

24122-2CS5/VT143 SKF

Calculation factor Y1 1.9

180x110x69mm Spherical roller bearings

Bearing number	24122-2CS5/VT143
Size (mm)	180x110x69
Brand	SKF
Bore Diameter (mm)	180
Outer Diameter (mm)	110
Width (mm)	69
d	110 mm
D	180 mm
B	69 mm
d ₂	120 mm
D ₁	163 mm
b	6 mm
K	3 mm
r _{1,2} – min.	2 mm
d _a – min.	121 mm
d _a – max.	121 mm
D _a – max.	169 mm
r _a – max.	2 mm
Basic dynamic load rating – C	540 kN
Basic static load rating – C ₀	750 kN
Fatigue load limit – P _u	78 kN

Limiting speed	630 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
UNSPSC	31171510
Weight / Kilogram	0
EAN	7316572250679
Product Group – BDI	B04311
$d_2 \approx$	120 mm
$D_1 \approx$	163 mm
$r_{1,2} \text{ min.}$	2 mm
$d_a \text{ min.}$	121 mm
$d_a \text{ max.}$	121 mm
$D_a \text{ max.}$	169 mm
$r_a \text{ max.}$	2 mm
Basic dynamic load rating C	540 kN
Basic static load rating C_0	750 kN
Fatigue load limit P_u	78 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	7.1 kg
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