

Datasheet

alpha Advanced Line

SP+ 140 STANDARD



Product characteristics	
Designation: SP140S-MF1-3-0K1-2S	
Product type	SP+
Size	140
Characteristic	Standard
Gearbox model	STANDARD
Stages	1
Ratio	3
Output shape	Smooth shaft
Clamping hub diameter	38 mm
Max. backlash	Standard ≤ 3 arcmin
Gearbox material number	20026735

Motor mounting parts	
Adapter plate material number	20032661

Performance data	
Max. torque $T_{2\alpha}$	624 Nm
Emergency stop torque	1,250 Nm
Max. input speed	5,000 min ⁻¹
Permitted average input speed	2,100 min ⁻¹
Max. tilting moment	952 Nm
Max. axial force	9,870 N
Max. lateral force	9,900 N
Moment of inertia	14.92 kgcm ²
Weight	17.2 kg
Lubrication	Lubricated for life
Max. permitted housing temperature	90 °C
Protection class	IP 65
Operating noise	70 dB(A)
Paint	Innovation blue