brushless EC motor, internal rotor with planetary gearhead Performax 63

ECI-63.40-B00-K4 - Performax 63



Characteristics of the drive solution

Typ	Unit	Value
Order number	-	VG.ECI6340BK4.P63.2.30
Output power	W	200.0
Output torque	Nm	15.0
Output speed	rpm	133.0

Motor

Typ	Unit	Value
Type of motor	-	brushless EC motor, internal rotor
Motor designation	-	ECI-63.40-B00-K4
Voltage	V	24
Output speed	rpm	4000
Nominal power	W	251.0
Rated current	A	12.3
Torque	Ncm	59.9
Operating capacitor	-	no
weight of Motor	kg	1.15

Gearbox

Typ	Unit	Value
Type of gear	-	planetary gearhead

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name of gearbox	-	Performax 63
No of reduction stages	-	2
Untersetzung	-	30.0
Max. nominal torque	Nm	17.0
Efficiency	-	81%
Output shaft bearing	-	combined sliding / ball bearing
Lubrication	-	maint. free-grease lubricated for life
Gearhead play	-	about 0.7° to 1.2°