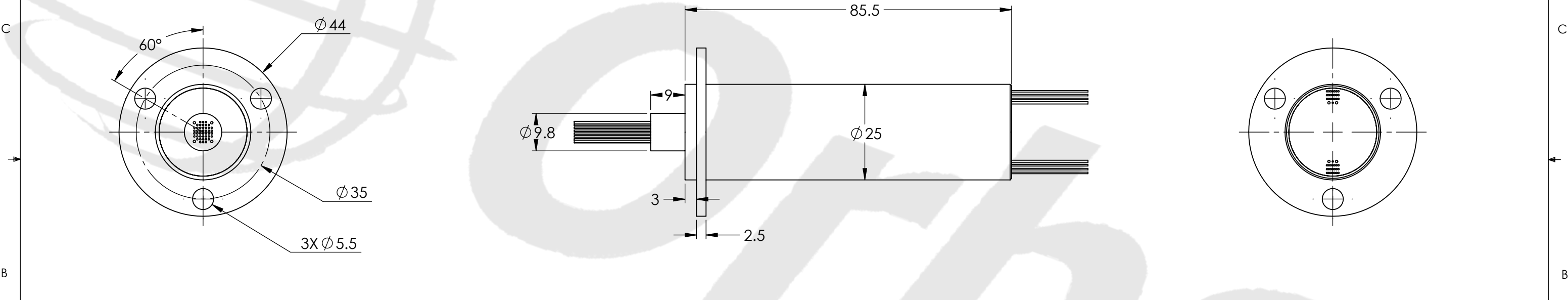


| | | REVISIONS | | | | | | | | | | | | | | | | | | | | |
|--|--|-----------|------|----------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|----------|
| | | ZONE | REV. | DESCRIPTION | | | | | | | | | | | | | | | | | DATE | APPROVED |
| | | | 1 | Customer Information | | | | | | | | | | | | | | | | | 1/1/2014 | WRH |

| 1 | Stator Exit 1 Red Shink Tube | | | | | | | | | | | | | | | | | | | | | | | |
|------------|------------------------------|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------------|------------|
| Ring No. | 1 | 3 | 5 | 7 | 9 | 11 | 13 | 15 | 17 | 19 | 21 | 23 | 25 | 27 | 29 | 31 | 33 | 35 | 37 | 39 | 41 | 43 | 45 | 47 |
| Color Code | RED | GRN | YEL | PUP | GRY | BLK | BLU | DBLU | BRN | ORN | WHT | KHK | WHT-RED | WHT-BLK | WHT-BLU | WHT-PUP | WHT-BRN | WHT-GRN | WHT-ORN | WHT-YEL | WHT-GRY | BLK-RED | RED | WHT |

| 2 | Stator Exit 2 Blue Shink Tube | | | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------------------------|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------------|------------|
| Ring No. | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 |
| Color Code | RED | GRN | YEL | PUP | GRY | BLK | BLU | DBLU | BRN | ORN | WHT | KHK | WHT-RED | WHT-BLK | WHT-BLU | WHT-PUP | WHT-BRN | WHT-GRN | WHT-ORN | WHT-YEL | WHT-GRY | BLK-RED | BLK | YEL |

COLUMNS IN **BOLD** INDICATE A POWER CIRCUIT



| TECHNICAL DATA | |
|----------------------------|--|
| NUMBER OF CIRCUITS | 48 (44@2A, 4@6A) |
| RATED VOLTAGE | 240 VDC/AC |
| DIELECTRIC STRENGTH | 500VAC@50Hz |
| RATED CURRENT | 2A/RING (SIGNAL), 6A/RING (POWER) |
| NOMINAL SPEED | 0-300 RPM |
| INSULATION RESISTANCE | 1000 MΩ/500VDC |
| DYNAMIC CONTACT RESISTANCE | <10 mΩ |
| CONTACT MATERIAL SURFACE | GOLD-GOLD |
| LEAD | AWG26 (2A), AWG22 (6A), COLOR CODED, PTFE INSULATED, SILVER PLATED |
| STANDARD LEAD LENGTH | 250mm |
| TEMPERATURE | -20°C to + 80°C |
| BEARINGS | MINIATURE, PRECISION STEEL BEARINGS |
| HOUSING | ALUMINUM |
| PROTECTION | IP51 |

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CONFIDENTIAL

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| UNLESS OTHERWISE SPECIFIED: DRAWING SYMBOLS & TOLERANCES PER ANSI Y14.5 DIMENSIONS ARE METRIC TOLERANCES: DECIMALS LINEAR ANGULAR .X ±0.2 ±0.5DEG .XX ±0.02 ±0.2DEG .XXX ±0.005 ±0.01DEG | | Orbex Group | |
| INTERPRET GEOMETRIC TOLERANCING PER: ANSI Y14.5 | | TITLE: Slip Ring | |
| MATERIAL SEE CHART | SIZE B | PRT. NO. 325M1-4404A | REV 1 |
| FINISH CLEAN | DRAWN MRJ | DATE 3/28/2014 | SCALE: 1:1 |
| | | SHEET 1 OF 1 | |