

ISO/TR 10300-32:2021 (E)

Calculation of load capacity of bevel gears — Part 32: ISO rating system for bevel and hypoid gears — Sample calculation for scuffing load capacity

Contents

| | |
|---------|---|
| | Foreword |
| | Introduction |
| 1 | Scope |
| 2 | Normative references |
| 3 | Terms and definitions |
| 4 | Symbols |
| 5 | Application |
| Annex A | (informative) Sample 1: Rating of a spiral bevel gear pair without hypoid offset according to ISO/TS 10300-20 |
| A.1 | Initial data |
| A.2 | Calculation of scuffing load capacity of Sample 1 |
| Annex B | (informative) Sample 2: Rating of a hypoid gear set according to ISO/TS 10300-20 |
| B.1 | Initial data |
| B.2 | Calculation of scuffing load capacity of Sample 2 |
| Annex C | (informative) Sample 3: Rating of a hypoid gear set according to ISO/TS 10300-20 |
| C.1 | Initial data |
| C.2 | Calculation of scuffing load capacity of Sample 3 |
| Annex D | (informative) Sample 4: Rating of a hypoid gear set according to ISO/TS 10300-20 |
| D.1 | Initial data |
| D.2 | Calculation of scuffing load capacity of Sample 4 |