

SKF BT4-8166 E81/C350 tapered roller bearings

SKF BT4-8166 E81/C350 tapered roller bearings Needs Analysis , 120x65x23 Size (mm) 120 Bore Diameter (mm) Manufacturing Service . Get Your Free.

Size (mm)	120x65x23
Bore Diameter (mm)	120
Outer Diameter (mm)	65
Width (mm)	23
d	65 mm
D	120 mm
B	23 mm
d1	84.4 mm
D1	103.2 mm
F	78.5 mm
r1,2 – min.	1.5 mm
r3,4 – min.	1.5 mm
s	1.4 mm
da – min.	74 mm
da – max.	76 mm
db – min.	87 mm
Da – max.	110.6 mm
ra – max.	1.5 mm
Basic dynamic load rating – C	122 kN
Basic static load rating – C0	118 kN
Fatigue load limit – Pu	15.6 kN
Reference speed	6300 r/min

Limiting speed	6700 r/min
Calculation factor – kr	0.15
d1 ≈	84.4 mm
D1 ≈	103.2 mm
r1,2 min.	1.5 mm
r3,4 min.	1.5 mm
s max.	1.4 mm
da min.	74 mm
da max.	76 mm
db min.	87 mm
Da max.	110.6 mm
ra max.	1.5 mm
Basic dynamic load rating C	122 kN
Basic static load rating C0	118 kN
Fatigue load limit Pu	15.6 kN
Calculation factor kr	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	1.2 kg
Angle ring	HJ 213 EC