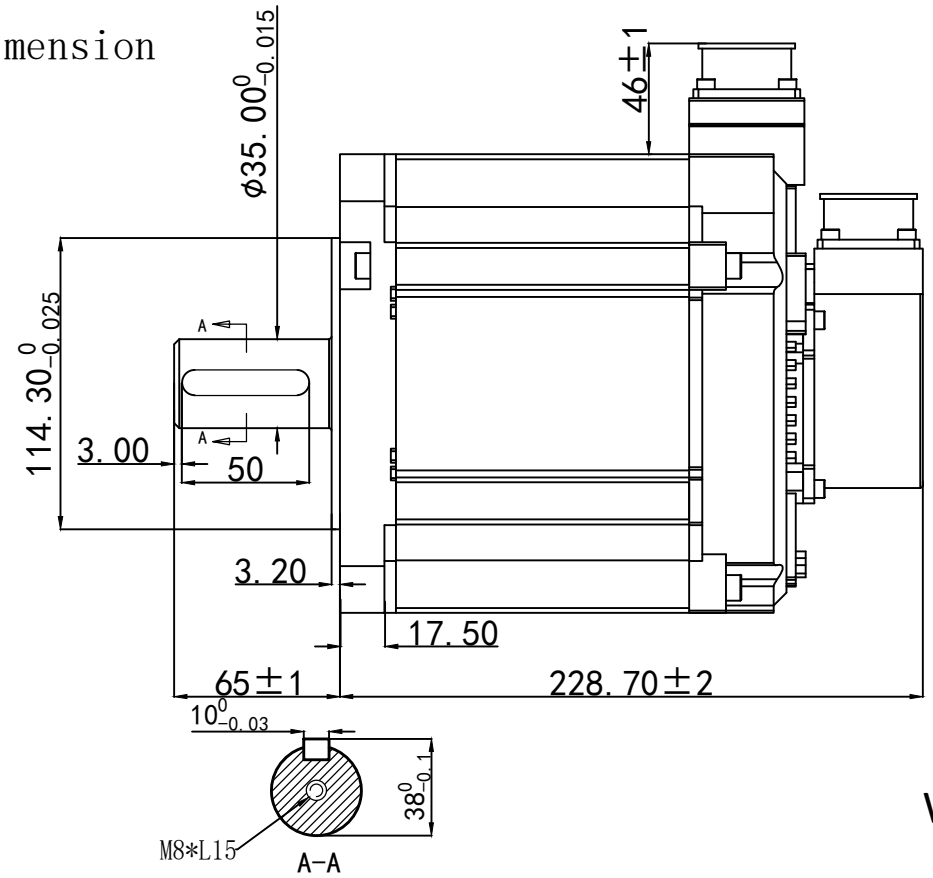
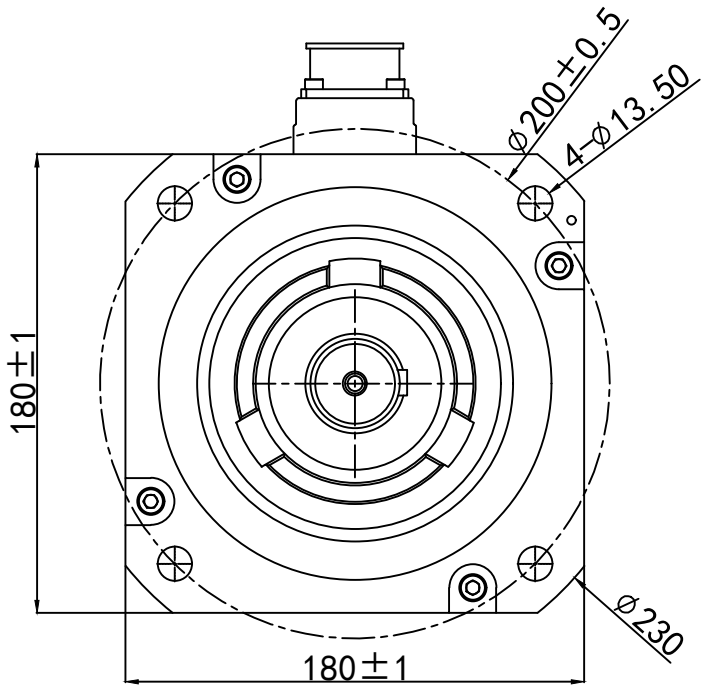
Dimension





Specification

Rated Voltage	380V	Line-line Resistance	0.91Ω
Rated Power	5500W	Phase Inductance	7.7mh
Rated Current	12A	Electrical time constant	6.2mh
Rated RPM	1500rpm	Pole-pairs	5
Rated Torque	35N.m	Encoder	17bit
Peak RPM	1800rpm	Rotor Inertia	$6.5X10^{-3}Kg.m^2$
Max Momentary Current	24A	Withstand Voltage	1500V 5s
Max Momentary Torque	70N.m	Insulation Resistance	500V ≥20MΩ
Torque Coefficient	2.9	Protection grade	IP65
Counter electromotive force(U)	183(V/1000r/m)	Motor Insulation Class	F
Ambient Temperature	-20℃-50℃	Weight	19kg

Wiring Diagram

Motocable：YD32J4Z

插座编码	1	2	3	4
功能接口	PE	U	V	W

Encoder：YD28J15Z

插座编码	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
功能接口	PE	5V	0V	485+	485-										

				RA3P-12RT
版本号	标记	更改内容	日期	
设 计		日 期	2026-8-8	180BSF-H55015-004ZRN(RYZS)
审 核		日 期		
校 核		日 期		
批 准		日 期		