bearing No. 7216 BECBPH

a	59 mm
d	80 mm
D	140 mm
B	26 mm
Size (mm)	140x80x26
Width (mm)	26
Mass bearing	1.45 kg
d <sub>1</sub>	103.55 mm
d <sub>2</sub>	91.44 mm
D <sub>1</sub>	117.85 mm
Limiting speed	5600 r/min
Bearing number	7216 BECBPH
Reference speed	5600 r/min
d <sub>a</sub> min.	91 mm
D <sub>a</sub> max.	130 mm
D <sub>b</sub> max.	134 mm
Bore Diameter (mm)	140
r <sub>a</sub> max.	2 mm
r <sub>b</sub> max.	1 mm
Outer Diameter (mm)	80
r <sub>3,4</sub> min.	1 mm
r <sub>1,2</sub> min.	2 mm
Calculation factor A	0.0801
Calculation factor e	1.14
Calculation factor X	0.57
r <sub>b</sub> - max.	1 mm
r <sub>a</sub> - max.	2 mm
D <sub>b</sub> - max.	134 mm
D <sub>a</sub> - max.	130 mm
d <sub>a</sub> - min.	91 mm

$D_1$ ?	117.85 mm
$d_1$ ?	103.55 mm
$d_2$ ?	91.44 mm
$r_{1,2}$ - min.	2 mm
$r_{3,4}$ - min.	1 mm
Calculation factor - X	0.35
Calculation factor - e	1.14
Basic dynamic load rating C	85 kN
Basic dynamic load rating - C	85 kN
Calculation factor $k_r$	0.095
Calculation factor $Y_0$	0.52
Calculation factor $Y_2$	0.93
Calculation factor $Y_1$	0.55
Fatigue load limit $P_u$	3.05 kN
Calculation factor - $Y_0$	0.26
Calculation factor - $Y_1$	
Calculation factor - $k_a$	1.4
Calculation factor - $k_r$	0.095
Calculation factor - $Y_2$	0.57
Fatigue load limit - $P_u$	3 kN
Basic static load rating $C_0$	75 kN
Basic static load rating - $C_0$	75 kN