



# LEDONG Machinery Co., Ltd.

44,45 mm x 85 mm x 21,692 mm KOYO  
355/354A tapered roller bearings

Bearing No. 355/354A



355/354A Bearing 2D drawings and 3D CAD models

|                               |                    |
|-------------------------------|--------------------|
| Size                          | 44.45x85x20.638 mm |
| Bore Diameter                 | 44,45 mm           |
| Outer Diameter                | 85 mm              |
| Width                         | 20,638 mm          |
| d                             | 44,45 mm           |
| D                             | 85 mm              |
| T                             | 20,638 mm          |
| B                             | 21,692 mm          |
| C                             | 17,462 mm          |
| a                             | 15,5 mm            |
| r min.                        | 2,4 mm             |
| r2 min.                       | 1,2 mm             |
| da min.                       | 54 mm              |
| Da                            | 77 mm              |
| db min                        | 50 mm              |
| ra max.                       | 2,4 mm             |
| rb max.                       | 1,2 mm             |
| Db                            | 80 mm              |
| Weight                        | 0,504 Kg           |
| Basic dynamic load rating (C) | 71,8 kN            |
| Basic static load rating (C0) | 81,7 kN            |
| (Grease) Lubrication Speed    | 4600 r/min         |
| (Oil) Lubrication Speed       | 6200 r/min         |
| Calculation factor (e)        | 0,31               |
| Calculation factor (Y0)       | 1,08               |



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|                  |          |
|------------------|----------|
| Bearing No.      | 355/354A |
| r(min)           | 2.4      |
| r1(min)          | 1.2      |
| Cr               | 89.6     |
| C0r              | 81.7     |
| Cu               | 12.4     |
| Grease lub.      | 4600     |
| Oil lub.         | 6200     |
| a                | 15.5 mm  |
| da               | 54.0     |
| db               | 50.0     |
| ra(max)          | 2.4      |
| rb(max)          | 1.2      |
| e                | 0.31     |
| Y1               | 1.96     |
| Y0               | 1.08     |
| (Refer.)Mass(kg) | 0.504    |