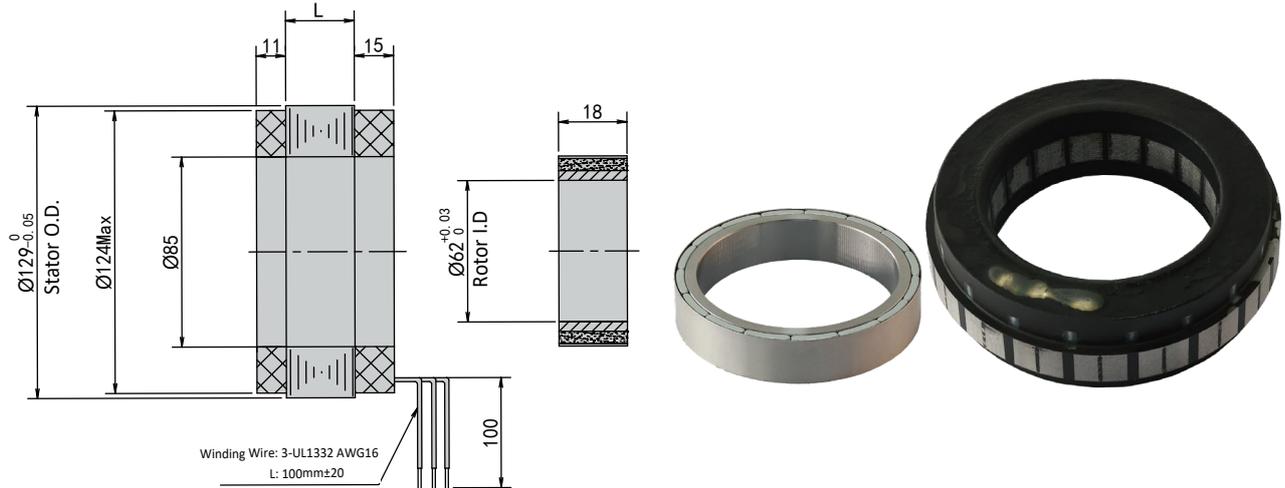


PBLR129FH Series

Ø129mm

Frameless Brushless DC Motor



General Specifications

Winding Type	Star/Delta
Dielectric Strength	600VAC/1S
Insulation Resistance	100MΩ,500VDC
Ambient Temperature	-20°C~+50°C
Insulation Class	Class B

Wiring Connection

Type	Color	Function
UL1332 AWG16	Yellow	Phase U
	Green	Phase V
	Blue	Phase W

Electrical Specifications

Motor Model	Unit	PBLR129FH- 486920
Number of Phase		3
Number of Poles		16
Rated Voltage	VDC	48
Rated Speed	RPM	2,000
Rated Torque	N.m	3.3
Rated Power	W	690
Rated Current	A	20
Peak Current	A	55.5
Peak Torque	N.m	9.15
Rotor Inertia	kg.cm ²	1.2
Torque Constant	N.m/A	0.16
EMF Constant	V/krpm	10.5
Line-Line Resistance	Ω	0.09
Line-Line Inductance	mH	0.4
Length	mm	16
Weight	kg	1.0