WITTENSTEIN

Datasheet

alpha Value Line

NP 045 STANDARD



Gearbox characteristics	
Designation: NP045S-MF2-25-1G1-1S	
Product type	NP
Size	045
Characteristic	Standard
Gearbox model	STANDARD
Stages	2
Ratio	25
Output shape	Shaft with key
Clamping hub diameter	24 mm
Max. backlash	Standard ≤ 10 arcmin
Gearbox material number	10033299

Motor mounting parts	
Adapter plate material number	10034843

Performance data	
Max. torque $T_{2\alpha}$	700 Nm
Emergency stop torque	1,000 Nm
Max. input speed	6,000 min^{-1}
Permitted average input speed	2,600 min^{-1}
Max. tilting moment	660 Nm
Max. axial force	6,000 N
Max. lateral force	8,000 N
Moment of inertia	2 $kgcm^2$
Weight	19.5 kg
Lubrication	Lubricated for life
Max. permitted housing temperature	90 °C
Protection class	IP 64
Operating noise	70 dB(A)
Paint	Dark pearl gray / innovation blue