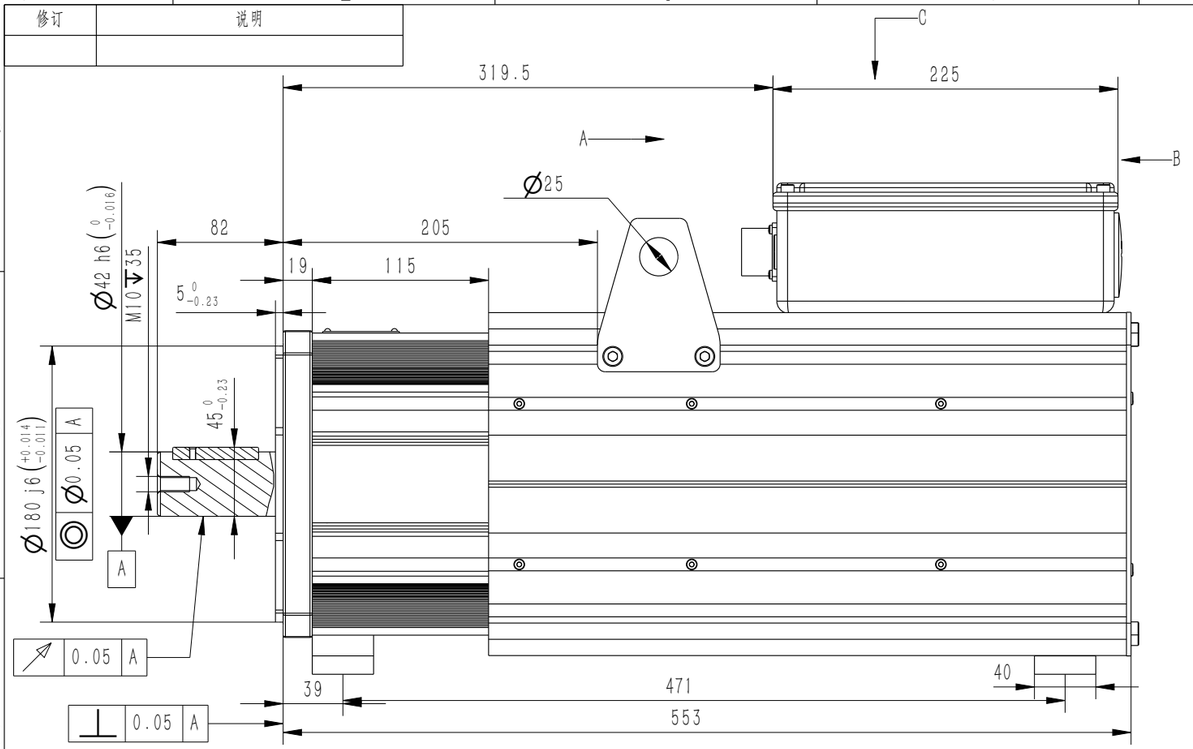
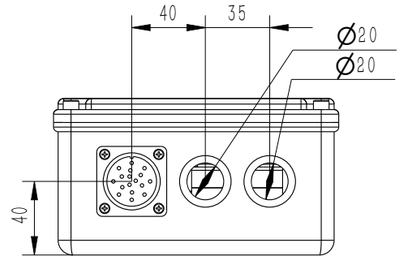
正样
2026.08.25
B00

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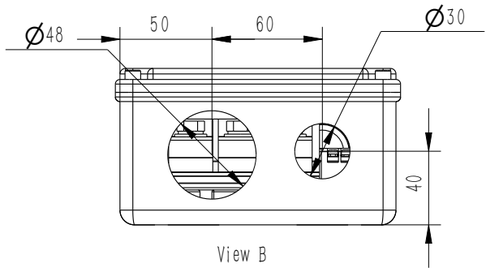
修订	说明

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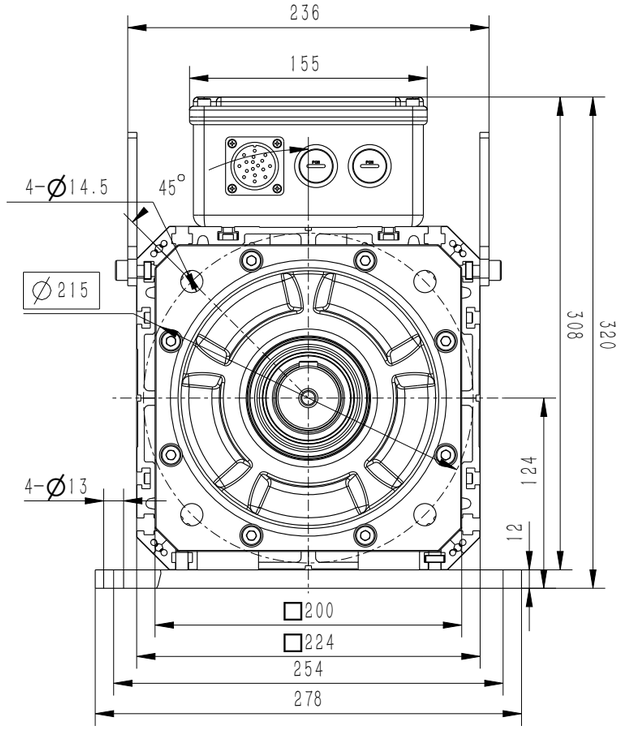


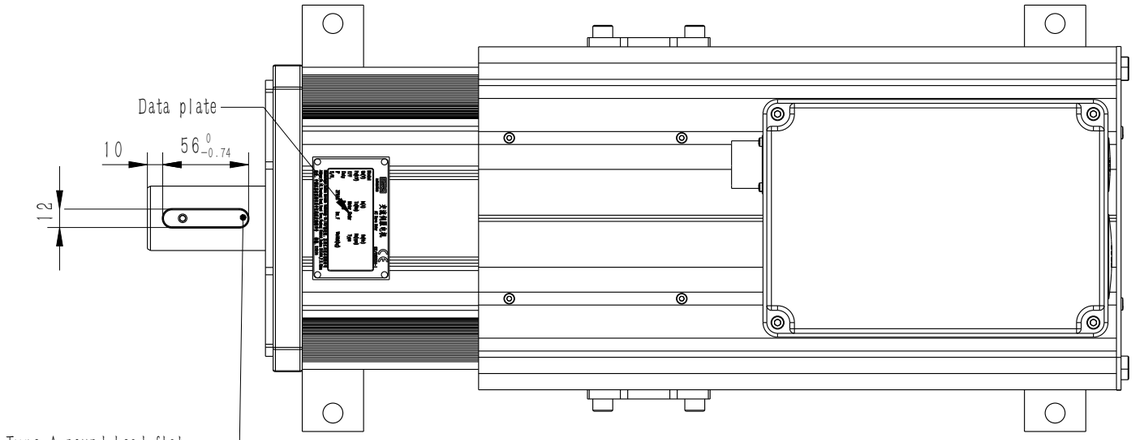


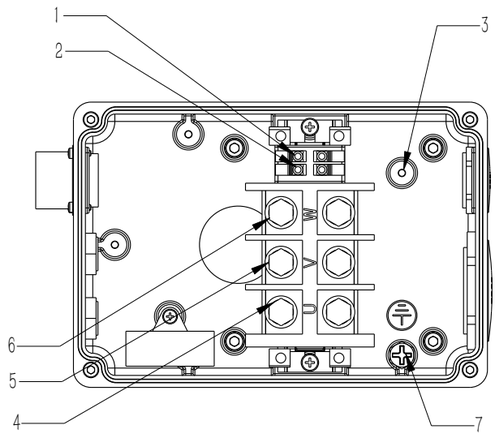
View A



View B



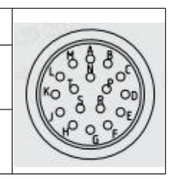




View C

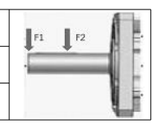
Nr	Specifications	Shape	Descreiption
1	M3	Forked type	Fan+
2	M3		Fan−
3	M4		Fan GND
4	M8	Ring type	U(blue)
5	M8		V(red)
6	M8		W(yellow)
7	M8		GND

Name	Definition of wiring for absolute value enconders							PTC、KTY			
Definition	PS+ yellow	PS yellow black	VB Battery+ Blue	VB Battery− Blue black	+5V Red	GND Black	Shielding layer	PTC− Blue	PTC+ Blue	KTY+ White	KTY green
17P Aviation connector	A	B	E	F	G	H	J	K	L		M



α
L

Radial load(N)(30000h)	
F1	F2
1547	1691



				Outside drawing	0111AM59−WX	
B00	Aechived	/	20260824			
Version	Change method	Changed by	Date			
Design	/			/	Mark	INOVANCE
Check	/					
Craft	/					
Verify	/			Weight	Scale	Version
stangardization	/			79.8kg	1:4	B00
Approve	/					

Model ISMG1−41D20CD−A331FA−INT

苏州汇川技术有限公司

A3

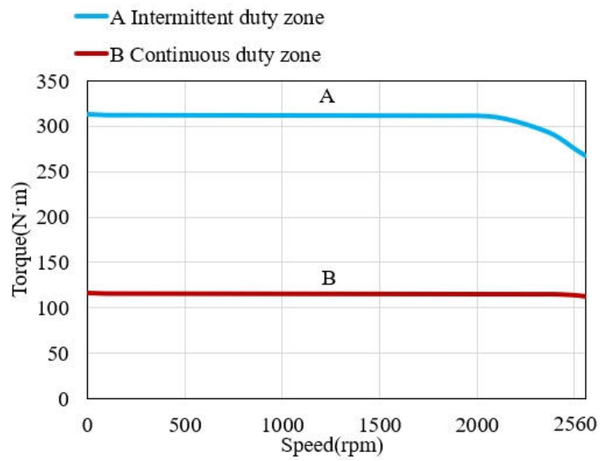
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2026.08.25
B00

修订	说明

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Motor Parameters		Unit	Value
Rated Torque(S1)	Mdn	[Nm]	150.0
Rated Torque(S4)	Mdn	[Nm]	195
Rated Current(S1)	Idn	[A]	57.3
Rated Current(S4)	Idn	[A]	78.9
Rated Power(S1)	Pdn	[Kw]	31.4
Rated Power(S4)	Pdn	[Kw]	41
Rated Speed	nM	[rpm]	2000
Rate Frequncy	F	[Hz]	133.33
Peak Torque	Mmax	[Nm]	405
PeakCurrent	Imax	[A]	170
Max.Speed@380V	nmax	[rpm]	2400
Nominal Voltage	Vn	[V]	380
Efficiency	E	/	93.90%
No.Of Poles	2P	/	8
Rotor inertia	Jm	[kg.m2*10-4]	150
Torque Constant(20℃)	KT	[Nm/A]	2.62
Voltage Constant	Ke	[V/1000RPM]	158.4



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				Outside drawing	0111AM59-WX	
B00	Aechived	/	20260824			
Version	Change method	Changed by	Date			
Design	/			/	Mark	INOVANCE
Check	/					
Craft	/					
Verify	/			Weight	Scale	Version	Page 2 of 2
stangardization	/			79.8kg	1:4	B00	Model	ISMG1-41D20CD-A331FA-INT
Approve	/					

A3