



Vickers PUMP LIMITED



HR100KBE042+L NSK Tapered roller bearing

Bearing No. HR100KBE042+L

| | |
|-------------------------------|---------------|
| Size | 100x180x81 mm |
| Bore Diameter | 100 mm |
| Outer Diameter | 180 mm |
| Width | 81 mm |
| d | 100 mm |
| D | 180 mm |
| T | 81 mm |
| C | 65 mm |
| r min. | 3 mm |
| r1 min. | 1 mm |
| da min. | 118 mm |
| Db min. | 170 mm |
| ra max. | 2,5 mm |
| rb max. | 1 mm |
| Weight | 8,13 Kg |
| Basic dynamic load rating (C) | 435 kN |
| Basic static load rating (C0) | 665 kN |
| (Grease) Lubrication Speed | 1600 r/min |
| (Oil) Lubrication Speed | 2200 r/min |
| Calculation factor (e) | 0,42 |
| Calculation factor (Y0) | 1,6 |
| Calculation factor (Y2) | 2,4 |

HR100KBE042+L Bearing 2D drawings and 3D CAD models