

# 24136-2CS5/VT143 SKF $d_2 \approx 198$ mm 300x180x118mm Spherical roller bearings

Bearing number	24136-2CS5/VT143
Size (mm)	300x180x118
Brand	SKF
Bore Diameter (mm)	300
Outer Diameter (mm)	180
Width (mm)	118
d	180 mm
D	300 mm
B	118 mm
$d_2$	198 mm
$D_1$	266 mm
b	11.1 mm
K	6 mm
$r_{1,2} - \text{min.}$	3 mm
$d_a - \text{min.}$	194 mm
$d_a - \text{max.}$	198 mm
$D_a - \text{max.}$	286 mm
$r_a - \text{max.}$	2.5 mm
Basic dynamic load rating – C	1452 kN
Basic static load rating – $C_0$	2160 kN
Fatigue load limit – $P_u$	196 kN
Limiting speed	360 r/min
Calculation factor – e	0.37

Calculation factor – $Y_1$	1.8
Calculation factor – $Y_2$	2.7
Calculation factor – $Y_0$	1.8
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Calculation factor $Y_2$	2.7
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Mass bearing	34.5 kg