

# 24132-2CS5/VT143 SKF

## 270x160x109mm r<sub>1,2</sub> min. 2.1 mm Spherical roller bearings

Bearing number	24132-2CS5/VT143
Size (mm)	270x160x109
Brand	SKF
Bore Diameter (mm)	270
Outer Diameter (mm)	160
Width (mm)	109
d	160 mm
D	270 mm
B	109 mm
d <sub>2</sub>	176 mm
D <sub>1</sub>	239 mm
b	8.3 mm
K	4.5 mm
r <sub>1,2</sub> – min.	2.1 mm
d <sub>a</sub> – min.	172 mm
d <sub>a</sub> – max.	176 mm
D <sub>a</sub> – max.	258 mm
r <sub>a</sub> – max.	2 mm
Basic dynamic load rating – C	1229 kN
Basic static load rating – C <sub>0</sub>	1760 kN
Fatigue load limit – P <sub>u</sub>	163 kN
Limiting speed	380 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
Category	Bearings
BDI Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0
Product Group – BDI	B04311
$d_2 \approx$	176 mm
$D_1 \approx$	239 mm
$r_{1,2} \text{ min.}$	2.1 mm
$d_a \text{ min.}$	172 mm
$d_a \text{ max.}$	176 mm
$D_a \text{ max.}$	258 mm
$r_a \text{ max.}$	2 mm
Basic dynamic load rating C	1229 kN
Basic static load rating $C_0$	1760 kN
Fatigue load limit $P_u$	163 kN
Calculation factor e	0.37
Calculation factor $Y_1$	1.8
Calculation factor $Y_2$	2.7
Calculation factor $Y_0$	1.8
Mass bearing	25 kg