

BS2-2205-2RS/VT143 SKF

Limiting speed 6100 r/min
52x25x23mm Spherical roller bearings

Category	Roller Bearings
BDI Inventory	4.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.206
EAN	7316574423040
Product Group – BDI	B04311
Bearing number	BS2-2205-2RS/VT143
Size (mm)	52x25x23
Brand	SKF
Bore Diameter (mm)	52
Outer Diameter (mm)	25
Width (mm)	23
d	25 mm
D	52 mm
B	23 mm
d ₂	30 mm
D ₁	46.6 mm
b	4.4 mm
K	2 mm
r _{1,2} – min.	1 mm
d _a – min.	30 mm

$d_a - \text{max.}$	30 mm
$D_a - \text{max.}$	46.4 mm
$r_a - \text{max.}$	1 mm
Basic dynamic load rating – C	49.9 kN
Basic static load rating – C_0	44 kN
Fatigue load limit – P_u	4.8 kN
Limiting speed	6100 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
$d_2 \approx$	30 mm
$D_1 \approx$	46.6 mm
$r_{1,2} \text{ min.}$	1 mm
$d_a \text{ min.}$	30 mm
$d_a \text{ max.}$	30 mm
$D_a \text{ max.}$	46.4 mm
$r_a \text{ max.}$	1 mm
Basic dynamic load rating C	49.9 kN
Basic static load rating C_0	44 kN
Fatigue load limit P_u	4.75 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	0.26 kg