

# 24130-2CS5K30/VT143 SKF Basic static load rating – C<sub>0</sub> 1530 kN 250x150x100mm Spherical roller bearings

Bearing number	24130-2CS5K30/VT143
Size (mm)	250x150x100
Brand	SKF
Bore Diameter (mm)	250
Outer Diameter (mm)	150
Width (mm)	100
d	150 mm
D	250 mm
B	100 mm
d <sub>2</sub>	163 mm
D <sub>1</sub>	222 mm
b	8.3 mm
K	4.5 mm
r <sub>1,2</sub> – min.	2.1 mm
d <sub>a</sub> – min.	158 mm
d <sub>a</sub> – max.	163 mm
D <sub>a</sub> – max.	238 mm
r <sub>a</sub> – max.	2 mm
Basic dynamic load rating – C	1056 kN
Basic static load rating – C <sub>0</sub>	1530 kN
Fatigue load limit – P <sub>u</sub>	146 kN

Limiting speed	400 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
$d_2 \approx$	163 mm
$D_1 \approx$	222 mm
$r_{1,2} \text{ min.}$	2.1 mm
$D_a \text{ max.}$	238 mm
$r_a \text{ max.}$	2 mm
Basic dynamic load rating C	1056 kN
Basic static load rating $C_0$	1530 kN
Fatigue load limit $P_u$	146 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	19.5 kg