WITTENSTEIN | alpha

Datasheet



alpha Value Line

NP 005 STANDARD

The efficient allrounder for universal use

Gearbox characteristics	
Ordering code	NP005S-MF1-8-1A1-1S
Gearbox type	NP
Size	005
Type code	Standard
Gearbox variation	Motor attachment
Gearbox model	Standard
Stages	1
Ratio	8
Output type	Keyed output shaft
Clamping hub diameter	9 mm
Backlash	Standard ≤ 10 arcmin
Gearbox material number	10044904

Motor mounting parts	
Adapter plate material number	10034602

Performance data	
Max. torque $T_{2\alpha}$	21 Nm
Emergency stop torque	26 Nm
Max. input speed	10000 min^{-1}
Nominal input speed	4400 min^{-1}
Max. tilting moment	19 Nm
Max. axial force	700 N
Max. radial force	800 N
Moment of inertia	0.03 $kgcm^2$
Weight	0.7 kg
Lubrication	Lubricated for life
Max. operating temperature	90 °C
Protection class	IP 64
Operating noise	≤ 60 dB(A)
Paint	Dark pearl gray / innovation blue