

Datasheet

alpha Advanced Line

SP+ 100 STANDARD



Product characteristics	
Ordering code: SP100S-MF1-10-0G1-2S	
Product type	SP+
Size	100
Characteristic	Standard
Gearbox model	Standard
Number of stages	1
Ratio	10
Output shape	Smooth shaft
Clamping hub diameter	24 mm
Max. backlash	Standard ≤ 3 arcmin
Material number Gearbox	20026816

Motor mounting parts	
Material number Adapter plate	20030403

Performance data	
Max. torque $T_{2\alpha}$	376 Nm
Emergency stop torque	625 Nm
Max. input speed	5,500 min ⁻¹
Permitted average input speed	2,800 min ⁻¹
Max. tilting moment	487 Nm
Max. axial force	5,650 N
Max. lateral force	6,600 N
Mass moment of inertia	2.07 kgcm ²
Weight	7.7 kg
Lubrication	Lubricated for life
Max. permitted housing temperature	90 °C
Protection class	IP 65
Operating noise	58 dB(A)
Paint	Innovation blue