



DI-MA

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DAMJ 0 series

Linear Actuator screw pitch 10

Linear Actuator datas:

| | |
|---------------------|---|
| Gearbox Housing | : zamac die-casting |
| Gears | : helical teeth cutting gears or straight teeth sintered gears |
| Motor | : d.c. permanent magnet motor with carbon brushes |
| Standard screw | : AISI 430F TR7.9 x 10 |
| Working temperature | : -10°C ~ + 60°C |
| Options | : a) Hall sensor magnetic encoder – b) Thermal protector – c) bronze nut – d) different screw material. |

Linear Actuator performances:

| <u>Model</u> | Gear Ratio | Voltage | No Load Speed | No Load Current | Nominal Load | Nominal Current | Maximum Load | Stall Current |
|-----------------|------------|---------|---------------|-----------------|--------------|-----------------|--------------|---------------|
| | | Volt | mm/s | Amp | Kg. | Amp | Kg. | Amp |
| DAMJ 0 A | 1:12 | 12.0 | 33.0 | ≥0.08 | 1.00 | ≥0.40 | 2.50 | ≤ 0.65 |
| | | 24.0 | 60.0 | ≥0.15 | 2.00 | ≥0.70 | 4.00 | ≤ 1.40 |
| DAMJ 0 B | 1:27 | 12.0 | 15.5 | ≥0.08 | 2.00 | ≥0.40 | 5.00 | ≤ 0.65 |
| | | 24.0 | 30.0 | ≥0.15 | 3.50 | ≥0.70 | 8.00 | ≤ 1.40 |
| DAMJ 0 C | 1:48 | 12.0 | 9.0 | ≥0.08 | 4.50 | ≥0.40 | 10.00 | ≤ 0.65 |
| | | 24.0 | 17.0 | ≥0.15 | 8.00 | ≥0.70 | 18.00 | ≤ 1.40 |
| DAMJ 0 E | 1:60 | 12.0 | 7.2 | ≥0.08 | 6.00 | ≥0.40 | 12.50 | ≤ 0.65 |
| | | 24.0 | 13.5 | ≥0.15 | 9.50 | ≥0.70 | 21.00 | ≤ 1.40 |
| DAMJ 0 D | 1:108 | 12.0 | 4.2 | ≥0.08 | 8.00 | ≥0.40 | 20.00 | ≤ 0.65 |
| | | 24.0 | 7.5 | ≥0.15 | 12.00 | ≥0.70 | 35.00 | ≤ 1.40 |

⚙️ Possibility to customized the electric performances as per the customer request. ⚙️

**** FOR REFERENCE ONLY ****