

Excavator Slewing Bearing, Slewing Ring for Hitachi Ex200-1

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Needs Analysis , 3EC Dimension series Manufacturing Service .
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Dimension series	3EC
d	65 mm
D	120 mm
T	32.75 mm
d1 ≈	90.3 mm
B	31 mm
C	27 mm
r1,2 min.	2 mm
r3,4 min.	1.5 mm
a	26.558 mm
da max.	76 mm
db min.	75.5 mm
Da min.	104 mm
Da max.	111.5 mm
Db min.	115 mm
Ca min.	4 mm
Cb min.	5.5 mm
ra max.	2 mm
rb max.	1.5 mm
Basic dynamic load rating C	186 kN

Basic static load rating C_0	193 kN
Fatigue load limit P_u	22.8 kN
Reference speed	4500 r/min
Limiting speed	5600 r/min
Calculation factor e	0.4
Calculation factor Y	1.5
Calculation factor Y_0	0.8
Mass bearing	1.51 kg