

Datasheet

alpha Value Line

NP 005 STANDARD



Gearbox characteristics	
Designation: NP005S-MF1-5-1C1-1S	
Product type	NP
Size	005
Characteristic	Standard
Gearbox model	STANDARD
Stages	1
Ratio	5
Output shape	Shaft with key
Clamping hub diameter	14 mm
Max. backlash	Standard ≤ 10 arcmin
Gearbox material number	10032762

Motor mounting parts	
Adapter plate material number	10032105

Performance data	
Max. torque $T_{2\alpha}$	22 Nm
Emergency stop torque	26 Nm
Max. input speed	10,000 min ⁻¹
Permitted average input speed	4,000 min ⁻¹
Max. tilting moment	19 Nm
Max. axial force	700 N
Max. lateral force	800 N
Moment of inertia	0.13 kgcm ²
Weight	0.7 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