

307238 SKF Db max. 591 mm 600x400x90mm Angular contact ball bearings

Bearing number	307238
Size (mm)	600x400x90
Brand	SKF
Bore Diameter (mm)	600
Outer Diameter (mm)	400
Width (mm)	90
d	400 mm
D	600 mm
B	90 mm
d_1	470 mm
D_1	526.65 mm
a	189 mm
$r_{1,2} - \text{min.}$	5 mm
$r_{3,4} - \text{min.}$	2 mm
$d_a - \text{min.}$	418 mm
$D_a - \text{max.}$	582 mm
$D_b - \text{max.}$	591 mm
$r_a - \text{max.}$	4 mm
$r_b - \text{max.}$	2 mm
Basic dynamic load rating – C	605 kN
Basic static load rating – C_0	1180 kN
Fatigue load limit – P_u	22.4 kN

Reference speed	950 r/min
Limiting speed	1200 r/min
Calculation factor – k_r	0.084
Calculation factor – k_a	0.47
Calculation factor – e	0.8
Calculation factor – X	0.39
Calculation factor – Y_0	0.33
Calculation factor – Y_1	
Calculation factor – Y_2	0.76
$d_1 \approx$	470 mm
$D_1 \approx$	526.65 mm
$r_{1,2} \text{ min.}$	5 mm
$r_{3,4} \text{ min.}$	2 mm
$d_a \text{ min.}$	418 mm
$D_a \text{ max.}$	582 mm
$D_b \text{ max.}$	591 mm
$r_a \text{ max.}$	4 mm
$r_b \text{ max.}$	2 mm
Basic dynamic load rating C	605 kN
Basic static load rating C_0	1180 kN
Fatigue load limit P_u	22.4 kN
Calculation factor A	10.5
Calculation factor k_r	0.084
Calculation factor e	0.8
Calculation factor X	0.39
Calculation factor Y_0	0.33

Calculation factor Y_2	0.76
Mass bearing	89.5 kg