

BS2-2212-2RS/VT143 SKF

110x60x34mm $D_1 \approx 101$ mm

Spherical roller bearings

Category	Roller Bearings
BDI Inventory	37.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
UNSPSC	23153417
Weight / Kilogram	1.357
EAN	7316574448470
Product Group – BDI	B04311
Bearing number	BS2-2212-2RS/VT143
Size (mm)	110x60x34
Brand	SKF
Bore Diameter (mm)	110
Outer Diameter (mm)	60
Width (mm)	34
d	60 mm
D	110 mm
B	34 mm
d_2	69.7 mm
D_1	101 mm
b	6 mm
K	3 mm
$r_{1,2} - \text{min.}$	1.5 mm
$d_a - \text{min.}$	69 mm

$d_a - \text{max.}$	69.5 mm
$D_a - \text{max.}$	101 mm
$r_a - \text{max.}$	1.5 mm
Basic dynamic load rating – C	159 kN
Basic static load rating – C_0	163 kN
Fatigue load limit – P_u	18 kN
Limiting speed	2700 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
$d_2 \approx$	69.7 mm
$D_1 \approx$	101 mm
$r_{1,2} \text{ min.}$	1.5 mm
$d_a \text{ min.}$	69 mm
$d_a \text{ max.}$	69.5 mm
$D_a \text{ max.}$	101 mm
$r_a \text{ max.}$	1.5 mm
Basic dynamic load rating C	159 kN
Basic static load rating C_0	166 kN
Fatigue load limit P_u	18.6 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	1.3 kg