



WITTENSTEIN

## Datasheet

alpha Value Line

NP 045 STANDARD



Gearbox characteristics	
Designation: NP045S-MF1-5-1K1-1S	
Product type	NP
Size	045
Characteristic	Standard
Gearbox model	STANDARD
Stages	1
Ratio	5
Output shape	Shaft with key
Clamping hub diameter	38 mm
Max. backlash	Standard $\leq 8$ arcmin
Gearbox material number	10032854

Motor mounting parts	
Adapter plate material number	10032948

Performance data	
Max. torque $T_{2\alpha}$	800 Nm
Emergency stop torque	1,000 Nm
Max. input speed	4,000 min <sup>-1</sup>
Permitted average input speed	2,000 min <sup>-1</sup>
Max. tilting moment	660 Nm
Max. axial force	6,000 N
Max. lateral force	8,000 N
Moment of inertia	8.8 kgcm <sup>2</sup>
Weight	18.9 kg
Lubrication	Lubricated for life
Max. permitted housing temperature	90 °C
Protection class	IP 64
Operating noise	71 dB(A)
Paint	Dark pearl gray / innovation blue