

**LR5307-2HRS-TVH-XL** [↗](#)

Yoke type track roller

Yoke type track rollers LR53...-2HRS-TVH-XL, double row self-retaining angular contact ball bearings with particularly thick-walled outer ring, ball and cage assembly and an inner ring, axial guidance of outer ring is provided by the balls, lubrication hole in inner ring on request, lip seal on both sides with optimised geometry, low friction, cage made from glass fibre reinforced polyamide, X-life design

X-life

Technical information

Your current product variant

| | | |
|------------------------|---------|--|
| Sealing | 2HRS | Lip seal on both sides with optimised geometry, low friction |
| Outer ring profile | R500 | R500 |
| Relubrication facility | Without | Without |
| Cage | TVH | Solid cage made of glass-fiber reinforced polyamid PA66 |

Main Dimensions & Performance Data

| | | |
|-------------|-------------|---|
| D | 90 mm | Outside diameter |
| d | 35 mm | Bore diameter |
| C | 34,9 mm | Height |
| C_{rw} | 45.500 N | Basic dynamic load rating, radial |
| C_{0rw} | 37.000 N | Basic static load rating, radial |
| C_{urw} | 1.870 N | Fatigue load limit, radial |
| n_{DG} | 3.100 1/min | Speed on permanent grease lubrication |
| F_{rper} | 27.000 N | Permissible dynamic load outer ring, radial |
| $\approx m$ | 0,97 kg | Weight |



Dimensions

| | | |
|------------------|---------|--------------------------------------|
| d ₂ | 49,6 mm | Diameter of thrust washer |
| r _{min} | 1,5 mm | Minimum chamfer dimension |
| R | 500 mm | Radius of outer ring outside profile |