



Bearing No. 22311 EK/VA405

D	120 mm
d	55 mm
B	43 mm
b	5.5 mm
K	3 mm
Category	Roller Bearings
Inventory	0.0
Size (mm)	120x55x43
Width (mm)	43
Mass bearing	2.4 kg
Product Group	B04311
d ₂	70.1 mm
D ₁	102 mm
Bearing number	22311 EK/VA405
Limiting speed	5600 r/min
Reference speed	4300 r/min
Weight / Kilogram	2.332
Manufacturer Name	SKF
r _a max.	2 mm
D _a max.	109 mm
Bore Diameter (mm)	120
Outer Diameter (mm)	55
Minimum Buy Quantity	N/A
r _{1,2} min.	2 mm
D _a - max.	109 mm
d _a - min.	62.2 mm
Calculation factor e	0.35
r _a - max.	2 mm
D ₁ ?	102 mm
d ₂ ?	70.1 mm

$r_{1,2}$ - min.	2 mm
Calculation factor - e	0.35
Basic dynamic load rating C	280 kN
Basic dynamic load rating - C	280 kN
Fatigue load limit P_u	30 kN
Calculation factor Y_1	1.9
Calculation factor Y_2	2.9
Calculation factor Y_0	1.8
Calculation factor - Y_2	2.9
Calculation factor - Y_0	1.8
Calculation factor - Y_1	1.9
Fatigue load limit - P_u	30 kN
Basic static load rating C_0	280 kN
Basic static load rating - C_0	280 kN
Recommended lock nut tightening angle ?	115 °
Permissible linear acceleration (oil lubrication)	255 g [m/s]
Permissible rotational acceleration (oil lubrication)	765 g [m/s]