

BS2-2218-2RSK/VT143 SKF

160x90x48mm EAN 7316576831508

Spherical roller bearings

Bearing number	BS2-2218-2RSK/VT143
Size (mm)	160x90x48
Brand	SKF
Bore Diameter (mm)	160
Outer Diameter (mm)	90
Width (mm)	48
d	90 mm
D	160 mm
B	48 mm
d ₂	102 mm
D ₁	146 mm
b	6 mm
K	3 mm
r _{1,2} – min.	2 mm
d _a – min.	97.2 mm
d _a – max.	102 mm
D _a – max.	149 mm
r _a – max.	2 mm
Basic dynamic load rating – C	331 kN
Basic static load rating – C ₀	375 kN
Fatigue load limit – P _u	39 kN
Limiting speed	1800 r/min
Calculation factor – e	0.24

Calculation factor – Y_1	2.8
Calculation factor – Y_2	4.2
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	7316576831508
Product Group – BDI	B04311
$d_2 \approx$	102 mm
$D_1 \approx$	146 mm
$r_{1,2} \text{ min.}$	2 mm
$D_a \text{ max.}$	149 mm
$r_a \text{ max.}$	2 mm
Basic dynamic load rating C	331 kN
Basic static load rating C_0	375 kN
Fatigue load limit P_u	39 kN
Calculation factor e	0.24
Calculation factor Y_1	2.8
Calculation factor Y_2	4.2
Calculation factor Y_0	2.8
Mass bearing	3.7 kg
Recommended lock nut tightening angle α	150 °