



DI-MA

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DABX 0 series

Linear Actuator screw pitch 2

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 TR10.2 x 2 |
| 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 |
| DABX 425 A | 1:12 | 12.0 | 10.0 | ≥0.08 | 5.00 | ≥0.25 | 16.00 | ≤ 0.65 |
| | | 24.0 | 19.5 | ≥0.12 | 9.00 | ≥0.50 | 30.00 | ≤ 1.40 |
| DABX 425 B | 1:27 | 12.0 | 4.5 | ≥0.08 | 9.50 | ≥0.25 | 30.00 | ≤ 0.65 |
| | | 24.0 | 8.5 | ≥0.12 | 16.00 | ≥0.50 | 55.00 | ≤ 1.40 |
| DABX 425 C | 1:60 | 12.0 | 2.0 | ≥0.08 | 13.00 | ≥0.25 | 45.00 | ≤ 0.65 |
| | | 24.0 | 4.0 | ≥0.12 | 25.00 | ≥0.50 | 85.00 | ≤ 1.40 |

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

**** FOR REFERENCE ONLY ****

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