

16056 SKF ra max. 2.5 mm 420x280x44mm Deep groove ball bearings

Bearing number	16056
Size (mm)	420x280x44
Brand	SKF
Bore Diameter (mm)	420
Outer Diameter (mm)	280
Width (mm)	44
d	280 mm
D	420 mm
B	44 mm
d_1	327.2 mm
D_1	370.3 mm
$r_{1,2} - \text{min.}$	3 mm
$d_a - \text{min.}$	293 mm
$D_a - \text{max.}$	407 mm
$r_a - \text{max.}$	2.5 mm
Basic dynamic load rating – C	242 kN
Basic static load rating – C_0	335 kN
Fatigue load limit – P_u	7.5 kN
Reference speed	3000 r/min
Limiting speed	1900 r/min
Calculation factor – k_r	0.02
Calculation factor – f_0	16.5

$d_1 \approx$	327.2 mm
$D_1 \approx$	370.3 mm
$r_{1,2} \text{ min.}$	3 mm
$d_a \text{ min.}$	293 mm
$D_a \text{ max.}$	407 mm
$r_a \text{ max.}$	2.5 mm
Basic dynamic load rating C	242 kN
Basic static load rating C_0	335 kN
Fatigue load limit P_u	7.5 kN
Calculation factor k_r	0.02
Calculation factor f_0	16.5
Mass bearing	19 kg