WITTENSTEIN

Datasheet

alpha Value Line

NP 025 STANDARD



Gearbox characteristics	
Designation: NP025S-MF1-5-1C1-1S	
Product type	NP
Size	025
Characteristic	Standard
Gearbox model	STANDARD
Stages	1
Ratio	5
Output shape	Shaft with key
Clamping hub diameter	14 mm
Max. backlash	Standard ≤ 8 arcmin
Gearbox material number	10031787

Motor mounting parts	
Adapter plate material number	10032463

Performance data	
Max. torque $T_{2\alpha}$	160 Nm
Emergency stop torque	178 Nm
Max. input speed	7,000 min^{-1}
Permitted average input speed	3,400 min^{-1}
Max. tilting moment	118 Nm
Max. axial force	1,900 N
Max. lateral force	2,800 N
Moment of inertia	0.37 $kgcm^2$
Weight	3.8 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