



WITTENSTEIN

Datasheet

alpha Value Line

NP 045 STANDARD



| Gearbox characteristics | |
|-----------------------------------|---------------------------|
| Designation: NP045S-MF2-25-1G1-1S | |
| Product type | NP |
| Size | 045 |
| Characteristic | Standard |
| Gearbox model | STANDARD |
| Stages | 2 |
| Ratio | 25 |
| Output shape | Shaft with key |
| Clamping hub diameter | 24 mm |
| Max. backlash | Standard ≤ 10 arcmin |
| Gearbox material number | 10033299 |

| Motor mounting parts | |
|-------------------------------|----------|
| Adapter plate material number | 10034843 |

| Performance data | |
|------------------------------------|-----------------------------------|
| Max. torque $T_{2\alpha}$ | 700 Nm |
| Emergency stop torque | 1,000 Nm |
| Max. input speed | 6,000 min ⁻¹ |
| Permitted average input speed | 2,600 min ⁻¹ |
| Max. tilting moment | 660 Nm |
| Max. axial force | 6,000 N |
| Max. lateral force | 8,000 N |
| Moment of inertia | 2 kgcm ² |
| Weight | 19.5 kg |
| Lubrication | Lubricated for life |
| Max. permitted housing temperature | 90 °C |
| Protection class | IP 64 |
| Operating noise | 70 dB(A) |
| Paint | Dark pearl gray / innovation blue |