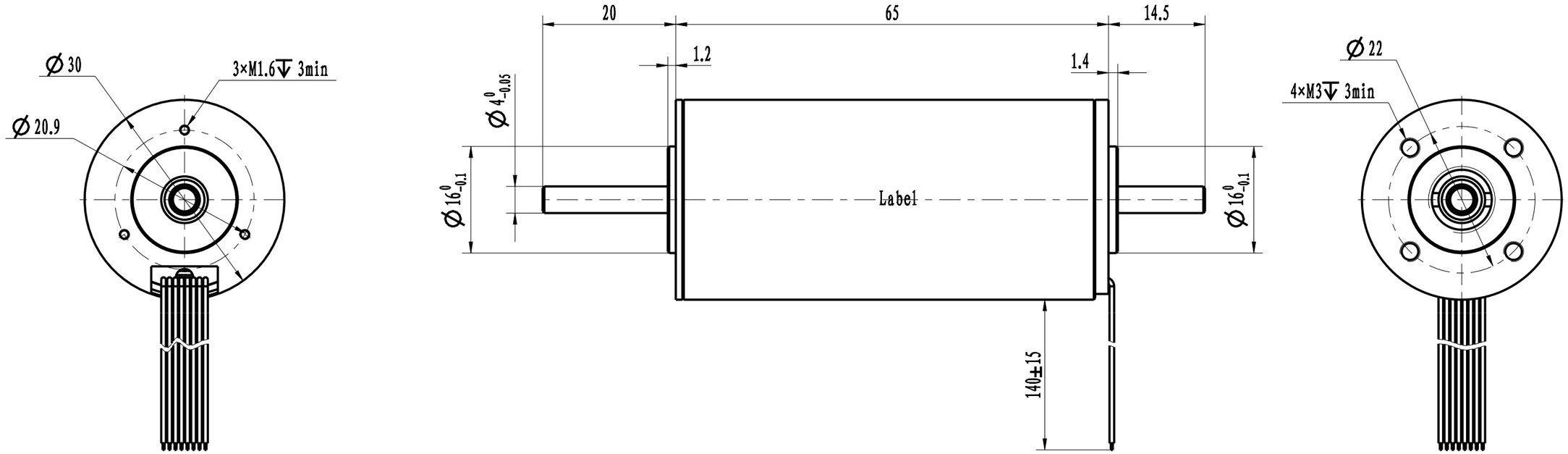
30ZWWC65-1
DC 24V 6900 RPM
DINGS' MOTION
DATE

REVISION			
REV.	DATE	DESCRIPTION	DRAWN BY



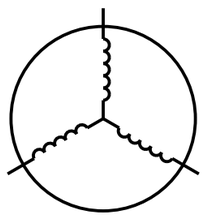
REDUCTION RATIO	-	DIELECTRICAL STRENGTH	500VAC,1mA,1s
POLE PAIRS	2	INSULATION RESISTANCE	100 MΩ,500VDC
RATED VOLTAGE(VDC)	24	DUTY TYPE	S1
RESISTANCE(Ω)	0.5	INDUCTANCE(mH)	0.05
RATED CURRENT(A)	3.85	NO LOAD CURRENT(A)	0.3
RATED SPEED(RPM)	6900	NO LOAD SPEED(RPM)	9200
RATED TORQUE(mN·m)	90	PROTECTION GRADE	-
RATED POWER(W)	65	TORQUE CONSTANT(mN·m/A)	23.37
BACK EMF CONSTANT(V/KRPM)	2.45	ROTOR INERTIA($g \cdot cm^2$)	28

CUSTOMER

WIRING CHART

Line color line sequence

NOTICE TO PERSONS RECEIVING THIS DRAWING
THIS DRAWING IS ONLY CONDITIONALLY ISSUED, AND FOR THE SOLE PURPOSE OF INFORMING LICENSEES AND ASSOCIATE CONTRACTORS OF DINGS' MOTION, AND VENDORS THERETO AND CUSTOMERS THEREOF, RECEIPT OR POCESSION THEREOF DOES NOT CONFER TO TRANSFER ANY RIGHT IN THE SUBJECT MATTER OF THE DRAWING. THE DESIGN, CONSTRUCTION, TECHNICAL INFORMATION AND ALL OTHER SUBJECT MATTER SHOWNIN THIS DRAWING ARE AND REMAIN, EXCEPT AS MAY BE OTHERWISE INDICATED BY WRITTEN NOTICE HEREON, THE EXCLUSIVE PROPERTY OF SAID CORPORATION. THIS DRAWING MAY BE REPRODUCED ONLY BY LICENSEES AND ASSOCIATE CONTRACTORS OF SAID CORPORATION AND ONLY FOR LICENSED MANUFACTURE, AND BY VENDORS MANUFACTURING FOR SAID CORPORATION AND ONLY FOR LICENSEES AND ASSOCIATECONTRACTORS.



Wire gauge	Motor wire	Wire color	Wire gauge	Hall wire	Wire color
AWG 22 UL 3265	PHASE U	BN	AWG 26 UL 3265	+5 VDC	RD
	PHASE V	YE		HALL U	GY
	PHASE W	GN		HALL V	WH
				HALL W	BU
				GND	BK

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS AND TOLERANCES ARE AS BELOW

LINERA		ANGULAR	
0~3	±0.2	0~10	±1.5°
3~6	±0.5	10~50	±1°
6~30	±0.8	50~120	±30′
30~120	±1.5	120~400	±15′

DRAWN	刘梦元	DATE	20260630
CHECK	杨佳文	DATE	20260630
APPRVD		DATE	
COUNTERSIGN		DATE	
MODEL	30ZWWC65-1_0_0-00WX		

DINGS

SIZE	A3	SHEET	1/1
SCALE	1:1	REV	