



**Bearing No. BT4-8166 E8/C350**

D	546.1 mm
d	409.575 mm
B	334.962 mm
T	334.962 mm
Size (mm)	546.1x409.575x334.962
Width (mm)	334,962
Mass bearing	215 kg
Bearing number	BT4-8166 E8/C350
Thrust factor K	1.47
Thrust factor - K	1.47
Bore Diameter (mm)	546,1
Outer Diameter (mm)	409,575
Calculation factor e	0.4
r <sub>1,2</sub> min.	1.5 mm
r <sub>3,4</sub> min.	6.4 mm
d <sub>1</sub> ?	433 mm
D <sub>1</sub> ?	494 mm
Calculation factor - e	0.4
r <sub>3,4</sub> - min.	6.4 mm
r <sub>1,2</sub> - min.	1.5 mm
Design variant/feature	TQON/GW
Basic dynamic load rating C	5850 kN
Basic dynamic load rating - C	5850 kN
Calculation factor Y <sub>2</sub>	2.5
Fatigue load limit P <sub>u</sub>	965 kN
Calculation factor Y <sub>1</sub>	1.7
Calculation factor Y <sub>0</sub>	1.6
Calculation factor - Y <sub>0</sub>	1.6
Calculation factor - Y	2.5

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Fatigue load limit - $P_u$	965 kN
Calculation factor - $Y_1$	1.7
Basic static load rating $C_0$	12500 kN
Basic static load rating - $C_0$	12500 kN
Comparative radial load rating $C_F$	1250 kN
Comparative axial load rating $C_{Fa}$	241 kN
Comparative axial load rating - $C_{Fa}$	241 kN
Comparative radial load rating - $C_F$	1250 kN