WITTENSTEIN

Datasheet

alpha Advanced Line

SP+ 060 STANDARD



Gearbox characteristics	
Designation: SP060S-MF1-3-0C1-2S	
Product type	SP+
Size	060
Characteristic	Standard
Gearbox model	STANDARD
Stages	1
Ratio	3
Output shape	Smooth shaft
Clamping hub diameter	14 mm
Max. backlash	Standard ≤ 4 arcmin
Gearbox material number	20027789

Motor mounting parts	
Adapter plate material number	20032639

Performance data	
Max. torque $T_{2\alpha}$	48 Nm
Emergency stop torque	96 Nm
Max. input speed	7,500 min^{-1}
Permitted average input speed	3,300 min^{-1}
Max. tilting moment	152 Nm
Max. axial force	2,400 N
Max. lateral force	2,800 N
Moment of inertia	0.28 $kgcm^2$
Weight	1.9 kg
Lubrication	Lubricated for life
Max. permitted housing temperature	90 °C
Protection class	IP 65
Operating noise	61 dB(A)
Paint	Innovation blue