WITTENSTEIN

Datasheet

alpha Value Line

NP 005 STANDARD



Gearbox characteristics	
Designation: NP005S-MF2-20-1C1-1S	
Product type	NP
Size	005
Characteristic	Standard
Gearbox model	STANDARD
Stages	2
Ratio	20
Output shape	Shaft with key
Clamping hub diameter	14 mm
Max. backlash	Standard ≤ 13 arcmin
Gearbox material number	10033598

Motor mounting parts	
Adapter plate material number	10032105

Performance data	
Max. torque $T_{2\alpha}$	18 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	0.9 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