



NTN Bearing Manufacturing

200 mm x 280 mm x 60 mm FAG 23940-S-K-MB + AH3940 spherical roller bearings

Bearing No. 23940-S-K-MB + AH3940

23940-S-K-MB + AH3940 Bearing 2D drawings and 3D CAD models

| | |
|----------------|--|
| Size | 190x280x60 mm |
| Bore Diameter | 190 mm |
| Outer Diameter | 280 mm |
| Width | 60 mm |
| d_{1H} | 190 mm |
| D | 280 mm |
| B | 60 mm |
| a | 6 mm |
| b | 16 mm |
| D_1 | 256,9 mm |
| $D_{a \max}$ | 269,8 mm |
| d | 200 mm |
| d_{2G} | Tr210X4 |
| $d_{a \min}$ | 210,2 mm |
| d_s | 6,3 mm |
| l | 77 mm |
| n_s | 12,2 mm |
| $r_{a \max}$ | 2,1 mm |
| r_{\min} | 2,1 mm |
| | AH3940 / Designation, withdrawal sleeve |
| m | 11,5 kg / Weight |
| m_1 | 2,62 kg / Weight, withdrawal sleeve |
| C_r | 550000 N / Dynamic load |



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| | rating (radial) |
|----------|---|
| e | 0,2 |
| Y_1 | 3,42 |
| Y_2 | 5,09 |
| C_{0r} | 1080000 N / Static load rating (radial) |
| Y_0 | 3,34 |
| n_G | 2800 1/min / Limiting speed |
| n_B | 1670 1/min / Reference speed |
| C_{ur} | 71000 N / Fatigue limit load, radial |