

Datasheet

alpha Value Line

NP 045 STANDARD



Gearbox characteristics	
Designation: NP045S-MF1-10-1K1-1S	
Product type	NP
Size	045
Characteristic	Standard
Gearbox model	STANDARD
Stages	1
Ratio	10
Output shape	Shaft with key
Clamping hub diameter	38 mm
Max. backlash	Standard ≤ 8 arcmin
Gearbox material number	10032852

Motor mounting parts	
Adapter plate material number	10032948

Performance data	
Max. torque $T_{2\alpha}$	640 Nm
Emergency stop torque	1,000 Nm
Max. input speed	4,000 min ⁻¹
Permitted average input speed	2,300 min ⁻¹
Max. tilting moment	660 Nm
Max. axial force	6,000 N
Max. lateral force	8,000 N
Moment of inertia	7.2 kgcm ²
Weight	18.9 kg
Lubrication	Lubricated for life
Max. permitted housing temperature	90 °C
Protection class	IP 64
Operating noise	68 dB(A)
Paint	Dark pearl gray / innovation blue