

Datasheet

alpha Advanced Line

SP+ 140 STANDARD



Product characteristics	
Ordering code: SP140S-MF1-10-0I1-2S	
Product type	SP+
Size	140
Characteristic	Standard
Gearbox model	Standard
Number of stages	1
Ratio	10
Output shape	Smooth shaft
Clamping hub diameter	32 mm
Max. backlash	Standard ≤ 3 arcmin
Material number Gearbox	20029659

Performance data	
Max. torque $T_{2\alpha}$	720 Nm
Emergency stop torque	1,250 Nm
Max. input speed	5,000 min ⁻¹
Permitted average input speed	2,600 min ⁻¹
Max. tilting moment	1,000 Nm
Max. axial force	9,870 N
Max. lateral force	9,600 N
Mass moment of inertia	8.44 kgcm ²
Weight	17.2 kg
Lubrication	Lubricated for life
Max. permitted housing temperature	90 °C
Protection class	IP 65
Operating noise	59 dB(A)
Paint	Innovation blue