THIS DOCUMENT IS THE PROPERTY OF RION TECHNOLOGY(SHENZHEN) LTD (HEREAFTER"RION"), IT IS LENT AND IS TO BE RETURNED UPON REQUEST, THE CONTENTS OF THIS DOCUMENT ARE CONFIDENTIAL AND CONSTITUTE TRADE SECRETS PROPRIETARY TO RION, THIS DOCUMENT NOR ITS CONTENTS DOCUMENT NOR ITS CONTENTS SHALL BE DISCLOSED TO ANY UNAUTHORIAED PERSON COPIED OR PUBLISHED WITHOUT RION PRIOR WRITTEN CONSENT. COPY RIGHT@2020 RION TECHNOLOGY 35 Rotor side Stator side Anti-rotation tab 15 Rotor wires Stator wires Ø300 4-M10 Screws Rotation axis $\emptyset 250_{+0}^{+0.}$ 20 136 **Electrical Specification** 6 rings 10A 6-AWG16# teflon 1 Rings 2 Current Power module:6 rings, 10A/ring 3 Voltage 0-440VDC/VAC 4 Insulation Recistance 1000MΩ@1000VDC 5 Electrical noise Max.10mΩ; 6 Dielectric strength 1000VAC@50Hz;60S **Mecchanical Specification** 7 Speed 0~150RPM; 8 Torque Max.0.5 N.M; Typical: 10million revolutions, but strongly depends on your working conditions 9 Life **Environmental adaptability** 10 Working temperature -30°C~+80°C 11 Storage temperature -35℃~+85℃ 12 humidity 85±3%(30℃+5℃) 13 Rush 40g,11ms,Half sine wave, Vertical direction 3 times, Level 3times UNLESS OTHERWISE SPECIFIED 6 rings 10A TOLERANCES EXCEPT AS NOTE 14 IP Class IP51 1.ALL DIMENSIONS ARE IN MM HES BREAK SHARP EDGES &DEBURR 2.MATERIAL&FINISH TO BE AS NOTED OR RT250398-P0610 MODEL SUBSTITUTED WITH AN APPROVED AND TESTED EQUIVALENT DECIMAL X±.1 Materal/Attachment XX±.03 FILLETS R.015 FINISH ¹²⁵✓ XXX±.00 16 Housing material ALL Alloy 15 Contact Material Precious metal RACTIONAL±1/16 THIRD ANGLE PROJECTION 17 Lead wire Rotor:300mm(See wiring diagram) ANGULAR±1° Stator:300mm(See wiring diagram)