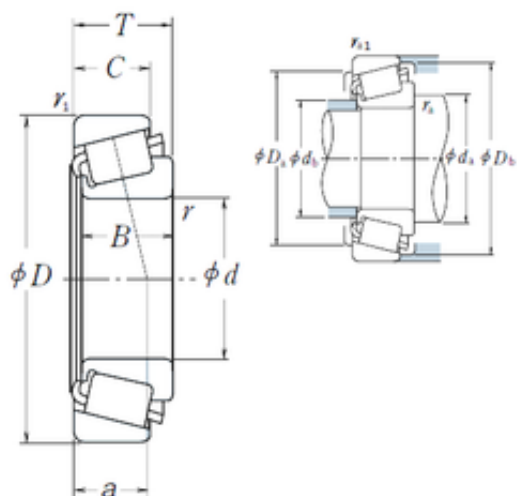




BEARING DRIVESHAFT ANDERSON, INC.



16 mm x 47 mm x 21 mm NSK HM81649/HM81610 Tapered roller bearings

Bearing No. HM81649/HM81610

HM81649/HM81610 Bearing 2D drawings and 3D CAD models

| | |
|-------------------------------|-------------|
| Size | 16x47x21 mm |
| Bore Diameter | 16 mm |
| Outer Diameter | 47 mm |
| Width | 21 mm |
| d | 16 mm |
| D | 47 mm |
| T | 21 mm |
| B | 21 mm |
| C | 16 mm |
| ra1 max. | 2 mm |
| a | 14,9 mm |
| r min. | 1 mm |
| r1 min. | 2 mm |
| Da | 37,5 mm |
| db | 23 mm |
| ra max. | 1 mm |
| da | 27,5 mm |
| Db | 43 mm |
| Weight | 0,197 Kg |
| Basic dynamic load rating (C) | 35 kN |
| Basic static load rating (C0) | 36,5 kN |
| (Grease) Lubrication Speed | 9000 r/min |
| (Oil) Lubrication Speed | 12000 r/min |
| Calculation factor (e) | 0,55 |
| Calculation factor (Y0) | 0,6 |



BEARING DRIVESHAFT ANDERSON, INC.

| | |
|------------|-------------------|
| LangID | 1 |
| ALP23 | 0 |
| outer r | 2 |
| ALP22 | 0 |
| D_ | 47 |
| ALP21 | 40 |
| SHOG_yobi | HM81649R/HM81610R |
| RAr | 61.65 |
| inner r | 1 |
| GRS rpm | 9000 |
| D_b | 43 |
| D_a | 37.5 |
| DE_ | 36.749 |
| SLR | 15.4 |
| Prod_Type3 | TRBSR_ID_A |
| BETA_ | 3 |
| ALPHA_ | 20 |
| SDM_ | 30.796 |
| DA1 | 7.347 |
| DA2 | 5.522 |
| hidYobi | HM81649/HM81610 |
| Y1 | 1.1 |
| B_ | 21 |
| Oil rpm | 12000 |
| hidTable | ecat_NSTPRI |
| Y0 | 0.6 |
| inner ra | 1 |
| outer rb | 2 |
| C0 | 36.5 |
| CUP | 0.082 |
| e | 0.55 |
| DA_ | 6.442 |
| | |



BEARING DRIVESHAFT ANDERSON, INC.

| | |
|-------|-----------------|
| BET21 | 6 |
| BET22 | 50 |
| BET23 | 0 |
| Z_ | 12 |
| C_ | 16 |
| yobi | HM81649/HM81610 |
| KBRG | 3151 |
| CONE | 0.115 |
| DI_ | 24.527 |