

## Motor Series **MTS4b**

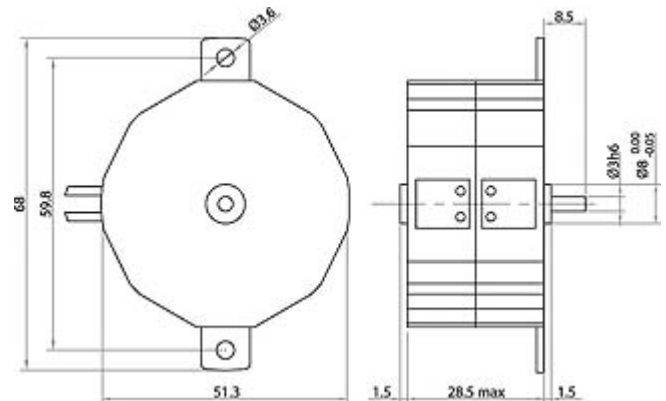
Stepper Motor 15°



### Technical Data

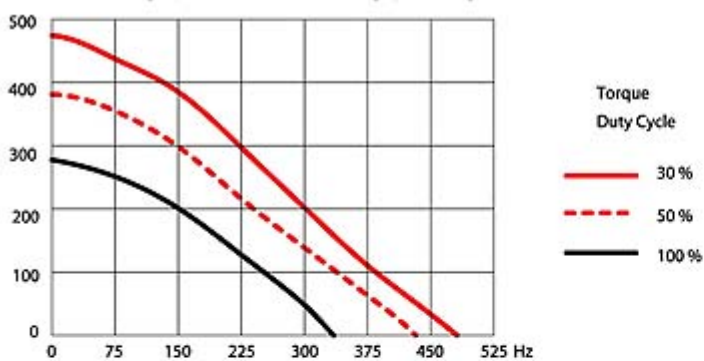
Steps/revolution				24
Winding type				bipolar
Rated Voltage	V	6	12	24
Resistance per winding	$\Omega$	9.5	61	251
Winding type				unipolar
Rated Voltage	V	6	12	24
Resistance per winding	$\Omega$	15	61	251
Winding temp.	$^{\circ}\text{C}$			105 max.
Holding torque	gm-cm	450(MTSB4b)	320(MTSU4b)	
Axial Force	gm			3
Lateral Force	gm			6
Rotor Inertia	g $\text{cm}^2$			13

### Drawing

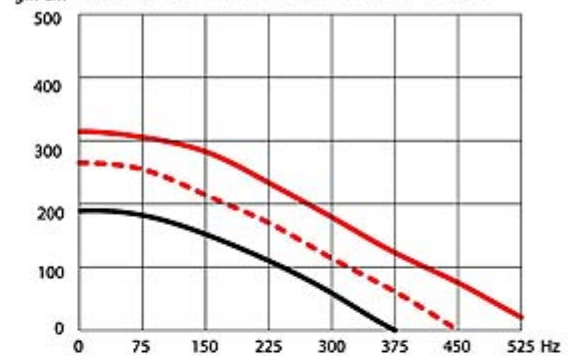


### Torque Graphs

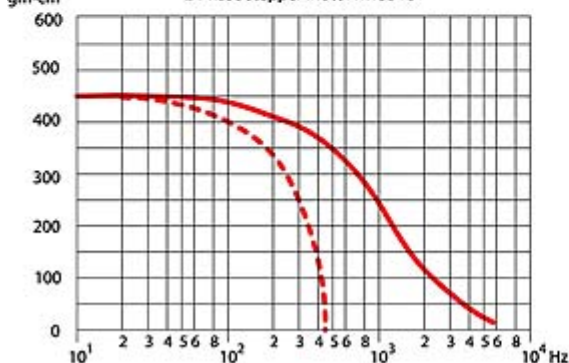
gm-cm Start range (pull-in) with constant voltage power stage



gm-cm Start range (pull-in) with constant voltage power stage

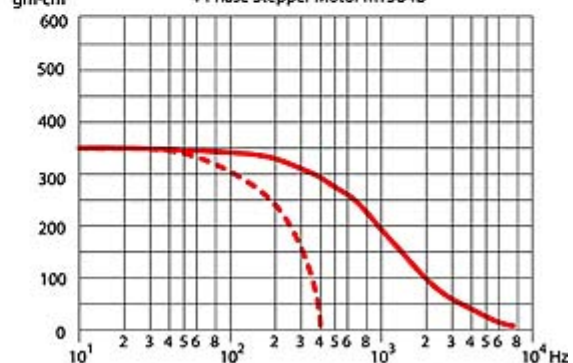


gm-cm 2-Phase stepper Motor MTSB4b



Slew range (pull-out) and start range (pull-in) with constant current power stage (chopper Drive)

gm-cm 4-Phase Stepper Motor MTSU4b



Slew range (pull-out) and start range (pull-in) with constant current power stage (chopper Drive)