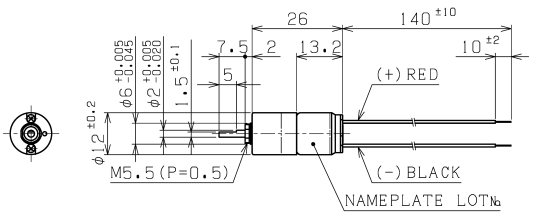
# φ12ギヤードモータ Gear Motor

コアレスモータ Coreless Motor SCR12-13××
page33

スパーギヤヘッド Spur Gearhead RA-12RB
page58




※THE CABLE LOCATION IS FOR REFERENCE ONLY.

Unit：mm

## SCR12BG-1302-1.2 DC1.2V 起動電流 Starting current 276mA

| 減速比 Reduction Ratio (1/i) | 無負荷回転数 No-Load Speed min⁻¹ | 定格回転数 Rated Speed min⁻¹ | 定格トルク Rated Torque mNm | 定格トルク Rated Torque kg·cm | 定格トルク Rated Torque oz·in | 起動トルク Starting Torque mNm | 長さ(L) Length mm | 回転方向 Direction of rotation |
|---|---|---|---|---|---|---|---|---|
| 7 | 1440 | 1210 | 0.290 | 0.003 | 0.042 | (1.82) | 26.0 | CW |
| 15 | 694 | 594 | 0.490 | 0.005 | 0.069 | (3.40) | 26.0 | CCW |
| 31 | 347 | 292 | 0.980 | 0.010 | 0.139 | (6.18) | 26.0 | CW |
| 52 | 207 | 177 | 1.47 | 0.015 | 0.208 | (10.1) | 26.0 | CW |
| 71 | 150 | 129 | 1.96 | 0.020 | 0.278 | (14.0) | 26.0 | CW |
| 100 | 108 | 92.8 | 2.45 | 0.025 | 0.347 | (17.4) | 26.0 | CCW |
| 143 | 75.0 | 63.4 | 3.92 | 0.04 | 0.556 | (25.3) | 26.0 | CCW |
| 208 | 51.7 | 43.5 | 5.88 | 0.06 | 0.834 | (37.1) | 26.0 | CCW |

## SCR12BG-1305-1.5 DC1.5V 起動電流 Starting current 274mA

| 減速比 Reduction Ratio (1/i) | 無負荷回転数 No-Load Speed min⁻¹ | 定格回転数 Rated Speed min⁻¹ | 定格トルク Rated Torque mNm | 定格トルク Rated Torque kg·cm | 定格トルク Rated Torque oz·in | 起動トルク Starting Torque mNm | 長さ(L) Length mm | 回転方向 Direction of rotation |
|---|---|---|---|---|---|---|---|---|
| 7 | 1020 | 932 | 0.290 | 0.003 | 0.042 | (3.36) | 26.0 | CW |
| 15 | 492 | 453 | 0.490 | 0.005 | 0.069 | (6.18) | 26.0 | CCW |
| 31 | 246 | 225 | 0.980 | 0.010 | 0.139 | (11.5) | 26.0 | CW |
| 52 | 147 | 135 | 1.47 | 0.015 | 0.208 | (18.0) | 26.0 | CW |
| 71 | 106 | 98.3 | 1.96 | 0.020 | 0.278 | (27.0) | 26.0 | CW |
| 100 | 76.4 | 70.6 | 2.45 | 0.025 | 0.347 | (32.3) | 26.0 | CCW |
| 143 | 53.2 | 48.7 | 3.92 | 0.04 | 0.556 | (46.3) | 26.0 | CCW |
| 208 | 36.7 | 33.5 | 5.88 | 0.06 | 0.834 | (67.4) | 26.0 | CCW |

## SCR12BG-1303-03 DC3V 起動電流 Starting current 113mA

| 減速比 Reduction Ratio (1/i) | 無負荷回転数 No-Load Speed min⁻¹ | 定格回転数 Rated Speed min⁻¹ | 定格トルク Rated Torque mNm | 定格トルク Rated Torque kg·cm | 定格トルク Rated Torque oz·in | 起動トルク Starting Torque mNm | 長さ(L) Length mm | 回転方向 Direction of rotation |
|---|---|---|---|---|---|---|---|---|
| 7 | 1100 | 963 | 0.290 | 0.003 | 0.042 | (2.33) | 26.0 | CW |
| 15 | 531 | 459 | 0.590 | 0.006 | 0.083 | (4.35) | 26.0 | CCW |
| 31 | 265 | 232 | 0.980 | 0.010 | 0.139 | (7.87) | 26.0 | CW |
| 52 | 158 | 135 | 1.96 | 0.020 | 0.278 | (13.5) | 26.0 | CW |
| 71 | 115 | 99.3 | 2.45 | 0.025 | 0.347 | (17.9) | 26.0 | CW |
| 100 | 82.4 | 69.9 | 3.43 | 0.035 | 0.486 | (22.6) | 26.0 | CCW |
| 143 | 57.4 | 48.7 | 4.90 | 0.05 | 0.695 | (32.3) | 26.0 | CCW |
| 208 | 39.6 | 33.8 | 6.86 | 0.07 | 0.972 | (46.8) | 26.0 | CCW |

## SCR12BG-1301-03 DC3V 起動電流 Starting current 315mA

| 減速比 Reduction Ratio (1/i) | 無負荷回転数 No-Load Speed min⁻¹ | 定格回転数 Rated Speed min⁻¹ | 定格トルク Rated Torque mNm | 定格トルク Rated Torque kg·cm | 定格トルク Rated Torque oz·in | 起動トルク Starting Torque mNm | 長さ(L) Length mm | 回転方向 Direction of rotation |
|---|---|---|---|---|---|---|---|---|
| 7 | 1780 | 1510 | 0.590 | 0.006 | 0.083 | (3.89) | 26.0 | CW |
| 15 | 855 | 742 | 0.980 | 0.010 | 0.139 | (7.42) | 26.0 | CCW |
| 31 | 427 | 365 | 1.96 | 0.020 | 0.278 | (13.5) | 26.0 | CW |
| 52 | 255 | 221 | 2.94 | 0.030 | 0.417 | (22.1) | 26.0 | CW |
| 71 | 185 | 158 | 4.41 | 0.045 | 0.625 | (30.2) | 26.0 | CW |
| 100 | 133 | 114 | 5.39 | 0.055 | 0.764 | (37.7) | 26.0 | CCW |
| 143 | 92.4 | 79.3 | 7.85 | 0.08 | 1.11 | (55.4) | 26.0 | CCW |
| 208 | 63.7 | 55.9 | 9.81 | 0.10 | 1.39 | (80.1) | 26.0 | CCW |

：標準品 Standard
：特注品 Custom-made

1. 上記データは参考値です。
2. 上記スペックは一例で、要望スペックにて承ります。

The above data is for reference only.
The above specifications are an example and your specifications are welcomed.