

Datasheet for Linear Stepper Motor - Actuator 43HR-B050-0600-C0127

Version	High Res	-
Screw Diameter	5,54	mm
Step Angle	0,9	Deg.
Steps per Revolution	400	-
Screw lead	0,00006	inch/step
Screw lead	0,0015	mm/step
Screw lead	0,600	mm / Rot.
code	U	-
code	U	-
Linear Motor Force 1	370	N
Linear Speed 1 (Low Speed)	0,06	mm/s
Linear Motor Force 2	220	N
Linear Speed 2	0,6	mm/s
Linear Motor Force 3	70	N
Linear Speed 3 (Max speed)	1,4	mm/s
Recommend. Load Limit	220	N
Back Drive Force	-	N

Wiring	Bipolar	
Winding Voltage	5	VDC
Current	700	mA
Resistance/Phase	7,2	Ohm
Inductance/Phase	8,7	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 370 N. Linear Motor give here very low Speed only :0,06mm/s.

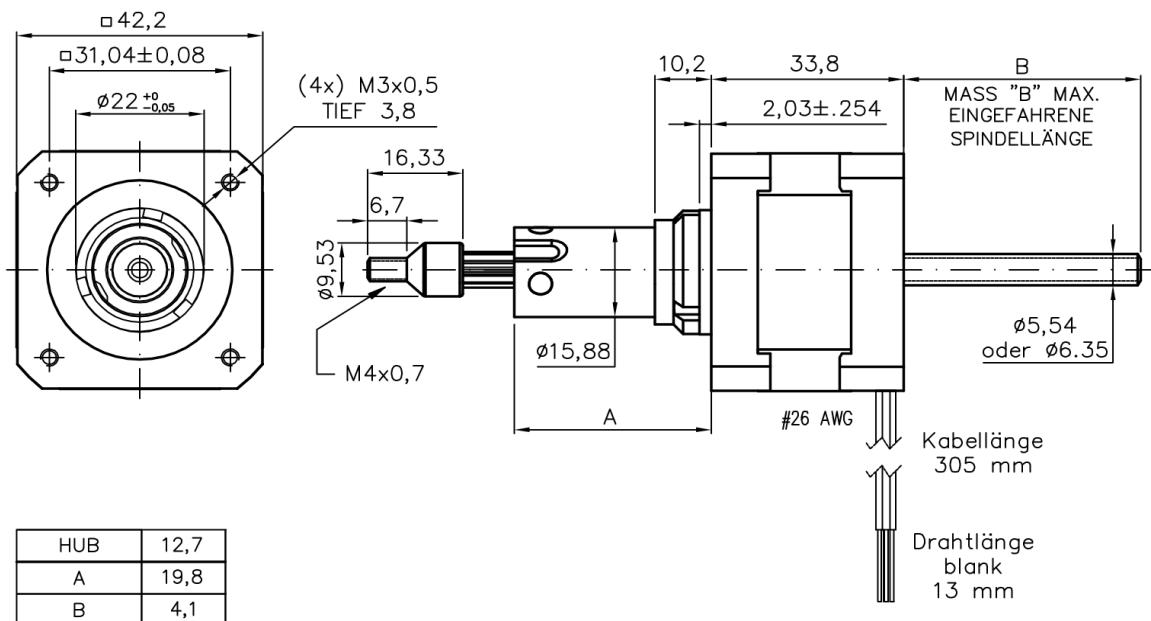
Middle Range Force is 220N at Linear Speed 0,6mm/s.

Max Linear Speed this combination of Lead Screw Lead and Stepper Motor can give is 1,4mm/s with Force only 70N.

Linear Stepper Motor – Actuator – Dimensional Drawing

CAPTIVE SHAFT / SPINDEL MIT VERDREHSICHERUNG

BAUREIHE 43000 NEMA 17



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