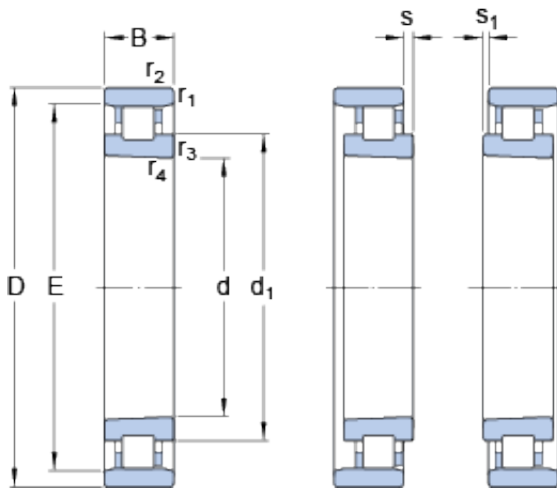




## Lamar parts manufacturing company



### 110 mm x 170 mm x 28 mm SKF N 1022 KTNHA/SP cylindrical roller bearings

Bearing No. N 1022 KTNHA/SP

N 1022 KTNHA/SP Bearing 2D drawings and 3D CAD models

Size	110x170x28 mm
Bore Diameter	110 mm
Outer Diameter	170 mm
Width	28 mm
d	110 mm
D	170 mm
B	28 mm
d <sub>1</sub>	132.6 mm
E	155 mm
r <sub>1,2</sub> - min.	2 mm
r <sub>3,4</sub> - min.	1.1 mm
s	3 mm
s <sub>1</sub>	1 mm
d <sub>a</sub> - min.	119 mm
D <sub>a</sub> - min.	157 mm
D <sub>a</sub> - max.	161 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	125 kN
Basic static load rating - C <sub>0</sub>	173 kN
Fatigue load limit - P <sub>u</sub>	20 kN
Limiting speed for grease lubrication	8500 r/min
Limiting speed for oil lubrication	12000 mm/min
G <sub>ref</sub>	20.8 cm



## Lamar parts manufacturing company

Static radial stiffness (guideline value)	1160 N/micron
$d_1$	132.6 mm
$r_{1,2}$ min.	2 mm
$r_{3,4}$ min.	1.1 mm
s max.	3 mm
$s_1$ max.	1 mm
$d_a$ min.	119 mm
$D_a$ min.	157 mm
$D_a$ max.	161 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	125 kN
Basic static load rating $C_0$	173 kN
Fatigue load limit $P_u$	20 kN
Attainable speed for grease lubrication	8500 r/min
Attainable speed for oil-air lubrication	12000 r/min
Reference grease quantity $G_{ref}$	20.8 cm <sup>3</sup>
Mass bearing	2.03 kg