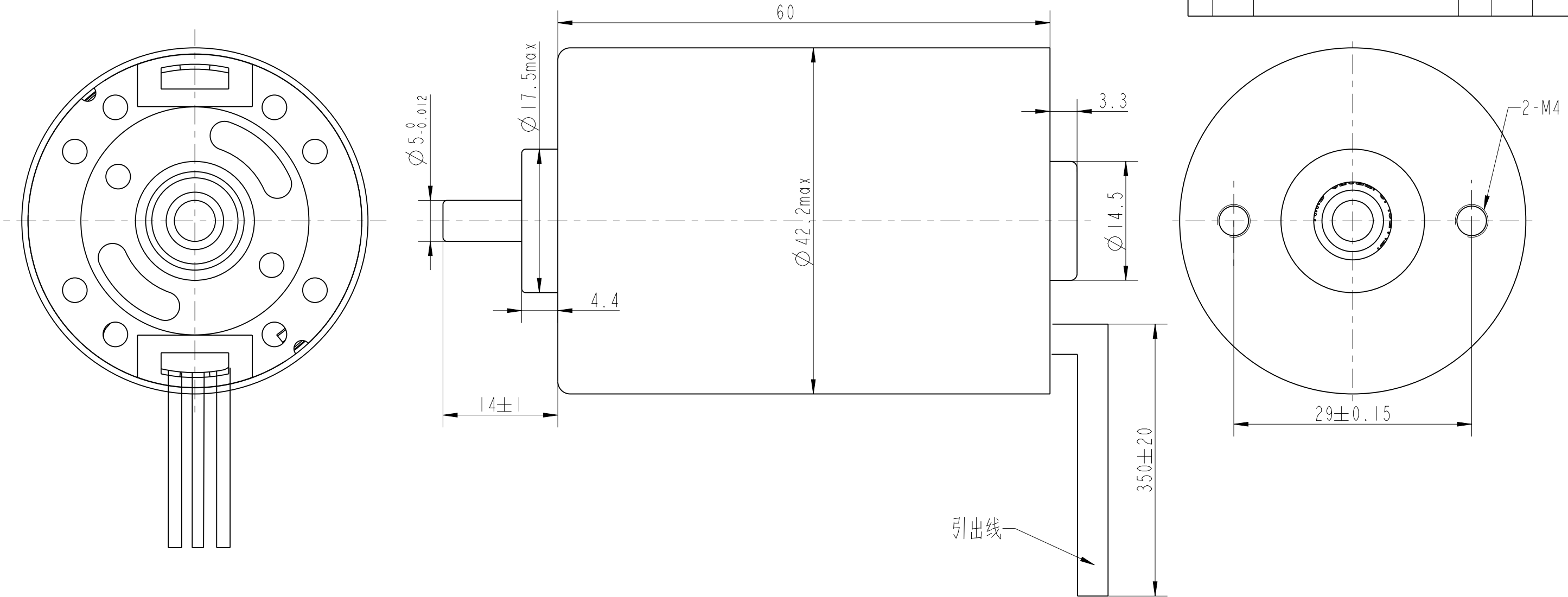


REV	ECN	NO	DESCRIPTION	DRN	APP'D	DATE



NUMBER OF PHASE	绕组相数	3
NUMBER OF POLES	极数	4
LINE TO LINE RESISTANCE	线电阻	0.87±10% ohms@20°C
LINE TO LINE INDUCTANCE	线电感	1±20% mH@1kHz
NOMINAL VOLTAGE	额定电压	24 VDC
NO LOAD SPEED	空载转速	7100±10% RPM
NO LOAD CURRENT	空载电流	0.25 A
RATED TORQUE	额定转矩	68 mN.m
RATED SPEED	额定转速	5900±10% RPM
RATED CURRENT	额定电流	2 A
PEAK TORQUE	峰值转矩	102mN.m
PEAK CURRENT	峰值电流	3 A
BACK EMF CONSTANT	反电势常数	2.5±10% Vrms/kRPM
TORQUE CONSTANT	转矩常数	33.75±10% mN.m/A
INSULATION CLASS	绝缘等级	B 130°C
DIELECTRIC STRENGTH	介电强度	750VAC ISEC
INSULATION RESIST	绝缘电阻	100MΩ @500VDC
ROTOR INERTIA	转子转动惯量	44g.cm ²
WEIGHT	重量	0.4Kg
OPERATION AMBIENT	使用环境	Ambient temperature:-20...+50°C, humidity Max.85%(No condensation)
STORAGE AMBIENT	存储环境	Ambient temperature:-10...+85°C, humidity Max.85%(No condensation)

PERMISSIBLE RADIAL+AXIAL FORCE		
AXIAL-FORCE	轴向压力	Fa=10 N Max
DISTANCE	距离	a=10 mm
RADIAL-FORCE	径向压力	Fr=15 N Max
SHAFT RADIAL PLAY	径向间隙	0.02mm Max.@4N
SHAFT AXIAL PLAY	轴向间隙	0.14mm Max.@4N

Color 颜色	Gauge 线型号	Functions 功能
RED	UL1332	VCC
BLK	AWG22#	GND
GRN	UL1430 AWG26#	F/R
WHT		PWM
YEL		PG
BLU		BK

A		DESIGN	DATE	P/N.	3.1.02.042.0790
REV	ECN NO.	DESCRIPTION		TITLE	specifications
UNLESS OTHERWISE SPECIFIED		MATERIAL	CONTR.	CHECK	USED ON
TOLERANCES:				APPD	FL42CBL60-24V-5943-1E
DECIMALS:		ANGULAR:		DWG NO.	REV
.X ±0.5		±0°30'			A
.XX ±0.25				FULLING MOTOR	
.XXX ±0.1		FIRST ANGLE PROJECTION		SCALE	1:1
UNIT: mm				SHEET	1 OF 1
DO NOT SCALE DRAWING					