



# Motor Series MTS5

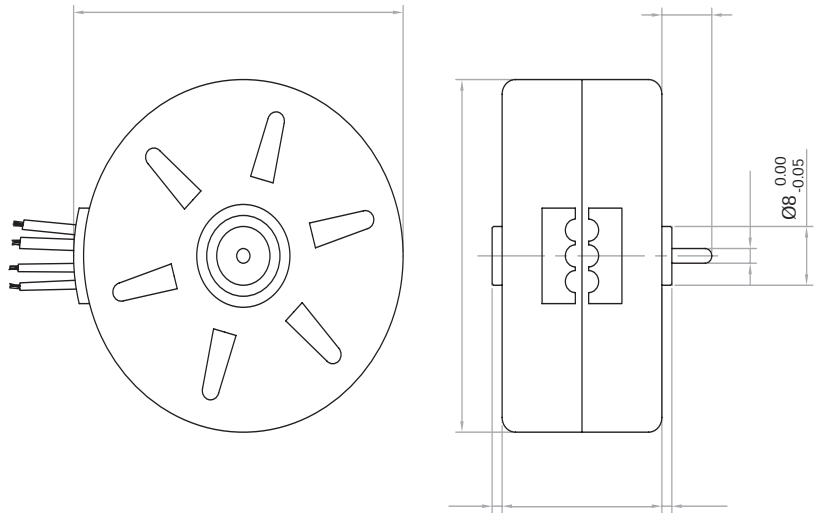


## Stepper Motor 15°

### Technical Data

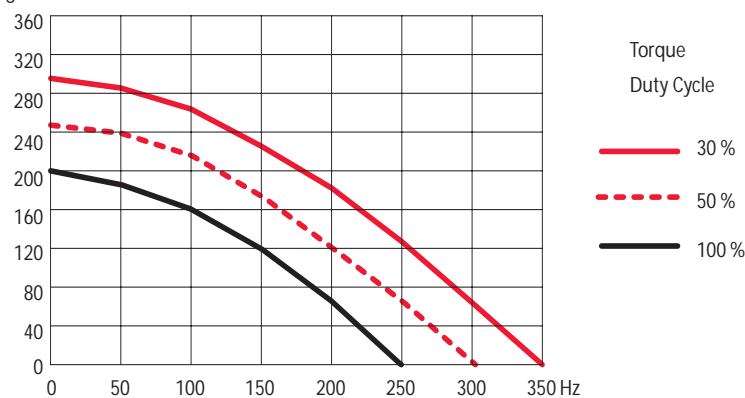
Steps per revolution		24		
Winding Type		bipolar		
Rated Voltage	V	6	12	24
Resistance per winding	$\Omega$	15	78	300
Winding Type		unipolar		
Rated Voltage	V	6	12	24
Resistance per winding	$\Omega$	20	78	300
Winding temperature	$^{\circ}\text{C}$	105 max.		
Holding torque	gm-cm	230 (MTSB-5)	200 (MTSU-5)	
Axial Force	gm	200		
Lateral Force	gm	400		
Rotor inertia	gmcm <sup>2</sup>	6		

### Drawing

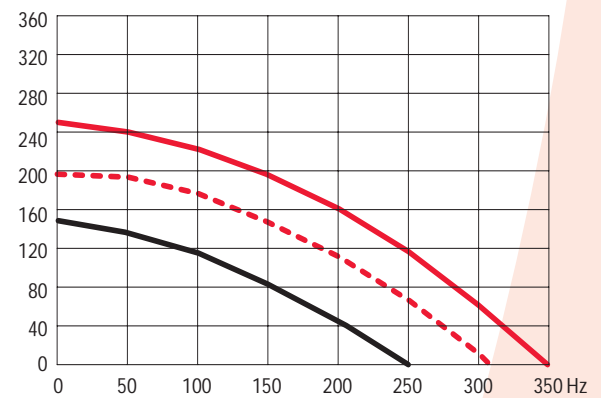


### Torque Graphs

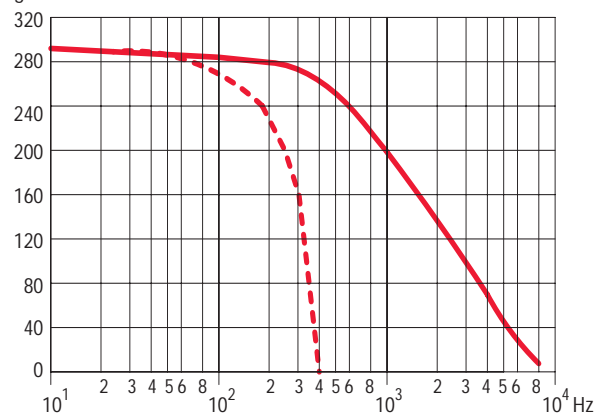
Start range (pull-in) with constant voltage power stage



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

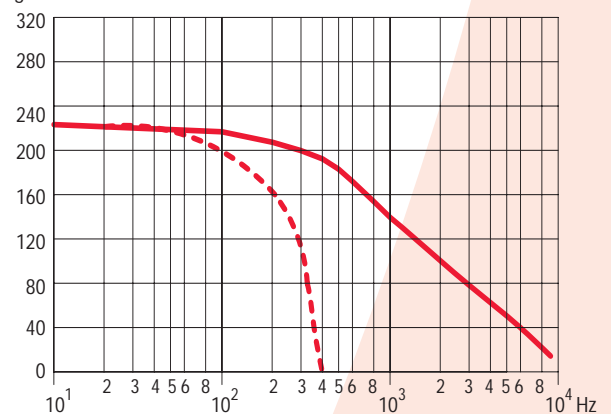


2-Phase stepper Motor MTSB5



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

4-Phase Stepper Motor MTSU5



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