

Catalog designation

FA57/GDRN100L4

Parallel-shaft helical gear units F + AC motors DRN.. (IE3)

Product data

Rated motor speed	[1/min] : 1456
Output speed	[1/min] : 69
Overall gear ratio	: 21,17
Output torque	[Nm] : 415
Service factor SEW-FB	: 1,45
Mounting position	: M1
Base / top coat	: 7031 Blue gray (51370310)
Position of connector/terminal box	[°] : 0
Cable entry/connector position	: X
Hollow shaft	[mm] : 40
Permitted output overhung load with n=1400	[N] : 5570
Lubricant quantity 1st gear unit	[Liter] : 2,35
Motor power	[kW] : 3
Duration factor	: S1-100%
Efficiency class	: IE3
Efficiency (50/75/100% Pn)	[%] : 87,3 / 88,3 / 87,8
CE mark	: Yes
Motor voltage	[V] : 230/400
Wiring diagram	: R13
Frequency	[Hz] : 50
Rated current	[A] : 11,2 / 6,4
Cos Phi	: 0,76
Thermal class	: 155(F)
Motor protection type	: IP54
Design requirement	: IEC
Motor mass moment of inertia	[10 ⁻⁴ kgm ²] : 111,00
Weight	[kg] : 59.00

Additional feature

Thermal class 155(F)

2 off rubber buffers for the torque arm