WITTENSTEIN

# Datasheet

## alpha Value Line

## NP 025 STANDARD



| Gearbox characteristics | |
|---|---|
| Designation: NP025S-MF1-10-1C1-1S | |
| Product type | NP |
| Size | 025 |
| Characteristic | Standard |
| Gearbox model | STANDARD |
| Stages | 1 |
| Ratio | 10 |
| Output shape | Shaft with key |
| Clamping hub diameter | 14 mm |
| Max. backlash | Standard ≤ 8 arcmin |
| Gearbox material number | 10031784 |

| Motor mounting parts | |
|---|---|
| Adapter plate material number | 10032463 |

| Performance data | |
|---|---|
| Max. torque $T_{2\alpha}$ | 144 Nm |
| Emergency stop torque | 190 Nm |
| Max. input speed | 7,000 $min^{-1}$ |
| Permitted average input speed | 3,900 $min^{-1}$ |
| Max. tilting moment | 118 Nm |
| Max. axial force | 1,900 N |
| Max. lateral force | 2,800 N |
| Moment of inertia | 0.25 $kgcm^2$ |
| Weight | 3.8 kg |
| Lubrication | Lubricated for life |
| Max. permitted housing temperature | 90 °C |
| Protection class | IP 64 |
| Operating noise | 61 dB(A) |
| Paint | Dark pearl gray / innovation blue |