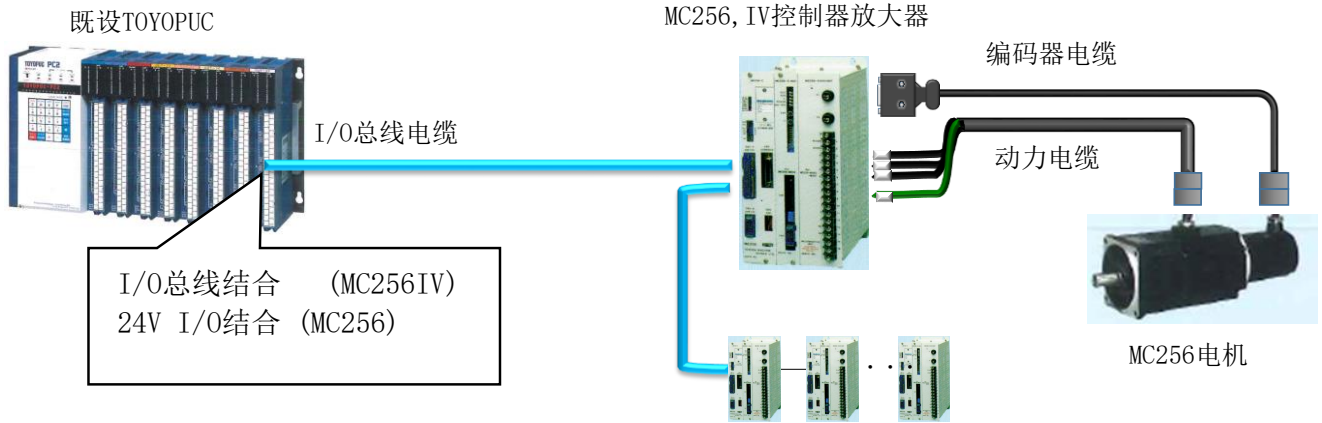


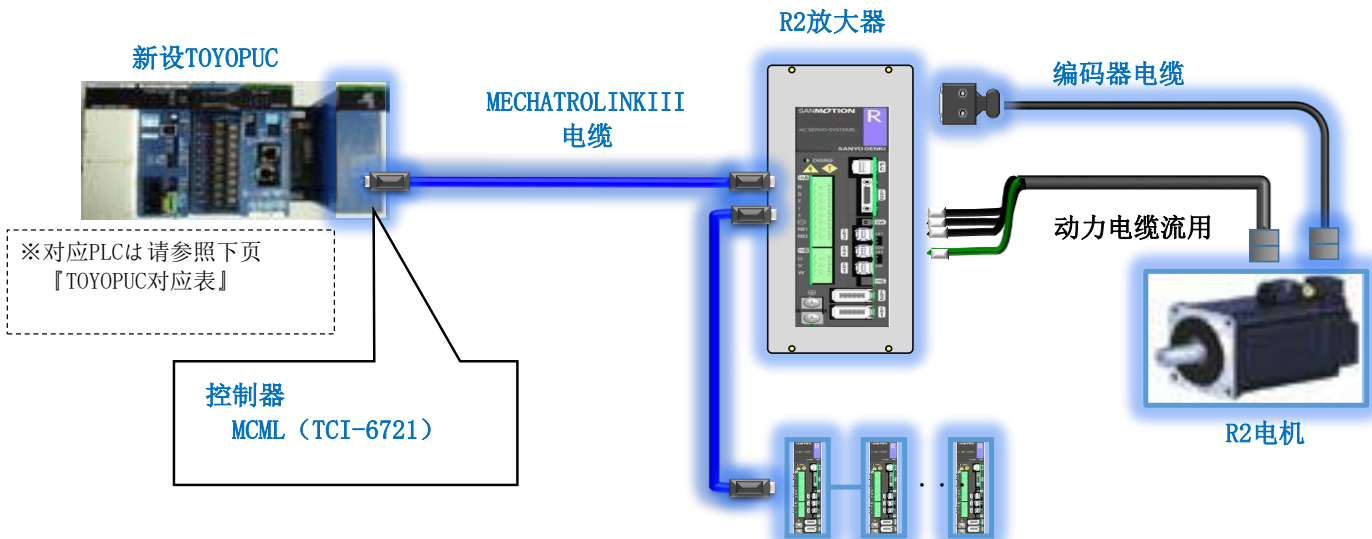
运动控制器 MC256, IV 替换要点

BEFORE



AFTER

R2电机



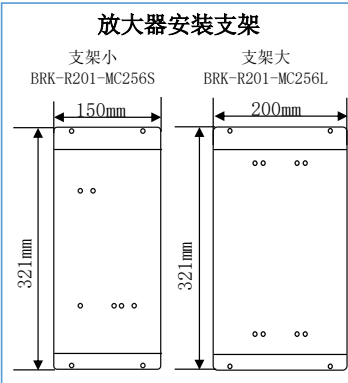
替换确认表

| BEFORE | AFTER | | |
|--------------|-----------------|----------------|--------|
| 电机 | 电机 | 对应放大器 | 放大器互换性 |
| MC256-M003** | R2AA06010F□RM□ | RS2A01A3MA5J00 | 支架小 |
| MC256-M007** | R2AA06020F□RM□ | RS2A03A3MA5J00 | |
| MC256-M014** | R2AAB8075F□RM□ | RS2A05A3MA5J00 | 支架小 |
| MC256-M020** | | | |
| MC256-M030** | | | |
| MC256-M035** | | | |
| MC256-M065** | R2AA13120L□R94M | RS2A10A3MA5J00 | 支架大 |
| MC256-M090** | R2AA13180H□R94M | | |
| MC256-M140** | R2AA18350L□R94M | RS2A10A3MA5J00 | 支架大 |
| MC256-M220** | | | |

电机型号末尾的*请确认下页『MC256电机式样』。

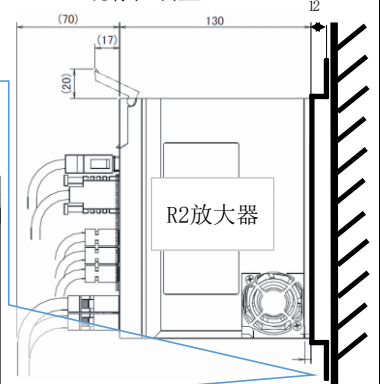
电机型号的□请确认下页『R2电机式样』。

※因使用更换前的放大器安装螺丝孔, 所以需要使用支架。



※放大器安装支架对应背面安装用。
前面安装时请另行协商。

既存控制盘



*有关最终设备的选择, 请参阅TOYOPUC-MCML使用说明书(T-768E, T-765E)和R2系列伺服系统(T-780E)。

*使用说明手册时, 请注册您的姓名, 公司名称和电子邮件地址。之后, 我们会将用于下载说明手册的密码发送到注册的电子邮件地址。

T-768E <https://toyoda.jtekt.co.jp/e/authdata.php?path=Mc/Torisetu/t-768e.pdf>

T-765E <https://toyoda.jtekt.co.jp/e/authdata.php?path=Mc/Torisetu/t-765e.pdf>

T-780E <https://toyoda.jtekt.co.jp/e/authdata.php?path=Mc/Torisetu/t-780e.pdf>

| TOYOPUC 对应表 | 推荐 : PC3JX、PC3JX-D、PC10G 可以使用 : PC3J、PC3JL、PC3JD、PC3JG(-P) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|--|----------------------------|------------------------------------|----------------------------|------------------------------------|----------------------------|------|--------------------|-----------|--|---------|------------|----------------|----------------|----------------------------|----------------------------|----------------------------|------------------------------------|----------------------------|------------------------------------|----------------------------|----------------|-----------|---------|---------------|---------------|----------------|----------------|--|----|----|----------------|----------------|------------|-------------------|------------|------------|-----------------|-----------------|------------|-----------------------|----------------|-------------------------|------------------|----------------|-----------------------|------------|---|-----------------|-------|-----------------------|------------|-----------------|-----------------|----------|-----------------------|-------------------|----------|--------|-------------------------|-----------------------|---------------|--|--|--|--|--|------|------------|-------------|-------------|--|--|--|--|--|--|------------|-------------|-------------|--|--|--|--|--|--|------------|-------------|-------------|--|--|--|--|--|--|------------|-------------|------------|--|--|--|--|--|--|------------|-------------|------------|--|--|--|--|--|
| 替换表 电机 | <table border="1"> <thead> <tr> <th rowspan="2"></th> <th colspan="2">电机型号</th> <th rowspan="2">互换性</th> <th rowspan="2">参考</th> </tr> <tr> <th>XX / XC</th> <th>BX / BC</th> </tr> </thead> <tbody> <tr> <td>MC256-M003</td> <td>R2AA06010FXRMW</td> <td>R2AA06010FCRMW</td> <td>×</td> <td>安装上无互换性、请检讨连轴器及其安装方法。</td> </tr> <tr> <td>MC256-M007</td> <td>R2AA06020FXRMW</td> <td>R2AA06020FCRMW</td> <td>×</td> <td>安装上无互换性、请检讨连轴器及其安装方法。</td> </tr> <tr> <td>MC256-M014</td> <td></td> <td></td> <td>○</td> <td></td> </tr> <tr> <td>MC256-M020</td> <td>R2AAB8075FXRMW</td> <td>R2AAB8075FCRMW</td> <td>○</td> <td></td> </tr> <tr> <td>MC256-M030</td> <td></td> <td></td> <td>○</td> <td></td> </tr> <tr> <td>MC256-M035</td> <td>R2AA13120LXR94M</td> <td>R2AA13120LCR94M</td> <td>×</td> <td>安装上无互换性、请检讨连轴器及其安装方法。</td> </tr> <tr> <td>MC256-M065</td> <td></td> <td></td> <td>×</td> <td>安装上无互换性、请检讨连轴器及其安装方法。</td> </tr> <tr> <td>MC256-M090</td> <td>R2AA13180HXR94M</td> <td>R2AA13180HCR94M</td> <td>×</td> <td>安装上无互换性、请检讨连轴器及其安装方法。</td> </tr> <tr> <td>MC256-M140</td> <td>R2AA18350LXR94M</td> <td>R2AA18350LCR94M</td> <td>×</td> <td>安装上无互换性、请检讨连轴器及其安装方法。</td> </tr> <tr> <td>MC256-M220</td> <td></td> <td></td> <td>×</td> <td>安装上无互换性、请检讨连轴器及其安装方法。</td> </tr> </tbody> </table> | | | | | | 电机型号 | | 互换性 | 参考 | XX / XC | BX / BC | MC256-M003 | R2AA06010FXRMW | R2AA06010FCRMW | × | 安装上无互换性、请检讨连轴器及其安装方法。 | MC256-M007 | R2AA06020FXRMW | R2AA06020FCRMW | × | 安装上无互换性、请检讨连轴器及其安装方法。 | MC256-M014 | | | ○ | | MC256-M020 | R2AAB8075FXRMW | R2AAB8075FCRMW | ○ | | MC256-M030 | | | ○ | | MC256-M035 | R2AA13120LXR94M | R2AA13120LCR94M | × | 安装上无互换性、请检讨连轴器及其安装方法。 | MC256-M065 | | | × | 安装上无互换性、请检讨连轴器及其安装方法。 | MC256-M090 | R2AA13180HXR94M | R2AA13180HCR94M | × | 安装上无互换性、请检讨连轴器及其安装方法。 | MC256-M140 | R2AA18350LXR94M | R2AA18350LCR94M | × | 安装上无互换性、请检讨连轴器及其安装方法。 | MC256-M220 | | | × | 安装上无互换性、请检讨连轴器及其安装方法。 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 电机型号 | | 互换性 | 参考 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | XX / XC | BX / BC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MC256-M003 | R2AA06010FXRMW | R2AA06010FCRMW | × | 安装上无互换性、请检讨连轴器及其安装方法。 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MC256-M007 | R2AA06020FXRMW | R2AA06020FCRMW | × | 安装上无互换性、请检讨连轴器及其安装方法。 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MC256-M014 | | | ○ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MC256-M020 | R2AAB8075FXRMW | R2AAB8075FCRMW | ○ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MC256-M030 | | | ○ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MC256-M035 | R2AA13120LXR94M | R2AA13120LCR94M | × | 安装上无互换性、请检讨连轴器及其安装方法。 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MC256-M065 | | | × | 安装上无互换性、请检讨连轴器及其安装方法。 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MC256-M090 | R2AA13180HXR94M | R2AA13180HCR94M | × | 安装上无互换性、请检讨连轴器及其安装方法。 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MC256-M140 | R2AA18350LXR94M | R2AA18350LCR94M | × | 安装上无互换性、请检讨连轴器及其安装方法。 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MC256-M220 | | | × | 安装上无互换性、请检讨连轴器及其安装方法。 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 替换表 放大器 | <table border="1"> <thead> <tr> <th rowspan="2">选择电机</th> <th rowspan="2">对应放大器</th> <th colspan="3">尺寸</th> <th rowspan="2">放大器安装互换</th> </tr> <tr> <th>W</th> <th>H</th> <th>D</th> </tr> </thead> <tbody> <tr> <td>R2AA06010□RM□</td> <td>RS2A01A3MA5J00</td> <td>40</td> <td>160</td> <td>130</td> <td>△ *1</td> </tr> <tr> <td>R2AA06020□RM□</td> <td>RS2A03A3MA5J00</td> <td>50</td> <td>160</td> <td>130</td> <td></td> </tr> <tr> <td>R2AAB8075□RM□</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>R2AA13120□R94M</td> <td>RS2A05A3MA5J00</td> <td>85</td> <td>160</td> <td>130</td> <td>△ *1</td> </tr> <tr> <td>R2AA13180□R94M</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>R2AA18350□R94M</td> <td>RS2A10A3MA5J00</td> <td>100</td> <td>235</td> <td>220</td> <td>△ *1</td> </tr> </tbody> </table> <p>电机型号的□请确认下页「R2电机式样」。</p> | | | | | 选择电机 | 对应放大器 | 尺寸 | | | 放大器安装互换 | W | H | D | R2AA06010□RM□ | RS2A01A3MA5J00 | 40 | 160 | 130 | △ *1 | R2AA06020□RM□ | RS2A03A3MA5J00 | 50 | 160 | 130 | | R2AAB8075□RM□ | | | | | | R2AA13120□R94M | RS2A05A3MA5J00 | 85 | 160 | 130 | △ *1 | R2AA13180□R94M | | | | | | R2AA18350□R94M | RS2A10A3MA5J00 | 100 | 235 | 220 | △ *1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 选择电机 | 对应放大器 | 尺寸 | | | 放大器安装互换 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | W | H | D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R2AA06010□RM□ | RS2A01A3MA5J00 | 40 | 160 | 130 | △ *1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R2AA06020□RM□ | RS2A03A3MA5J00 | 50 | 160 | 130 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R2AAB8075□RM□ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R2AA13120□R94M | RS2A05A3MA5J00 | 85 | 160 | 130 | △ *1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R2AA13180□R94M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R2AA18350□R94M | RS2A10A3MA5J00 | 100 | 235 | 220 | △ *1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 程序 参数的 流用性 | <table border="1"> <thead> <tr> <th>TOYOPUC</th> <th>程序(回路)</th> <th>要变更</th> </tr> </thead> <tbody> <tr> <td></td> <td>参数</td> <td>要变更</td> </tr> <tr> <th>MCML</th> <th>设定数据</th> <th>要变更</th> </tr> <tr> <td></td> <td>参数</td> <td>要变更</td> </tr> </tbody> </table> | | | | | TOYOPUC | 程序(回路) | 要变更 | | 参数 | 要变更 | MCML | 设定数据 | 要变更 | | 参数 | 要变更 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOYOPUC | 程序(回路) | 要变更 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 参数 | 要变更 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MCML | 设定数据 | 要变更 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 参数 | 要变更 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 再生电阻的 流用性 | <p>·仅在内藏再生电阻时使用</p> <table border="1"> <thead> <tr> <th>MC256</th> <th colspan="2">R2放大器</th> <th>内藏再生电阻</th> <th rowspan="2">参考</th> </tr> <tr> <th>型号</th> <th>允许实际电量</th> <th>型号</th> <th>允许实际电量</th> </tr> </thead> <tbody> <tr> <td rowspan="3">MC256-003/090</td> <td rowspan="3">-</td> <td>RS2A01A3MA5J00</td> <td>5W</td> <td>○</td> </tr> <tr> <td>RS2A03A3MA5J00</td> <td>5W</td> <td>○</td> </tr> <tr> <td>RS2A05A3MA5J00</td> <td>20W</td> <td>○</td> </tr> <tr> <td>MC256-140/220</td> <td>50W</td> <td>RS2A10A3MA5J00</td> <td>90W</td> <td>○</td> </tr> </tbody> </table> <p>·外接再生电阻时使用 请参考R2系列伺服系统(T-780N)并选择。</p> <p>*如果再生执行功率超过500W, 请检查负载条件。</p> | | | | | MC256 | R2放大器 | | 内藏再生电阻 | 参考 | 型号 | 允许实际电量 | 型号 | 允许实际电量 | MC256-003/090 | - | RS2A01A3MA5J00 | 5W | ○ | RS2A03A3MA5J00 | 5W | ○ | RS2A05A3MA5J00 | 20W | ○ | MC256-140/220 | 50W | RS2A10A3MA5J00 | 90W | ○ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MC256 | R2放大器 | | 内藏再生电阻 | 参考 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| MC256-003/090 | - | RS2A01A3MA5J00 | 5W | ○ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | RS2A03A3MA5J00 | 5W | ○ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | RS2A05A3MA5J00 | 20W | ○ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MC256-140/220 | 50W | RS2A10A3MA5J00 | 90W | ○ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MC256 电机式样 | <p>X: 无刹车, B: 有刹车</p> <p>MC256-M□□□**</p> <p>ABS传感器导线端子 X: 无接头, B: 有接头</p> <p>最大连续扭矩 (kg·cm)</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R2 电机式样 | <table border="1"> <thead> <tr> <th>R2系列</th> <th>AA</th> <th>06</th> <th>020</th> <th>F</th> <th>C</th> <th>R</th> <th>00</th> <th>M</th> </tr> </thead> <tbody> <tr> <td>最高转速</td> <td>S...1,000min⁻¹</td> <td>B...2,000min⁻¹</td> <td>R...2,500min⁻¹</td> <td>L...3,000 / 4,000min⁻¹</td> <td>H...3,500min⁻¹</td> <td>D...4,500 / 5,000min⁻¹</td> <td>F...6,000min⁻¹</td> <td></td> </tr> <tr> <td>抱闸</td> <td>X...无刹车</td> <td>B...带刹车(90V)</td> <td>C...带刹车(24V)</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>可选规格标识</td> <td>M...CE标志+符合UL</td> <td>E...符合CE标志</td> <td>E8...符合CE标志(400W)</td> <td>无...无标准</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>JTEXT规范标识</td> <td>W...法兰尺寸86mm以下</td> <td>MV...法兰尺寸86mm以下(符合CE标准)</td> <td>94...法兰尺寸130mm以上</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>编码器类型</td> <td colspan="8">R...无电池绝对编码器(HA035)</td> </tr> <tr> <td>一轴内分辨率</td> <td colspan="2">131072(17bit)</td> <td colspan="6">65,536(16bit)</td> </tr> <tr> <td>额定输出</td> <td>010...150W</td> <td>100...1.0kW</td> <td>550...5.5kW</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>020...200W</td> <td>120...1.2kW</td> <td>700...7.0kW</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>040...400W</td> <td>180...1.8kW</td> <td>750...7.5kW</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>050...500W</td> <td>350...3.5kW</td> <td>11K...11kW</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>075...750W</td> <td>450...4.5kW</td> <td>15K...15kW</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> | | | | | R2系列 | AA | 06 | 020 | F | C | R | 00 | M | 最高转速 | S...1,000min ⁻¹ | B...2,000min ⁻¹ | R...2,500min ⁻¹ | L...3,000 / 4,000min ⁻¹ | H...3,500min ⁻¹ | D...4,500 / 5,000min ⁻¹ | F...6,000min ⁻¹ | | 抱闸 | X...无刹车 | B...带刹车(90V) | C...带刹车(24V) | | | | | | 可选规格标识 | M...CE标志+符合UL | E...符合CE标志 | E8...符合CE标志(400W) | 无...无标准 | | | | | JTEXT规范标识 | W...法兰尺寸86mm以下 | MV...法兰尺寸86mm以下(符合CE标准) | 94...法兰尺寸130mm以上 | | | | | | 编码器类型 | R...无电池绝对编码器(HA035) | | | | | | | | 一轴内分辨率 | 131072(17bit) | | 65,536(16bit) | | | | | | 额定输出 | 010...150W | 100...1.0kW | 550...5.5kW | | | | | | | 020...200W | 120...1.2kW | 700...7.0kW | | | | | | | 040...400W | 180...1.8kW | 750...7.5kW | | | | | | | 050...500W | 350...3.5kW | 11K...11kW | | | | | | | 075...750W | 450...4.5kW | 15K...15kW | | | | | |
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| 最高转速 | S...1,000min ⁻¹ | B...2,000min ⁻¹ | R...2,500min ⁻¹ | L...3,000 / 4,000min ⁻¹ | H...3,500min ⁻¹ | D...4,500 / 5,000min ⁻¹ | F...6,000min ⁻¹ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| JTEXT规范标识 | W...法兰尺寸86mm以下 | MV...法兰尺寸86mm以下(符合CE标准) | 94...法兰尺寸130mm以上 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 编码器类型 | R...无电池绝对编码器(HA035) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 一轴内分辨率 | 131072(17bit) | | 65,536(16bit) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 额定输出 | 010...150W | 100...1.0kW | 550...5.5kW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| MCML 周边工具 | <p>MCML、R2专用电缆</p> <table border="1"> <thead> <tr> <th>品名</th> <th>型号</th> <th>参考</th> </tr> </thead> <tbody> <tr> <td>MECHATROLINK-III电缆</td> <td>ML3-C****</td> <td>名非电机(株)制 参考: 型号和电缆的关系 <table border="1"> <thead> <tr> <th>型号</th> <th>长度</th> <th>型号</th> <th>长度</th> </tr> </thead> <tbody> <tr> <td>ML3-C0002</td> <td>0.2m</td> <td>ML3-C0030</td> <td>3.0m</td> </tr> <tr> <td>ML3-C0005</td> <td>0.5m</td> <td>ML3-C0050</td> <td>5.0m</td> </tr> <tr> <td>ML3-C0010</td> <td>1.0m</td> <td>ML3-C0100</td> <td>10.0m</td> </tr> </tbody> </table> </td> </tr> <tr> <td>编码器电缆</td> <td>R2-ENC-***M</td> <td>转换为R2式样电缆 参考: 型号与电缆的关系 <table border="1"> <thead> <tr> <th>型号</th> <th>长度</th> <th>型号</th> <th>长度</th> </tr> </thead> <tbody> <tr> <td>R2-ENC-05M</td> <td>5m</td> <td>R2-ENC-20M</td> <td>20m</td> </tr> <tr> <td>R2-ENC-10M</td> <td>10m</td> <td>R2-ENC-30M</td> <td>30m</td> </tr> <tr> <td>R2-ENC-15M</td> <td>15m</td> <td></td> <td></td> </tr> </tbody> </table> </td> </tr> <tr> <td>输入输出电缆</td> <td>R2-IO-***M</td> <td>CN2连接器: 4种信号EM, H, BR, STB 参考: 型号与电缆长度的关系 <table border="1"> <thead> <tr> <th>型号</th> <th>长度</th> </tr> </thead> <tbody> <tr> <td>R2-IO-1M</td> <td>1m</td> </tr> <tr> <td>R2-IO-2M</td> <td>2m</td> </tr> <tr> <td>R2-IO-3M</td> <td>3m</td> </tr> </tbody> </table> </td> </tr> </tbody> </table> <p>PC周边工具</p> <table border="1"> <thead> <tr> <th>PCwin (V17.8R01~)</th> <th>TJA-2032</th> <th>PLC用软件</th> </tr> </thead> <tbody> <tr> <td>Motion Tool (V2.30R01~)</td> <td>TJA-6821</td> <td>运动控制器用软件</td> </tr> </tbody> </table> <p>※常规的Mwin5无法使用。 ※因为Motion Tool经由TOYOPUC连接, 所以需要与TOYOPUC的连接电缆。</p> | | | | | 品名 | 型号 | 参考 | MECHATROLINK-III电缆 | ML3-C**** | 名非电机(株)制 参考: 型号和电缆的关系 <table border="1"> <thead> <tr> <th>型号</th> <th>长度</th> <th>型号</th> <th>长度</th> </tr> </thead> <tbody> <tr> <td>ML3-C0002</td> <td>0.2m</td> <td>ML3-C0030</td> <td>3.0m</td> </tr> <tr> <td>ML3-C0005</td> <td>0.5m</td> <td>ML3-C0050</td> <td>5.0m</td> </tr> <tr> <td>ML3-C0010</td> <td>1.0m</td> <td>ML3-C0100</td> <td>10.0m</td> </tr> </tbody> </table> | 型号 | 长度 | 型号 | 长度 | ML3-C0002 | 0.2m | ML3-C0030 | 3.0m | ML3-C0005 | 0.5m | ML3-C0050 | 5.0m | ML3-C0010 | 1.0m | ML3-C0100 | 10.0m | 编码器电缆 | R2-ENC-***M | 转换为R2式样电缆 参考: 型号与电缆的关系 <table border="1"> <thead> <tr> <th>型号</th> <th>长度</th> <th>型号</th> <th>长度</th> </tr> </thead> <tbody> <tr> <td>R2-ENC-05M</td> <td>5m</td> <td>R2-ENC-20M</td> <td>20m</td> </tr> <tr> <td>R2-ENC-10M</td> <td>10m</td> <td>R2-ENC-30M</td> <td>30m</td> </tr> <tr> <td>R2-ENC-15M</td> <td>15m</td> <td></td> <td></td> </tr> </tbody> </table> | 型号 | 长度 | 型号 | 长度 | R2-ENC-05M | 5m | R2-ENC-20M | 20m | R2-ENC-10M | 10m | R2-ENC-30M | 30m | R2-ENC-15M | 15m | | | 输入输出电缆 | R2-IO-***M | CN2连接器: 4种信号EM, H, BR, STB 参考: 型号与电缆长度的关系 <table border="1"> <thead> <tr> <th>型号</th> <th>长度</th> </tr> </thead> <tbody> <tr> <td>R2-IO-1M</td> <td>1m</td> </tr> <tr> <td>R2-IO-2M</td> <td>2m</td> </tr> <tr> <td>R2-IO-3M</td> <td>3m</td> </tr> </tbody> </table> | 型号 | 长度 | R2-IO-1M | 1m | R2-IO-2M | 2m | R2-IO-3M | 3m | PCwin (V17.8R01~) | TJA-2032 | PLC用软件 | Motion Tool (V2.30R01~) | TJA-6821 | 运动控制器用软件 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 型号 | 长度 | 型号 | 长度 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ML3-C0002 | 0.2m | ML3-C0030 | 3.0m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ML3-C0005 | 0.5m | ML3-C0050 | 5.0m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ML3-C0010 | 1.0m | ML3-C0100 | 10.0m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 编码器电缆 | R2-ENC-***M | 转换为R2式样电缆 参考: 型号与电缆的关系 <table border="1"> <thead> <tr> <th>型号</th> <th>长度</th> <th>型号</th> <th>长度</th> </tr> </thead> <tbody> <tr> <td>R2-ENC-05M</td> <td>5m</td> <td>R2-ENC-20M</td> <td>20m</td> </tr> <tr> <td>R2-ENC-10M</td> <td>10m</td> <td>R2-ENC-30M</td> <td>30m</td> </tr> <tr> <td>R2-ENC-15M</td> <td>15m</td> <td></td> <td></td> </tr> </tbody> </table> | 型号 | 长度 | 型号 | 长度 | R2-ENC-05M | 5m | R2-ENC-20M | 20m | R2-ENC-10M | 10m | R2-ENC-30M | 30m | R2-ENC-15M | 15m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 型号 | 长度 | 型号 | 长度 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R2-ENC-05M | 5m | R2-ENC-20M | 20m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R2-ENC-10M | 10m | R2-ENC-30M | 30m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R2-ENC-15M | 15m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 输入输出电缆 | R2-IO-***M | CN2连接器: 4种信号EM, H, BR, STB 参考: 型号与电缆长度的关系 <table border="1"> <thead> <tr> <th>型号</th> <th>长度</th> </tr> </thead> <tbody> <tr> <td>R2-IO-1M</td> <td>1m</td> </tr> <tr> <td>R2-IO-2M</td> <td>2m</td> </tr> <tr> <td>R2-IO-3M</td> <td>3m</td> </tr> </tbody> </table> | 型号 | 长度 | R2-IO-1M | 1m | R2-IO-2M | 2m | R2-IO-3M | 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 型号 | 长度 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R2-IO-1M | 1m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R2-IO-2M | 2m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R2-IO-3M | 3m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PCwin (V17.8R01~) | TJA-2032 | PLC用软件 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Motion Tool (V2.30R01~) | TJA-6821 | 运动控制器用软件 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

*有关最终设备的选择, 请参阅TOYOPUC-MCML使用说明书(T-768E, T-765E)和R2系列伺服系统(T-780E)。
 *使用说明手册时, 请注册您的姓名, 公司名称和电子邮件地址。之后, 我们会将用于下载说明手册的密码发送到注册的电子邮件地址。
 T-768E <https://tovoda.itect.co.jp/e/authdata.php?path=Mc/Torisetu/t-768e.pdf>
 T-765E <https://tovoda.itect.co.jp/e/authdata.php?path=Mc/Torisetu/t-765e.pdf>
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