

# BS2-2214-2RS/VT143 SKF 125x70x38mm Product Group – BDI B04311 Spherical roller bearings

Bearing number	BS2-2214-2RS/VT143
Size (mm)	125x70x38
Brand	SKF
Bore Diameter (mm)	125
Outer Diameter (mm)	70
Width (mm)	38
d	70 mm
D	125 mm
B	38 mm
d <sub>2</sub>	80.1 mm
D <sub>1</sub>	116 mm
b	6 mm
K	3 mm
r <sub>1,2</sub> – min.	1.5 mm
d <sub>a</sub> – min.	79 mm
d <sub>a</sub> – max.	80 mm
D <sub>a</sub> – max.	116 mm
r <sub>a</sub> – max.	1.5 mm
Basic dynamic load rating – C	213 kN
Basic static load rating – C <sub>0</sub>	228 kN
Fatigue load limit – P <sub>u</sub>	25.5 kN

Limiting speed	2300 r/min
Calculation factor – e	0.23
Calculation factor – $Y_1$	2.9
Calculation factor – $Y_2$	4.4
Calculation factor – $Y_0$	2.8
Category	Roller Bearings
BDI Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0
EAN	7316576193071
Product Group – BDI	B04311
$d_2 \approx$	80.1 mm
$D_1 \approx$	116 mm
$r_{1,2} \text{ min.}$	1.5 mm
$d_a \text{ min.}$	79 mm
$d_a \text{ max.}$	80 mm
$D_a \text{ max.}$	116 mm
$r_a \text{ max.}$	1.5 mm
Basic dynamic load rating C	213 kN
Basic static load rating $C_0$	228 kN
Fatigue load limit $P_u$	25.5 kN
Calculation factor e	0.23
Calculation factor $Y_1$	2.9
Calculation factor $Y_2$	4.4
Calculation factor $Y_0$	2.8
Mass bearing	1.8 kg