

# 24128-2CS5/VT143 SKF Basic dynamic load rating C 797 kN 225x140x85mm Spherical roller bearings

Bearing number	24128-2CS5/VT143
Size (mm)	225x140x85
Brand	SKF
Bore Diameter (mm)	225
Outer Diameter (mm)	140
Width (mm)	85
d	140 mm
D	225 mm
B	85 mm
d <sub>2</sub>	153 mm
D <sub>1</sub>	203 mm
b	8.3 mm
K	4.5 mm
r <sub>1,2</sub> – min.	2.1 mm
d <sub>a</sub> – min.	152 mm
d <sub>a</sub> – max.	153 mm
D <sub>a</sub> – max.	213 mm
r <sub>a</sub> – max.	2 mm
Basic dynamic load rating – C	797 kN
Basic static load rating – C <sub>0</sub>	1160 kN
Fatigue load limit – P <sub>u</sub>	112 kN

Limiting speed	450 r/min
Calculation factor – e	0.35
Calculation factor – $Y_1$	1.9
Calculation factor – $Y_2$	2.9
Calculation factor – $Y_0$	1.8
Category	Bearings
BDI Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0
EAN	7316573395560
Product Group – BDI	B04311
$d_2 \approx$	153 mm
$D_1 \approx$	203 mm
$r_{1,2} \text{ min.}$	2.1 mm
$d_a \text{ min.}$	152 mm
$d_a \text{ max.}$	153 mm
$D_a \text{ max.}$	213 mm
$r_a \text{ max.}$	2 mm
Basic dynamic load rating C	797 kN
Basic static load rating $C_0$	1160 kN
Fatigue load limit $P_u$	112 kN
Calculation factor e	0.35
Calculation factor $Y_1$	1.9
Calculation factor $Y_2$	2.9
Calculation factor $Y_0$	1.8
Mass bearing	13.5 kg