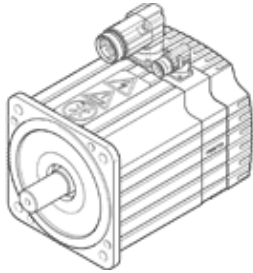


# 伺服馬達

## EMMS-AS-190-S-HS-ARB

料號: 1584914  
將停止供貨的產品  
不具齒輪單元。

FESTO



### 技術參數

| 特性   | 值  |
|--|--|
| 環境溫度   | -10 ... 40 °C  |
| 儲藏溫度   | -20 ... 60 °C  |
| 相對空氣濕度                                       | 0 - 90 %   |
| 符合標準   | IEC 60034  |
| 絕緣保護等級                                       | F  |
| 根據EN60034-1的速率等級                             | S1   |
| 溫度監控   | PTC 電阻   |
| 防護等級   | IP54   |
| 電接頭系統  | 插頭   |
| 材料備註   | 符合 RoHS  |
| 耐腐蝕等級 CRC                                    | 2 - Moderate corrosion stress  |
| PWIS conformity                              | VDMA24364-B2-L   |
| 授權   | RCM Mark<br>c UL us - Recognized (OL)  |
| CE 符號 (參見符合的標準)                              | 根據 EU-EMV 指導原則<br>根據 EU 低電壓設備指導原則<br>in accordance with EU RoHS directive                            |
| UKCA marking (see declaration of conformity) | To UK instructions for electrical equipment<br>To UK instructions for EMC<br>To UK RoHS instructions |
| 額定工作電壓 DC                                    | 565 V  |
| 額定電壓 DC                                      | 565 V  |
| Type of winding switch                       | Star inside  |
| Number of pole pairs                         | 6  |
| 靜止扭矩   | 26.2 Nm  |
| 額定扭矩   | 17.47 Nm   |
| 峰值 (最大) 扭矩                                   | 80 Nm  |
| 額定擺動速度                                       | 3,000 1/min  |
| 最高速度   | 5,300 1/min  |
| 額定馬達功率                                       | 5,490 W  |
| 額定馬達電流                                       | 14.43 A  |
| 峰值 (最大) 電流                                   | 77.2 A   |
| 馬達恆定   | 1.211 Nm/A   |
| Voltage constant, phase-to-phase             | 75.4 mVmin   |
| Phase-phase winding resistance               | 0.283 Ohm  |
| Phase-phase winding inductance               | 3.07 mH  |
| 斷電時轉動慣量總和                                    | 55.7 kgcm <sup>2</sup>   |
| 產品重量   | 22,200 g   |
| 容許的軸向驅動軸負載                                   | 250 N  |
| 容許的徑向軸負載                                     | 940 N  |
| 轉子位置感測器                                      | 溶劑   |
| Rotary position encoder interface            | SIN/COS analogue signal  |
| Rotary position encoder measuring principle  | 電感式  |
| 剎車保持扭矩                                       | 30 Nm  |

| 特性                              | 值   |
|---------------------------------|---|
| 制動裝置的DC工作電壓                     | 24 V  |
| 制動裝置的電力消耗                       | 17 W  |
| 刹車的质量慣性力矩                       | 3.6 kgcm <sup>2</sup>   |
| Switching cycles, holding brake | 5 million idle actuations (without work of friction!)           |
| MTTF, subcomponent              | 114 years, rotary position encoder<br>4469 years, holding brake |
| MTTFd, subcomponent             | 228 years, rotary position encoder                              |
| Energy efficiency               | ENEFF (CN) / Class 2  |