

## Datasheet

alpha Value Line

NP 025 STANDARD



| Gearbox characteristics           |                           |
|-----------------------------------|---------------------------|
| Designation: NP025S-MF2-25-1C1-1S |                           |
| Product type                      | NP                        |
| Size                              | 025                       |
| Characteristic                    | Standard                  |
| Gearbox model                     | STANDARD                  |
| Stages                            | 2                         |
| Ratio                             | 25                        |
| Output shape                      | Shaft with key            |
| Clamping hub diameter             | 14 mm                     |
| Max. backlash                     | Standard $\leq 10$ arcmin |
| Gearbox material number           | 10031781                  |

| Motor mounting parts          |          |
|-------------------------------|----------|
| Adapter plate material number | 10032105 |

| Performance data                   |                                   |
|------------------------------------|-----------------------------------|
| Max. torque $T_{2\alpha}$          | 160 Nm                            |
| Emergency stop torque              | 190 Nm                            |
| Max. input speed                   | 8,000 min <sup>-1</sup>           |
| Permitted average input speed      | 3,700 min <sup>-1</sup>           |
| Max. tilting moment                | 118 Nm                            |
| Max. axial force                   | 1,900 N                           |
| Max. lateral force                 | 2,800 N                           |
| Moment of inertia                  | 0.29 kgcm <sup>2</sup>            |
| Weight                             | 4.1 kg                            |
| Lubrication                        | Lubricated for life               |
| Max. permitted housing temperature | 90 °C                             |
| Protection class                   | IP 64                             |
| Operating noise                    | 64 dB(A)                          |
| Paint                              | Dark pearl gray / innovation blue |