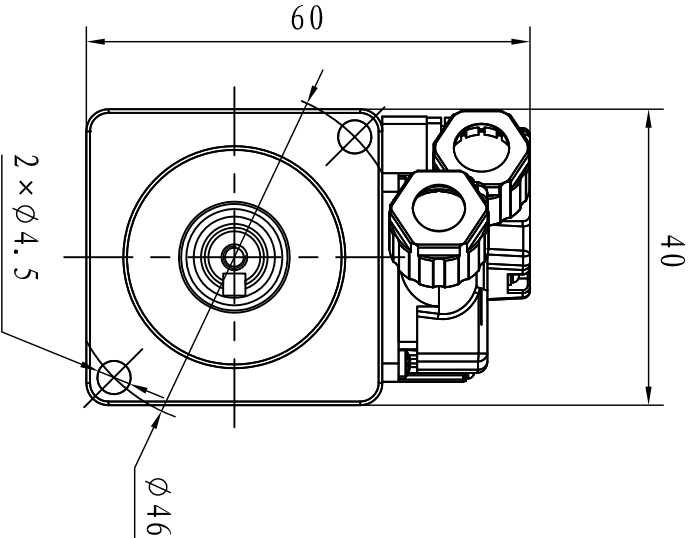
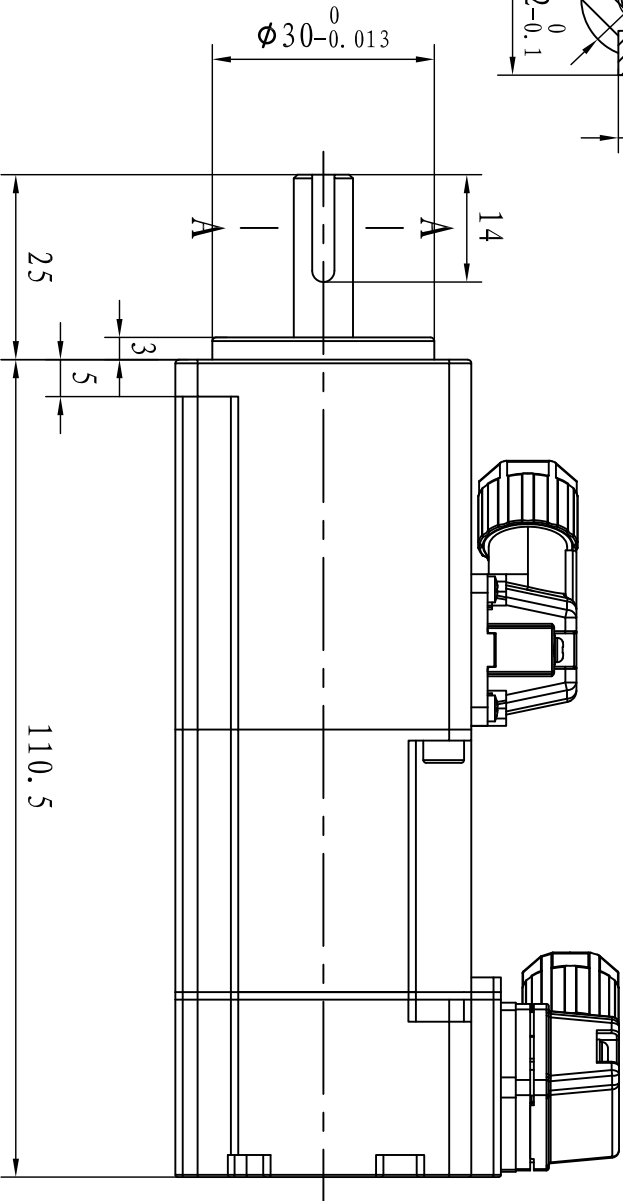
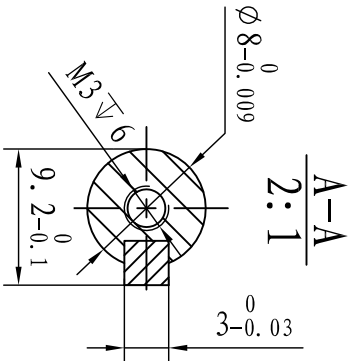
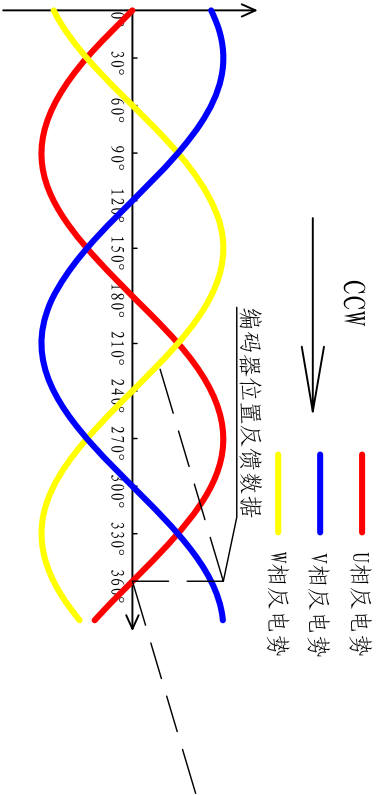


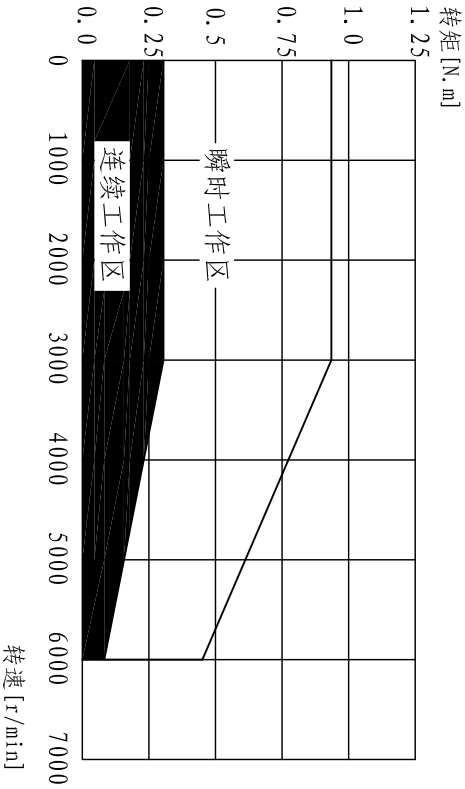
| 性能参数     |                                         |       |
|----------|-----------------------------------------|-------|
| 项目       | 单位                                      | 数值    |
| 额定功率     | W                                       | 100   |
| 额定电压     | V                                       | 220   |
| 额定电流     | A                                       | 1.0   |
| 峰值电流     | A                                       | 3.0   |
| 额定转速     | r/min                                   | 3000  |
| 峰值转速     | r/min                                   | 6000  |
| 额定力矩     | N.m                                     | 0.32  |
| 峰值力矩     | N.m                                     | 0.96  |
| 反电势      | V/krpm                                  | 19    |
| 力矩系数     | N.m/A                                   | 0.32  |
| 转子惯量     | $\text{kg}\cdot\text{m}^2\times10^{-4}$ | 0.053 |
| 绕组（线间）电阻 | $\Omega$                                | 14.5  |
| 绕组（线间）电感 | mH                                      | 13.7  |
| 电气时间常数   | ms                                      | 0.94  |
| 极对数      |                                         | 5     |
| 重量       | kg                                      | 0.9   |



编码器零点与电机相位关系

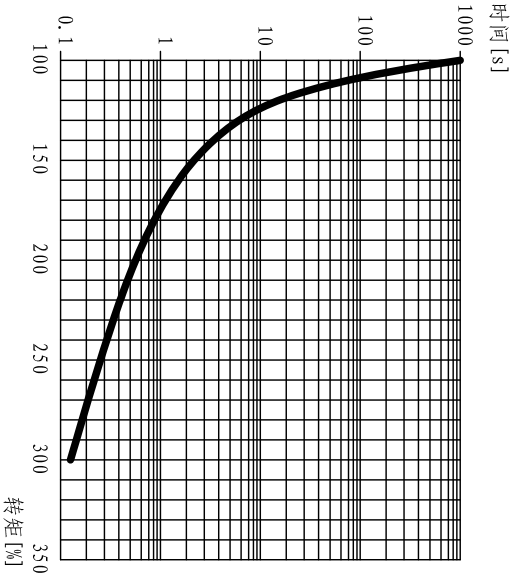


转速-转矩特性图



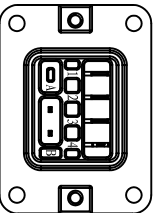
| 制动器参数 |           |      |  |
|-------|-----------|------|--|
| 项目    | 单位        | 参数   |  |
| 用途    | -         | 保持制动 |  |
| 保持转矩  | Nm        | 0.32 |  |
| 供电电压  | Vdc ± 10% | 24   |  |
| 脱离时间  | ms        | 20   |  |
| 吸合时间  | ms        | 50   |  |
| 回转间隙  | 度         | 1.7  |  |

伺服电机的过载保护特性



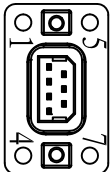
注：以上过载保护特性并不保证可在100%以上输出条件下连续使用  
使用时，请将有效转矩控制在“转速-转矩特性”的连续使用范围内

动力线



| 插座型号 | 公头：SC-MC6P-AP1G-04-16<br>母头：SC-MC6S-AP1G-00 |   |   |    |      |      |  |
|------|---------------------------------------------|---|---|----|------|------|--|
| 针脚编号 | 1                                           | 2 | 3 | 4  | A    | B    |  |
| 定义   | V                                           | U | W | PE | Brk+ | Brk- |  |

编码器线



| 插座型号 | 公头：SC-MC7P-HZWC<br>母头：SC-MC7S-A61G-10 |     |    |    |    |    |    |
|------|---------------------------------------|-----|----|----|----|----|----|
| 针脚编号 | 1                                     | 2   | 3  | 4  | 5  | 6  | 7  |
| 定义   | SD+                                   | SD- | B+ | B- | 5V | 0V | PE |

|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|---------------|--|--|--|--|--|--|--|--|--|----------|--|--|--|--|--|--|--|--|--|
| <div><div>SERVOTRONIX<br/>always in motion™</div></div> |  |  |  |  |  |  |  |  |  | P3C-L01A104BJ |  |  |  |  |  |  |  |  |  | 高创旋转伺服电机 |  |  |  |  |  |  |  |  |  |
| 规格书                                                                                                                                        |  |  |  |  |  |  |  |  |  | 阶段标记          |  |  |  |  |  |  |  |  |  | 数量比例     |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  | 共 1 张         |  |  |  |  |  |  |  |  |  | 第 1 张    |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  | 1:1      |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
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|                                                                                                                                            |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |
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