

Motor Series **MTSD4b**



Stepper Motor 15°

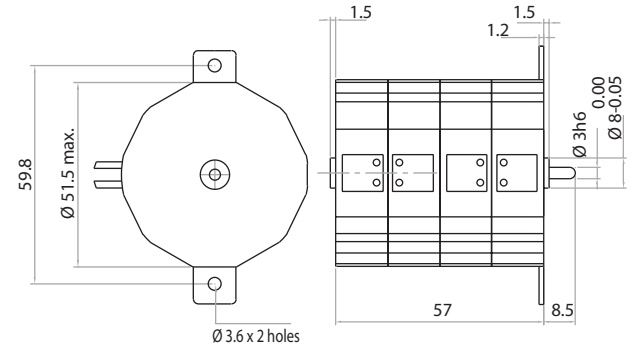
Standard Data

Motor type		Permanent Magnet (PM) stepper motor
Electrical Enclosure	IP	40
Connections		Flexible Leads 22 AWG, 200mm length; ends stripped
Life expectancy		3 years in continuous operation
Weight	g	400
Mounting		Any position by ears or screw clip

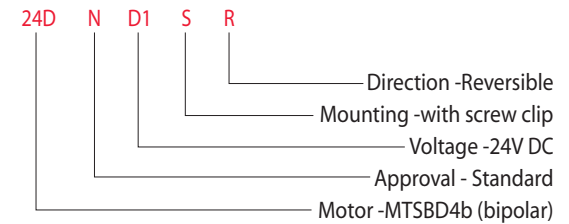
Technical Data

Steps per revolution				24
Degree/step				15
Winding Type				bipolar
Standard Voltage	V	6	12	24
Resistance per winding	Ω	5	26	122
Winding Type				unipolar
Standard Voltage	V	6	12	24
Resistance per winding	Ω	8	30	122
Winding temperature	$^{\circ}\text{C}$			105 max.
Holding torque	N-cm	8	(MTSDB4b)	6 (MTSDU4b)
Axial Force	N			3
Lateral Force	N			6
Rotor inertia	g-cm ²			26

Drawing

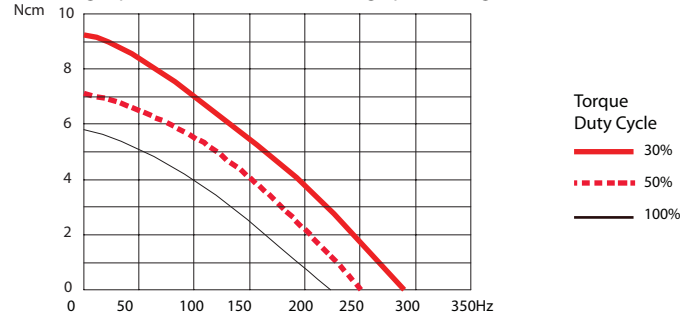


Ordering Data (eg.)

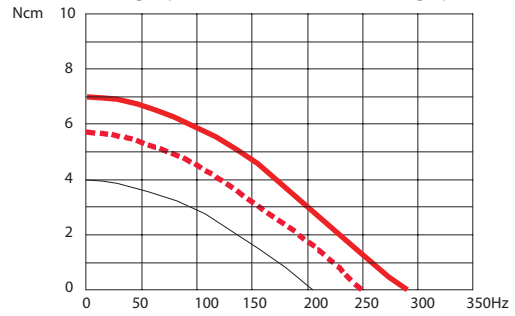


Torque Graphs

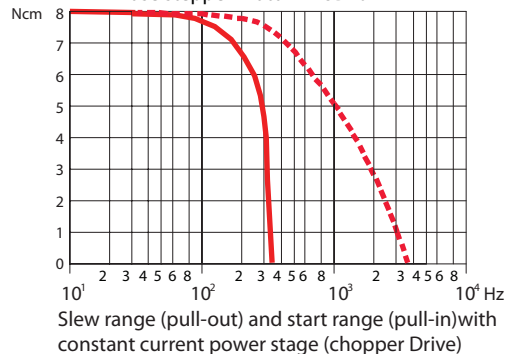
Start range (pull - in) with constant voltage power stage



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



2-Phase stepper Motor MTSB4b



4-Phase stepper Motor MTSDU4b

