

24152-2CS5/VT143 SKF

Calculation factor – Y0 1.6

440x260x180mm Spherical

roller bearings

Bearing number	24152-2CS5/VT143
Size (mm)	440x260x180
Brand	SKF
Bore Diameter (mm)	440
Outer Diameter (mm)	260
Width (mm)	180
d	260 mm
D	440 mm
B	180 mm
d ₂	286 mm
D ₁	391 mm
b	13.9 mm
K	7.5 mm
r _{1,2} – min.	4 mm
d _a – min.	277 mm
d _a – max.	286 mm
D _a – max.	423 mm
r _a – max.	3 mm
Basic dynamic load rating – C	3092 kN
Basic static load rating – C ₀	4900 kN
Fatigue load limit – P _u	380 kN

Limiting speed	240 r/min
Calculation factor – e	0.4
Calculation factor – Y_1	1.7
Calculation factor – Y_2	2.5
Calculation factor – Y_0	1.6
$d_2 \approx$	286 mm
$D_1 \approx$	391 mm
$r_{1,2}$ min.	4 mm
d_a min.	277 mm
d_a max.	286 mm
D_a max.	423 mm
r_a max.	3 mm
Basic dynamic load rating C	3092 kN
Basic static load rating C_0	4900 kN
Fatigue load limit P_u	380 kN
Calculation factor e	0.4
Calculation factor Y_1	1.7
Calculation factor Y_2	2.5
Calculation factor Y_0	1.6
Mass bearing	109 kg