

# 24140-2CS5/VT143 SKF

## 340x200x140mm Product Group – BDI B04311 Spherical roller bearings

Bearing number	24140-2CS5/VT143
Size (mm)	340x200x140
Brand	SKF
Bore Diameter (mm)	340
Outer Diameter (mm)	200
Width (mm)	140
d	200 mm
D	340 mm
B	140 mm
d <sub>2</sub>	221 mm
D <sub>1</sub>	294 mm
b	11.1 mm
K	6 mm
r <sub>1,2</sub> – min.	3 mm
d <sub>a</sub> – min.	214 mm
d <sub>a</sub> – max.	221 mm
D <sub>a</sub> – max.	326 mm
r <sub>a</sub> – max.	2.5 mm
Basic dynamic load rating – C	1871 kN
Basic static load rating – C <sub>0</sub>	2800 kN
Fatigue load limit – P <sub>u</sub>	232 kN

Limiting speed	320 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	Roller Bearings
BDI Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0
EAN	7316574154326
Product Group – BDI	B04311
$d_2 \approx$	221 mm
$D_1 \approx$	294 mm
$r_{1,2} \text{ min.}$	3 mm
$d_a \text{ min.}$	214 mm
$d_a \text{ max.}$	221 mm
$D_a \text{ max.}$	326 mm
$r_a \text{ max.}$	2.5 mm
Basic dynamic load rating C	1871 kN
Basic static load rating $C_0$	2800 kN
Fatigue load limit $P_u$	232 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	53.5 kg