

NSK HR55KBE042+L tapered roller bearings

Manufacturers of all are represented in our 1220x1000x100 Size (mm) 1000 Outer Diameter (mm) partial list of clients. Contact Gary 1220 Bore Diameter (mm) for a complete NSK HR55KBE042+L tapered roller bearings list of clients and projects.

Size (mm)	1220x1000x100
Bore Diameter (mm)	1220
Outer Diameter (mm)	1000
Width (mm)	100
d	1000 mm
D	1220 mm
B	100 mm
d1	1073.3 mm
D1	1150.8 mm
a	370 mm
r1,2 – min.	6 mm
r3,4 – min.	3 mm
da – min.	1023 mm
Da – max.	1197 mm
Db – max.	1207 mm
ra – max.	5 mm
rb – max.	2.5 mm
Basic dynamic load rating – C	923 kN
Basic static load rating – C0	2750 kN
Fatigue load limit – Pu	39 kN
Reference speed	400 r/min

Limiting speed	430 r/min
Calculation factor – k_r	0.08
Calculation factor – k_a	0.3
Calculation factor – e	0.8
Calculation factor – X	0.39
Calculation factor – Y_0	0.33
Calculation factor – Y_1	0.78
Calculation factor – Y_2	0.76
$d_1 \approx$	1073.3 mm
$D_1 \approx$	1150.8 mm
$r_{1,2} \text{ min.}$	6 mm
$r_{3,4} \text{ min.}$	3 mm
$d_a \text{ min.}$	1023 mm
$D_a \text{ max.}$	1197 mm
$D_b \text{ max.}$	1207 mm
$r_a \text{ max.}$	5 mm
$r_b \text{ max.}$	2.5 mm
Basic dynamic load rating C	923 kN
Basic static load rating C_0	2750 kN
Fatigue load limit P_u	39 kN
Calculation factor A	65.4
Calculation factor k_r	0.08
Calculation factor e	0.8
Calculation factor X	0.63
Calculation factor Y_0	0.66
Calculation factor Y_2	1.24
Calculation factor Y_1	0.78
Mass bearing	243 kg