

# TR0708-1R KOYO 35x80x32.75mm Da max. 70 mm Tapered roller bearings

|                               |             |
|-------------------------------|-------------|
| Bearing number                | TR0708-1R   |
| Size (mm)                     | 35x80x32.75 |
| Brand                         | KOYO        |
| Bore Diameter (mm)            | 35          |
| Outer Diameter (mm)           | 80          |
| Width (mm)                    | 32.75       |
| d                             | 35 mm       |
| D                             | 80 mm       |
| T                             | 32.75 mm    |
| B                             | 31 mm       |
| C                             | 25 mm       |
| a                             | 23.8 mm     |
| r min.                        | 2 mm        |
| r2 min.                       | 1.5 mm      |
| da min.                       | 45 mm       |
| da max                        | 44 mm       |
| Da min                        | 60 mm       |
| Da max.                       | 70 mm       |
| Db min.                       | 75 mm       |
| ra max.                       | 2 mm        |
| rb max.                       | 1.5 mm      |
| Weight                        | 0.83 Kg     |
| Basic dynamic load rating (C) | 96.9 kN     |
| Basic static load rating (C0) | 123 kN      |

|                            |            |
|----------------------------|------------|
| (Grease) Lubrication Speed | 5200 r/min |
| (Oil) Lubrication Speed    | 7000 r/min |
| Calculation factor (e)     | 0.47       |
| Calculation factor (Y0)    | 0.7        |
| Bearing No.                | TR0708-1R  |
| r(min)                     | 2          |
| r1(min)                    | 1.5        |
| Cr                         | 121        |
| C0r                        | 123        |
| Cu                         | 18.0       |
| Grease lub.                | 5200       |
| Oil lub.                   | 7000       |
| a(mm)                      | 23.8       |
| da(min)                    | 45         |
| db(max)                    | 44         |
| Da(max)                    | 70         |
| Da(min)                    | 60         |
| Db(min)                    | 75         |
| Sa(min)                    | 3          |
| Sb(min)                    | 7.5        |
| ra(max)                    | 2          |
| rb(max)                    | 1.5        |
| e                          | 0.47       |
| Y1                         | 1.27       |
| Y0                         | 0.70       |
| (Refer.) Mass (kg)         | 0.830      |