

# 307352 SKF 635x465x76mm r1,2 min. 4 mm Angular contact ball bearings

Bearing number	307352
Size (mm)	635x465x76
Brand	SKF
Bore Diameter (mm)	635
Outer Diameter (mm)	465
Width (mm)	76
d	465 mm
D	635 mm
B	76 mm
d <sub>1</sub>	531 mm
d <sub>2</sub>	504 mm
D <sub>1</sub>	570 mm
a	275 mm
r <sub>1,2</sub> – min.	4 mm
r <sub>3,4</sub> – min.	4 mm
d <sub>a</sub> – min.	485 mm
D <sub>a</sub> – max.	615 mm
D <sub>b</sub> – max.	615 mm
r <sub>a</sub> – max.	3 mm
r <sub>b</sub> – max.	3 mm
Basic dynamic load rating – C	468 kN
Basic static load rating – C <sub>0</sub>	980 kN

Fatigue load limit – $P_u$	17.6 kN
Reference speed	900 r/min
Limiting speed	950 r/min
Calculation factor – $k_r$	0.081
Calculation factor – $k_a$	0.7
Calculation factor – $e$	1.14
Calculation factor – $X$	0.35
Calculation factor – $Y_0$	0.26
Calculation factor – $Y_1$	
Calculation factor – $Y_2$	0.57
$d_1 \approx$	531 mm
$d_2 \approx$	504 mm
$D_1 \approx$	570 mm
$r_{1,2}$ min.	4 mm
$r_{3,4}$ min.	4 mm
$d_a$ min.	485 mm
$D_a$ max.	615 mm
$D_b$ max.	615 mm
$r_a$ max.	3 mm
$r_b$ max.	3 mm
Basic dynamic load rating $C$	468 kN
Basic static load rating $C_0$	980 kN
Fatigue load limit $P_u$	17.6 kN
Calculation factor $A$	14.9
Calculation factor $k_r$	0.081
Calculation factor $e$	1.14

Calculation factor X	0.35
Calculation factor $Y_0$	0.26
Calculation factor $Y_2$	0.57
Mass bearing	70.5 kg