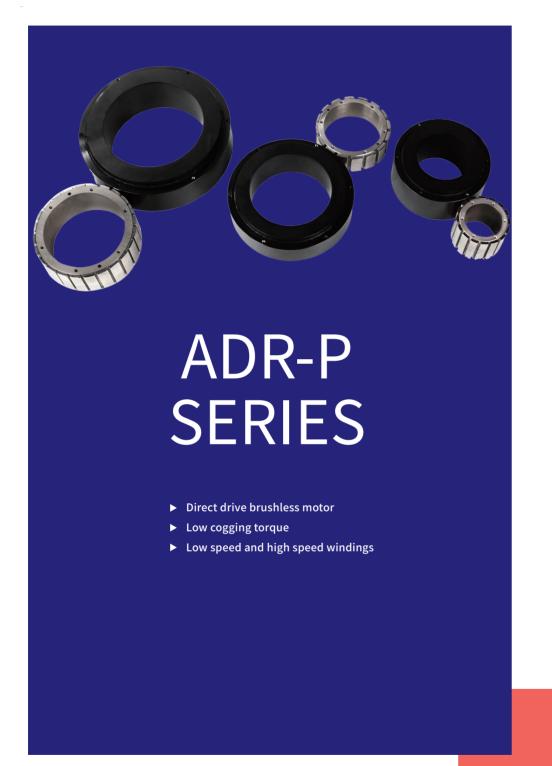
**ADR-P Series** 

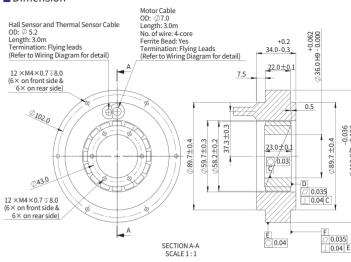


# ADR110-P-22

,	ADR110	-P-22				
Performance Parameters		Symbol	Unit	Series	Parallel	
Continuous Torque @100°C		Tcn	Nm	1.9	1.9	
Peak Torque		Tpk	Nm	5.8	5.8	
Torque Constant ±10%		Kt	Nm/Arms	0.65	0.32	
Back EMF Constant ±10%		Ke	Vpeak/rpm	0.055	0.028	
Motor Constant @25°C		Km	Nm/Sqrt(W)	0.30	0.30	
Resistance (L-L) @25°C ±10%		R25	Ω	3.20	0.80	
Inductance (L-L) ±20%		L	mH	17.15	4.29	
Electrical Time Constant		Te	ms	5.36	5.36	
Continuous Current @100°C		Icn	Arms	3.0	6.0	
Peak Current		I <sub>pk</sub>	Arms	9.0	18.0	
Continuous Power Dissipation @100°C		Pcn	W	55.7	55.7	
Max. Coil Temperature		tmax	°C	100	100	
Thermal Dissipation Constant		Kth	W/°C	0.742	0.742	
Max. Bus Voltage		Ubus	Vdc	600.0	600.0	
Pole Number		2P	-	16	16	
Mechanical Parameters						
Rotor Mass		m	kg	0.25	0.25	
Stator Mass		m	kg	0.88	0.88	
Rotor Inertia		Jr	kg m²	1.463E-04	1.463E-04	
Other Information						
Insulation Class		Class B (130°C)				
Protection Grade		IP00				
Compliance with Global Standa	ards	RoHS, CE				
Ambient Temperature	Operation		0°C to 40°C	(non-freezing)		
Ambient remperature	Storage		-15°C to 70°C	(non-freezing)		
Ambiant Humidity	Operation	109	6RH to 80%RI	H (non-conden	sing)	
Ambient Humidity Storage		10%RH to 90%RH (non-condensing)				
Recommended Ambience		Indoor (no direct sunlight); No corrosive gas, inflammable gas, oil mist or dust				

- Measurement is taken at ambient temperature 25°C. Value depends on the thermal environment.
  Resistance is measured by DC current with standard 3 m cable.
- Inductance is measured by current frequency of 1 kHz.
- The contents of datasheet are subjected to change without prior notice.

#### Dimension



#### Note:

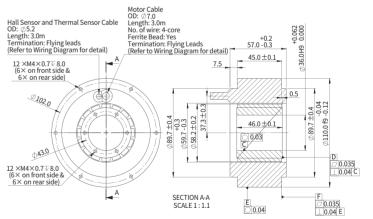
- User to ensure the concentricity of stator and rotor to be within 0.15mm when mour
- User to ensure flatness of mounting surface within 0.015/300mm;
- User to ensure perpendicularity of rotor inner bore relative to datum E within 0.1mm when mounted;
- O The cable diameter tolerance +0.3, and cable length tolerance +60.0

## ADR110-P-45

,	ADR110	-P-45				
Performance Parameters		Symbol	Unit	Series	Parallel	
Continuous Torque @100°C		Tcn	Nm	4.2	4.2	
Peak Torque		Tpk	Nm	12.6	12.6	
Torque Constant ±10%		Kt	Nm/Arms	1.40	0.70	
Back EMF Constant ±10%		Ke	Vpeak/rpm	0.119	0.060	
Motor Constant @25°C		Km	Nm/Sqrt(W)	0.51	0.52	
Resistance (L-L) @25°C ±10%		R <sub>25</sub>	Ω	4.90	1.21	
Inductance (L-L) ±20%		L	mH	26.26	6.49	
Electrical Time Constant		Τ <sub>e</sub>	ms	5.36	5.36	
Continuous Current @100°C		Icn	Arms	3.0	6.0	
Peak Current		I <sub>pk</sub>	Arms	9.0	18.0	
Continuous Power Dissipation @100°C		Pcn	W	85.3	84.2	
Max. Coil Temperature		tmax	°C	100	100	
Thermal Dissipation Constant		Kth	W/°C	1.137	1.123	
Max. Bus Voltage		Ubus	Vdc	600.0	600.0	
Pole Number		2P	-	16	16	
Mechanical Parameters						
Rotor Mass		m	kg	0.40	0.40	
Stator Mass		m	kg	1.80	1.80	
Rotor Inertia		Jr	kg m²	2.990E-04	2.990E-04	
Other Information						
Insulation Class		Class B (130°C)				
Protection Grade		IP00				
Compliance with Global Standa	ards	RoHS, CE				
Ambient Temperature	Operation	0°C to 40°C (non-freezing)				
Ambient remperature	Storage		-15°C to 70°C	(non-freezing)		
Operation of the control of the cont		10%RH to 80%RH (non-condensing)				
Ambient Humidity	Storage	10%RH to 90%RH (non-condensing)				
Recommended Ambience		Indoor (no direct sunlight); No corrosive gas, inflammable gas, oil mist or dust				

- $\textcircled{1} \ \ \text{Measurement is taken at ambient temperature 25 °C. Value depends on the thermal environment.}$
- Resistance is measured by DC current with standard 3 m cable.
- Inductance is measured by current frequency of 1 kHz.
  The contents of datasheet are subjected to change without prior notice.

#### Dimension



#### lote:

- ① User to ensure the concentricity of stator and rotor to be within 0.15mm when mounted
- User to ensure flatness of mounting surface within 0.015/300mm;
- User to ensure perpendicularity of rotor inner bore relative to datum E
- within 0.1mm when mounted;

  The cable diameter tolerance +0.3, and cable length tolerance +60.0



ADR135-P-27

Performance Parameters

Continuous Torque @100°C

Torque Constant ±10%

Back EMF Constant ±10%

Peak Torque

ADR135-P-27

Tcn

Ke

Nm

Nm

Vpeak/rpm

Symbol Unit Series Parallel

4.5

13.6

1.51

0.129

4.5

13.6

0.76

0.065

6.80

6.0

100

**Mechanical Parameters** Rotor Mass 0.45 0.45 kg Stator Mass 1.45 kg 1.45 Rotor Inertia Jr kg m² 4.243F-04 4.243F-04 Other Information

Insulation Class Class B (130°C) Protection Grade Compliance with Global Standards RoHS CF 0°C to 40°C (non-freezing) Ambient Temperature -15°C to 70°C (non-freezing) 10%RH to 80%RH (non-condensing) Ambient Humidity 10%RH to 90%RH (non-condensing) Indoor (no direct sunlight): Recommended Ambience sive gas, inflammable gas, oil mist or dust.

(1) Measurement is taken at ambient temperature 25°C. Value depends on the thermal environment

Resistance is measured by DC current with standard 3 m cable. Inductance is measured by current frequency of 1 kHz.

The contents of datasheet are subjected to change without prior notice

# Dimension Hall Sensor and Thermal Sensor Cable ø5.2 gth: 3.0m Fermination: Flying leads Refer to Wiring Diagram for detail ail) +0.2 41.0-0.3 8.8 27.0±0.1 12×M4×0.7 ₹8.0 (6×on front side & 6×on rear side 28.0±0.1

0.04

User to ensure the concentricity of stator and rotor to be within 0.15mm when more User to ensure flatness of mounting surface within 0.015/300mm

SCALE 1 · 1

 User to ensure perpendicularity of rotor inner bore relative to datum E within 0.1mm when mounted:

4 The cable diameter tolerance +0.3, and cable length tolerance +60.0

### ADR135-P-54

	ADR135	-P-54				
<b>Performance Parameters</b>		Symbol	Unit	Series	Parallel	
Continuous Torque @100°C		Tcn	Nm	10.3	10.3	
Peak Torque		Tpk	Nm	31.0	31.0	
Torque Constant ±10%		Kt	Nm/Arms	3.44	1.72	
Back EMF Constant ±10%		Ke	Vpeak/rpm	0.294	0.147	
Motor Constant @25°C		Km	Nm/Sqrt(W)	0.92	0.92	
Resistance (L-L) @25°C ±10%	0	R <sub>25</sub>	Ω	9.31	2.33	
Inductance (L-L) ±20% <sup>€</sup>		L	mH	63.31	15.83	
Electrical Time Constant		τ <sub>e</sub>	ms	6.80	6.80	
Continuous Current @100°C	)	Icn	Arms	3.0	6.0	
Peak Current		I <sub>pk</sub>	Arms	9.0	18.0	
Continuous Power Dissipation @100°C		Pcn	W	162.0	162.0	
Max. Coil Temperature		tmax	°C	100	100	
Thermal Dissipation Constant <sup>0</sup>		Kth	W/°C	2.160	2.160	
Max. Bus Voltage		Ubus	Vdc	600.0	600.0	
Pole Number		2P	-	16	16	
Mechanical Parameters						
Rotor Mass		m	kg	0.90	0.90	
Stator Mass		m	kg	3.00	3.00	
Rotor Inertia		Jr	kg m²	8.463E-04	8.463E-04	
Other Information						
Insulation Class		Class B (130°C)				
Protection Grade		IP00				
Compliance with Global Stand	dards	RoHS, CE				
Ambient Temperature	Operation	0°C to 40°C (non-freezing)				
Ambient remperature	Storage	-15°C to 70°C (non-freezing)				
Ambient Humidity	Operation	109	%RH to 80%RI	H (non-conden	sing)	
Ambient Humidity	Storage	10%RH to 90%RH (non-condensing)				
Recommended Ambience		Indoor (no direct sunlight); No corrosive gas, inflammable gas, oil mist or dust.				

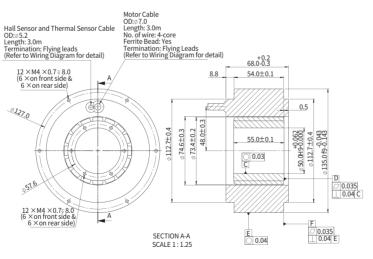
Measurement is taken at ambient temperature 25°C. Value depends on the thermal environment.

Resistance is measured by DC current with standard 3 m cable.

The contents of datasheet are subjected to change without prior notice.

6 Inductance is measured by current frequency of 1 kHz.

Dimension



1 User to ensure the concentricity of stator and rotor to be within 0.15mm when mounted

User to ensure flatness of mounting surface within 0.015/300mm;

Output State of the State of

The cable diameter tolerance +0.3, and cable length tolerance +60.0

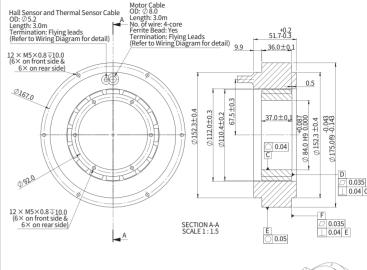
### ADR175-P-36

	ADR175	-P-36				
Performance Parameters		Symbol	Unit	Series	Parallel	
Continuous Torque @100°C		Tcn	Nm	14.3	14.3	
Peak Torque		Tpk	Nm	42.9	42.9	
Torque Constant ±10%		Kt	Nm/Arms	3.58	1.79	
Back EMF Constant ±10%		Ke	Vpeak/rpm	0.306	0.153	
Motor Constant @25°C		Km	Nm/Sqrt(W)	1.32	1.32	
Resistance (L-L) @25°C ±10%	2	R25	Ω	4.91	1.23	
Inductance (L-L) ±20% <sup>€</sup>		L	mH	42.57	10.64	
Electrical Time Constant		τ <sub>e</sub>	ms	8.67	8.67	
Continuous Current @100°C		Icn	Arms	4.0	8.0	
Peak Current		I <sub>pk</sub>	Arms	12.0	24.0	
Continuous Power Dissipation @100°C		Pcn	W	151.9	151.9	
Max. Coil Temperature		tmax	°C	100	100	
Thermal Dissipation Constant	D	Kth	W/°C	2.025	2.025	
Max. Bus Voltage		Ubus	Vdc	600.0	600.0	
Pole Number		2P	-	16	16	
Mechanical Parameters						
Rotor Mass		m	kg	1.10	1.10	
Stator Mass		m	kg	3.50	3.50	
Rotor Inertia		Jr	kg m²	2.453E-03	2.453E-03	
Other Information						
Insulation Class		Class B (130°C)				
Protection Grade		IP00				
Compliance with Global Stand	ards	RoHS, CE				
Ambient Temperature	Operation		0°C to 40°C	(non-freezing)		
Storage		-15°C to 70°C (non-freezing)				
Ambient Humidity	Operation	10%RH to 80%RH (non-condensing)				
Ambient numidity	Storage	10%RH to 90%RH (non-condensing)				
Recommended Ambience		Indoor (no direct sunlight); No corrosive gas, inflammable gas, oil mist or dus				

- Measurement is taken at ambient temperature 25°C. Value depends on the thermal environment
- Resistance is measured by DC current with standard 3 m cable.
- 6 Inductance is measured by current frequency of 1 kHz.

The contents of datasheet are subjected to change without prior notice.

#### ■ Dimension



User to ensure the concentricity of stator and rotor to be within 0.15mm when mounted

- User to ensure flatness of mounting surface within 0.015/300mm
- 8 User to ensure perpendicularity of rotor inner bore relative to datum E
- 4 The cable diameter tolerance +0.3, and cable length tolerance +60.0

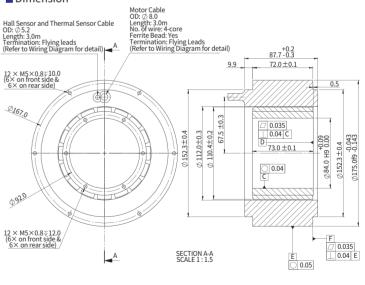
### ADR175-P-72

Performance Parameters		Symbol	Unit	Series	Paralle	
Continuous Torque @100°C		Ton	Nm	31.5	31.5	
Peak Torque		Tok	Nm	94.4	94.4	
Torque Constant ±10%		Ipk K₁	Nm/Arms	7.87	3.93	
Back EMF Constant ±10%		K <sub>e</sub>	Vpeak/rpm	0.672	0.336	
Motor Constant @25°C		Km	Nm/Sqrt(W)	2.25	2.2	
Resistance (L-L) @25°C ±10%	2	R <sub>25</sub>	0	8.18	2.0	
Inductance (L-L) ±20%		1 1	mH	70.92	17.73	
Electrical Time Constant		T <sub>e</sub>	ms	8.67	8.6	
Continuous Current @100°C		Icn	Arms	4.0	8.0	
Peak Current		Ipk	Arms	12.0	24.0	
Continuous Power Dissipation	@100° <b>€</b>	Pen	W	253.1	253.	
Max. Coil Temperature	@100 C	tmax	°C	100	10	
Thermal Dissipation Constant	)	Kth	W/°C	3.374	3.37	
Max. Bus Voltage		Ubus	Vdc	600.0	600.0	
Pole Number		2P	-	16	16	
Mechanical Parameters						
Rotor Mass		m	kg	2.10	2.10	
Stator Mass		m	kg	5.90	5.90	
Rotor Inertia		Jr	kg m²	4.892E-03	4.892E-03	
Other Information						
Insulation Class			Class B	(130°C)		
Protection Grade		IP00				
Compliance with Global Stand	ards		RoH:	S, CE		
Ambient Temperature	Operation		0°C to 40°C	(non-freezing)		
Ambient remperature	Storage		-15°C to 70°C	(non-freezing	)	
Ambient Humidity	Operation	10%RH to 80%RH (non-condensing)				
Storage		10%RH to 90%RH (non-condensing)				
Recommended Ambience		No corros		lirect sunlight) nmable gas, o		

Measurement is taken at ambient temperature 25°C. Value depends on the thermal environr

Resistance is measured by DC current with standard 3 m cable.

6) Inductance is measured by current frequency of 1 kHz. The contents of datasheet are subjected to change without prior notice ■ Dimension



① User to ensure the concentricity of stator and rotor to be within 0.15mm when mounted

User to ensure flatness of mounting surface within 0.015/300mm;

6 User to ensure perpendicularity of rotor inner bore relative to datum E

within 0.1mm when mounted;

4 The cable diameter tolerance +0.3, and cable length tolerance +60.0

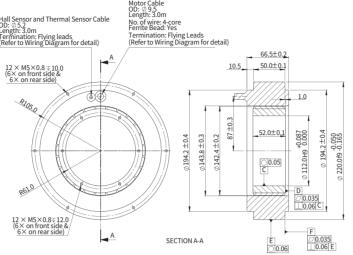
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### ADR220-P-50

	ADR220	-P-50				
Performance Parameters		Symbol	Unit	Series	Parallel	
Continuous Torque @100°C		Tcn	Nm	43.0	43.0	
Peak Torque		Tpk	Nm	129.1	129.1	
Torque Constant ±10%		Kt	Nm/Arms	7.97	2.66	
Back EMF Constant ±10%		Ke	Vpeak/rpm	0.681	0.227	
Motor Constant @25°C		Km	Nm/Sqrt(W)	2.70	2.70	
Resistance (L-L) @25°C ±10%	9	R25	Ω	5.81	0.65	
Inductance (L-L) ±20% <sup>€</sup>		L	mH	57.62	6.40	
Electrical Time Constant		τ <sub>e</sub>	ms	9.92	9.92	
Continuous Current @100°C		Icn	Arms	5.4	16.2	
Peak Current		I <sub>pk</sub>	Arms	16.2	48.6	
Continuous Power Dissipation @100°C		Pcn	W	327.6	327.6	
Max. Coil Temperature		tmax	°C	100	100	
Thermal Dissipation Constant <sup>®</sup>		Kth	W/°C	4.368	4.368	
Max. Bus Voltage		Ubus	Vdc	600.0	600.0	
Pole Number		2P	-	24	24	
Mechanical Parameters						
Rotor Mass		m	kg	2.30	2.30	
Stator Mass		m	kg	7.50	7.50	
Rotor Inertia		Jr	kg m²	9.249E-03	9.249E-03	
Other Information						
Insulation Class		Class B (130°C)				
Protection Grade		IP00				
Compliance with Global Stand	ards	RoHS, CE				
Ambient Temperature	Operation		0°C to 40°C	(non-freezing)		
Ambient Temperature	Storage		-15°C to 70°C	(non-freezing)		
Ambient Humidity	Operation	109	%RH to 80%RI	H (non-conden	sing)	
Ambient numberly	Storage	10%RH to 90%RH (non-condensing)				
Recommended Ambience		Indoor (no direct sunlight); No corrosive gas, inflammable gas, oil mist or dust				

- (1) Measurement is taken at ambient temperature 25°C. Value depends on the thermal environment. Resistance is measured by DC current with standard 3 m cable.
- 6) Inductance is measured by current frequency of 1 kHz.
- The contents of datasheet are subjected to change without prior notice.

#### ■ Dimension



#### User to ensure the concentricity of stator and rotor to be within 0.15mm when mounted

- User to ensure flatness of mounting surface within 0.015/300mm
- 6 User to ensure perpendicularity of rotor inner bore relative to datum F within 0.1mm when mounted:
- The cable diameter tolerance +0.3, and cable length tolerance +60.0



### ADR220-P-100

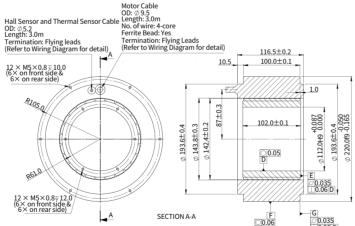
	ADR220	-P-100					
Performance Parameters		Symbol	Unit	Series	Parallel		
Continuous Torque @100°C		Tcn	Nm	91.9	91.9		
Peak Torque		Tpk	Nm	275.8	275.8		
Torque Constant ±10%		Kt	Nm/Arms	17.02	5.67		
Back EMF Constant ±10%		Ke	Vpeak/rpm	1.456	0.485		
Motor Constant @25°C		Km	Nm/Sqrt(W)	4.43	4.43		
Resistance (L-L) @25°C ±10%	2	R <sub>25</sub>	Ω	9.83	1.09		
Inductance (L-L) ±20% <sup>€</sup>		L	mH	97.48	10.83		
Electrical Time Constant		τ <sub>e</sub>	ms	9.92	9.92		
Continuous Current @100°C		Icn	Arms	5.4	16.2		
Peak Current		I <sub>pk</sub>	Arms	16.2	48.6		
Continuous Power Dissipation @100°C		Pcn	W	554.2	554.2		
Max. Coil Temperature		tmax	°C	100	100		
Thermal Dissipation Constant		Kth	W/°C	7.390	7.390		
Max. Bus Voltage		Ubus	Vdc	600.0	600.0		
Pole Number		2P	-	24	24		
Mechanical Parameters							
Rotor Mass		m	kg	4.50	4.50		
Stator Mass		m	kg	15.00	15.00		
Rotor Inertia		Jr	kg m²	1.831E-02	1.831E-02		
Other Information							
Insulation Class		Class B (130°C)					
Protection Grade		IP00					
Compliance with Global Stand	ards	RoHS, CE					
Ambient Temperature	Operation	0°C to 40°C (non-freezing)					
Ambient remperature	Storage		-15°C to 70°C	(non-freezing	)		
Ambiant Humidity	Operation	109	6RH to 80%RI	H (non-conden	sing)		
Ambient Humidity	Storage	109	10%RH to 90%RH (non-condensing)				
Recommended Ambience		Indoor (no direct sunlight); No corrosive gas, inflammable gas, oil mist or dust.					

Measurement is taken at ambient temperature 25°C. Value depends on the thermal environment

Resistance is measured by DC current with standard 3 m cable. 6) Inductance is measured by current frequency of 1 kHz.

The contents of datasheet are subjected to change without prior notice.

■ Dimension



Note:		
User to ensure the concentricity of stator and rotor to be within 0.15mm when mounted	d;	
User to ensure flatness of mounting surface within 0.015/300mm;	1	/

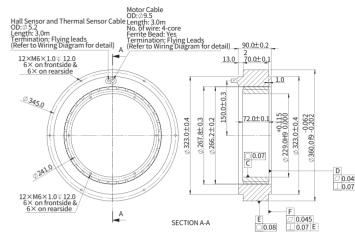
 User to ensure perpendicularity of rotor inner bore relative to datum E within 0.1mm when mounted-

### ADR360-P-70

	ADR360	-P-70				
Performance Parameters		Symbol	Unit	Series	Parallel	
Continuous Torque @100°C		Tcn	Nm	171.0	171.0	
Peak Torque		Tpk	Nm	513.0	513.0	
Torque Constant ±10%		Kt	Nm/Arms	17.10	8.55	
Back EMF Constant ±10%		Ke	Vpeak/rpm	1.462	0.73	
Motor Constant @25°C		Km	Nm/Sqrt(W)	8.17	8.17	
Resistance (L-L) @25°C ±10%	9	R <sub>25</sub>	Ω	2.92	0.73	
Inductance (L-L) ±20% <sup>6</sup>		L	mH	30.37	7.5	
Electrical Time Constant		τ <sub>e</sub>	ms	10.40	10.4	
Continuous Current @100°C		Icn	Arms	10.0	20.0	
Peak Current		I <sub>pk</sub>	Arms	30.0	60.0	
Continuous Power Dissipation	@100°C	Pcn	W	564.6	564.	
Max. Coil Temperature		tmax	°C	100	10	
Thermal Dissipation Constant		Kth	W/°C	7.528	7.52	
Max. Bus Voltage		Ubus	Vdc	600.0	600.0	
Pole Number		2P	-	32	3:	
Mechanical Parameters						
Rotor Mass		m	kg	7.30	7.3	
Stator Mass		m	kg	17.50	17.5	
Rotor Inertia		Jr	kg m²	1.145E-01	1.145E-0	
Other Information						
Insulation Class		Class B (130°C)				
Protection Grade		IP00				
Compliance with Global Stand	ards	RoHS, CE				
Ambient Temperature	Operation	0°C to 40°C (non-freezing)				
Ambiene remperature	Storage		-15°C to 70°C	(non-freezing)	)	
Ambient Humidity	Operation	109	%RH to 80%RI	H (non-conden	sing)	
Ambient namidity	Storage	10%RH to 90%RH (non-condensing)				
Recommended Ambience		Indoor (no direct sunlight); No corrosive gas, inflammable gas, oil mist or dus				

- Measurement is taken at ambient temperature 25°C. Value depends on the thermal environment
- Resistance is measured by DC current with standard 3 m cable. 6) Inductance is measured by current frequency of 1 kHz.
- The contents of datasheet are subjected to change without prior notice.

#### ■ Dimension



User to ensure the concentricity of stator and rotor to be within 0.15mm when mountain the concentration of the concentration.

- User to ensure flatness of mounting surface within 0.015/300mm
- 6) User to ensure perpendicularity of rotor inner bore relative to datum E within 0.1mm when mounted;
- 4 The cable diameter tolerance +0.3, and cable length tolerance +60.0

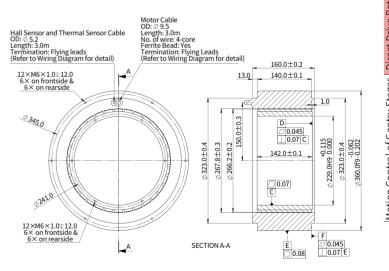
### ADR360-P-140

	ADR360	-P-140				
Performance Parameters		Symbol	Unit	Series	Paralle	
Continuous Torque @100°C		Tcn	Nm	358.0	358.	
Peak Torque		Tpk	Nm	1074.0	1074.	
Torque Constant ±10%		Kt	Nm/Arms	35.80	17.9	
Back EMF Constant ±10%		Ke	Vpeak/rpm	3.061	1.53	
Motor Constant @25°C		Km	Nm/Sqrt(W)	12.89	12.8	
Resistance (L-L) @25°C ±10%	9	R <sub>25</sub>	Ω	5.14	1.2	
Inductance (L-L) ±20% <sup>€</sup>		L	mH	53.46	13.3	
Electrical Time Constant		Τe	ms	10.40	10.4	
Continuous Current @100°C		Icn	Arms	10.0	20.	
Peak Current		I <sub>pk</sub>	Arms	30.0	60.	
Continuous Power Dissipation @100°C		Pcn	W	993.8	993.	
Max. Coil Temperature		tmax	°C	100	10	
Thermal Dissipation Constant		K <sub>th</sub>	W/°C	13.251	13.25	
Max. Bus Voltage		Ubus	Vdc	600.0	600.	
Pole Number		2P	-	32	3	
Mechanical Parameters						
Rotor Mass		m	kg	13.80	13.8	
Stator Mass		m	kg	33.00	33.0	
Rotor Inertia		Jr	kg m²	2.272E-01	2.272E-0	
Other Information						
Insulation Class			Class B	(130°C)		
Protection Grade			IP	00		
Compliance with Global Stand	ards		RoH:	S, CE		
Ambient Temperature	Operation	0°C to 40°C (non-freezing)				
Ambient remperature	Storage		-15°C to 70°C	(non-freezing)	)	
Ambient Humidity	Operation	10%RH to 80%RH (non-condensing)				
Ambient Humidity Storage		10%RH to 90%RH (non-condensing)				
Recommended Ambience		No corros		lirect sunlight); nmable gas, oi		

Resistance is measured by DC current with standard 3 m cable.

6 Inductance is measured by current frequency of 1 kHz. The contents of datasheet are subjected to change without prior notice.

#### ■ Dimension



1 User to ensure the concentricity of stator and rotor to be within 0.15mm when mounted

User to ensure flatness of mounting surface within 0.015/300mm;

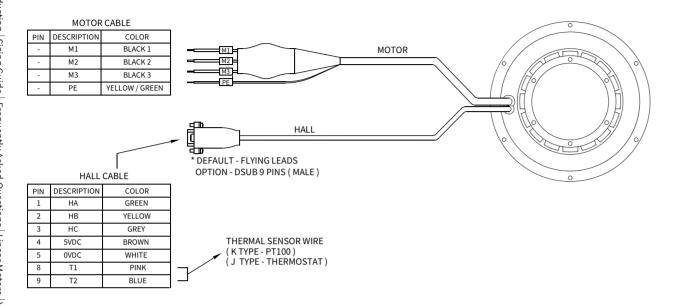
6 User to ensure perpendicularity of rotor inner bore relative to datum E within 0.1mm when mounted;

 $\ensuremath{\textcircled{0}}$  The cable diameter tolerance +0.3, and cable length tolerance +60.0



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## **Motor Cable Connection**



# **Part Numbering**

