

## Ball Screw Support Bearings for High Load Application - NSKTAC-SHR Series

The NSKTAC-HR series has been developed for support ball screws operating under high loads. The new NSKTAC-SHR series allow users to maintain high capacity performance with a smaller diameter of the screw shaft end. This will enable a reasonable contact point pressure at the shoulder of the inner ring in the bearing.

### Product Features

- Smaller bore diameter
- Reasonable contact point pressure at the inner ring
- No need to create a bigger shoulder on the ballscrew shaft

### Benefits

- High load capacity in a small envelope design
- 5 times longer service life than a standard product
- Easy handling
- Optimum design for reduced torque
- No additional cost required for bigger shaft material

### Condition Description

- High Load

### Industries

- Automotive Production
- Machine Tools
- Injection Moulding



60 TAC 03 D T85 SU M PN5D

#### Description

|      |                        |
|------|------------------------|
| 60   | Bearing bore diameter  |
| TAC  | Bearing type symbol    |
| 03   | Dimension symbols      |
| D    | Internal design symbol |
| T85  | Cage symbol            |
| SU   | Arrangement symbol     |
| M    | Preload symbol         |
| PN5D | Accuracy symbol        |