

Datasheet for Linear Stepper Motor - Actuator 43H4B-233-820

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|----------------------------|----------|-----------|
| Version | ST | - |
| Screw Diameter | 6,35 | mm |
| Step Angle | 1,8 | Deg. |
| Steps per Revolution | 200 | - |
| Screw lead | 0,000625 | inch/step |
| Screw lead | 0,0158 | mm/step |
| Screw lead | 3,160 | mm / Rot. |
| code | B | - |
| Linear Motor Force 1 | 260 | N |
| Linear Speed 1 (Low Speed) | 2 | mm/s |
| Linear Motor Force 2 | 280 | N |
| Linear Speed 2 | 11 | mm/s |
| Linear Motor Force 3 | 80 | N |
| Linear Speed 3 (Max speed) | 22 | mm/s |
| Recommend. Load Limit | 220 | N |
| Back Drive Force | 18 | N |

| | | |
|-----------------------|---------|-------------------|
| Wiring | Bipolar | |
| Winding Voltage | 2,33 | VDC |
| Current | 1500 | mA |
| Resistance/Phase | 1,56 | Ohm |
| Inductance/Phase | 1,9 | mH |
| Power Consumption | 7 | W |
| Inertia | 37 | g.cm ² |
| Temperature Rise | 75 | Celsia |
| Weight | 241 | g |
| Insulation Resistance | 20 | MOhm |

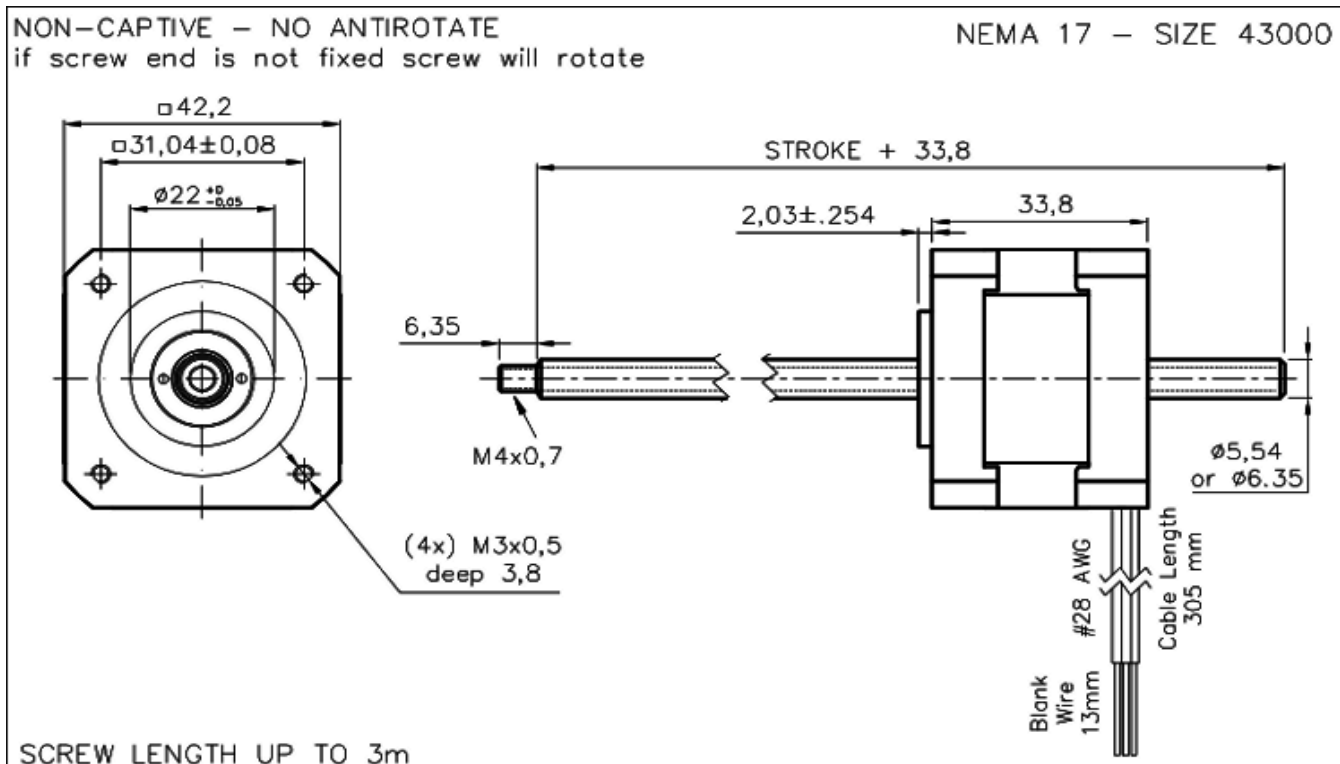
Max Linear Force Linear Stepper Motor can get is 260 N. Linear Motor give here very low Speed only :2mm/s.

Middle Range Force is 280N at Linear Speed 11mm/s.

Max Linear Speed this Lead Screw and Stepper Motor can give is 22mm/s with Force only 80N.

Stepper Driver should give current 1500mA. For High Speed Application would be best 8x Winding Voltage eg: 18,64VDC.

Linear Stepper Motor – Actuator – Dimensional Drawing



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Please find more Linear Stepper Motors Catalogs and Datasheets on web : [click here](#).

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