

# 316200 SKF da max. 978 mm 1030x850x74mm Thrust ball bearings

Bearing number	316200
Size (mm)	1030x850x74
Brand	SKF
Bore Diameter (mm)	1030
Outer Diameter (mm)	850
Width (mm)	74
d	850 mm
D	1030 mm
B	74 mm
d <sub>1</sub>	917 mm
E	978 mm
r <sub>1,2</sub> – min.	5 mm
s	7.5 mm
d <sub>a</sub> – min.	868 mm
d <sub>a</sub> – max.	978 mm
D <sub>a</sub> – min.	996 mm
D <sub>a</sub> – max.	1012 mm
r <sub>a</sub> – max.	4 mm
Basic dynamic load rating – C	935 kN
Basic static load rating – C <sub>0</sub>	2120 kN
Fatigue load limit – P <sub>u</sub>	122 kN
Reference speed	1200 r/min
Limiting speed	1600 r/min

Calculation factor – $k_r$	0.02
$d_1 \approx$	917 mm
$r_{1,2}$ min.	5 mm
s max.	7.5 mm
$d_a$ min.	868 mm
$d_a$ max.	978 mm
$D_a$ min.	996 mm
$D_a$ max.	1012 mm
$r_a$ max.	4 mm
Basic dynamic load rating C	935 kN
Basic static load rating $C_0$	2120 kN
Fatigue load limit $P_u$	122 kN
Calculation factor $k_r$	0.02
Limiting value e	0.2
Axial load factor Y	0
Mass bearing	115 kg