

brushless EC motor, internal rotor with planetary gearhead PerformaxPLUS 63

ECI-63.60-D00-K4 - PerformaxPLUS 63



Characteristics of the drive solution

Typ	Unit	Value
Order number	-	VG.ECI6360DK4.PP63.2.30
Output power	W	290.0
Output torque	Nm	21.0
Output speed	rpm	133.0

Motor

Typ	Unit	Value
Type of motor	-	brushless EC motor, internal rotor
Motor designation	-	ECI-63.60-D00-K4
Voltage	V	48
Output speed	rpm	4000
Nominal power	W	356.0
Rated current	A	8.3
Torque	Ncm	85.0
Operating capacitor	-	no
weight of Motor	kg	1.5

Gearbox

Typ	Unit	Value
Type of gear	-	planetary gearhead

name of gearbox	-	PerformaxPLUS 63
No of reduction stages	-	2
Untersetzung	-	30.0
Max. nominal torque	Nm	64.0
Efficiency	-	81%
Output shaft bearing	-	combined sliding / ball bearing
Lubrication	-	maint. free-grease lubricated for life
Gearhead play	-	about 0.7° to 1.2°