

SV3450D

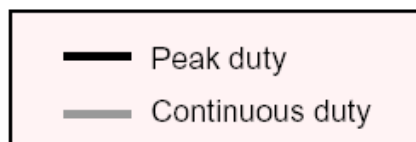
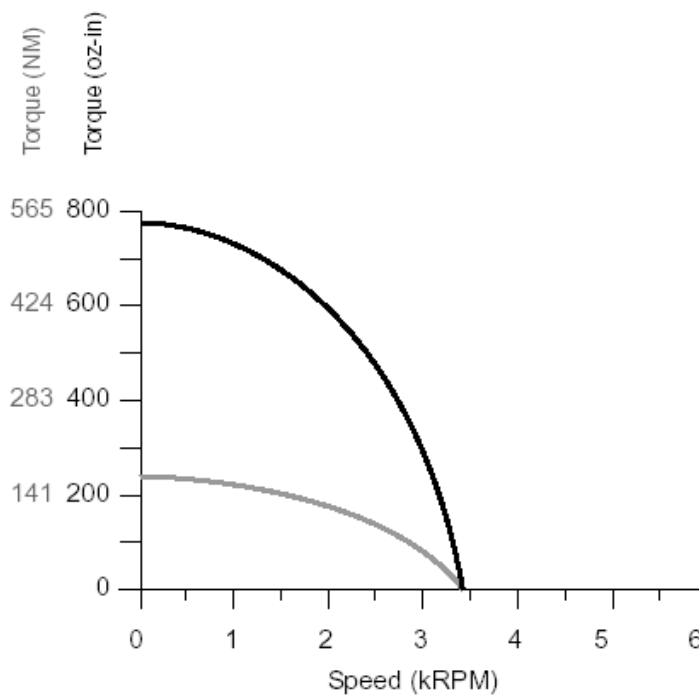
Servida Drive System Series SV3450D

Motor Data

Power	kW	0.27
Voltage	VDC	20 - 48
Peak Torque	Nm	5.30
Continuous Torque	Nm	1.77
Top Speed	RPM	3398
Voltage Constant	V/kRPM	13.70
Torque Constant	Nm/amp	0.13
Rotor Inertia	kg-m ²	2.1x10 ⁻⁴
Poles	.	4
Resistance	Ohm	0.6
Encoder Resolution	ppr	4000
Memory volatile	kRAM	32
Memory non volatile	kRAM	32
Servo Update	Hz	4069
PWM Frequency	kHz	33.3



Performance Curves



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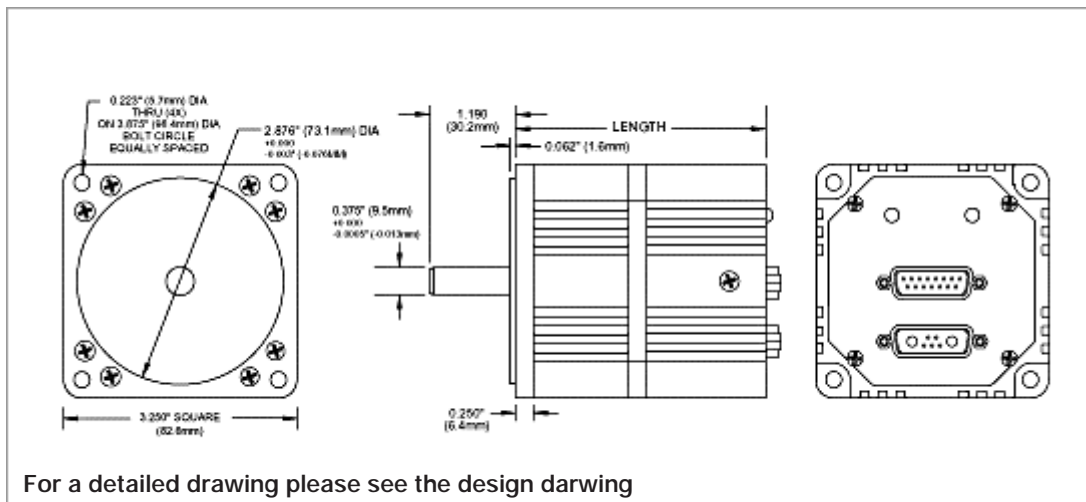
Interfaces

Communication - Standard			
Primary	Type	RS232; serial (ASCII)	
	Speed	kBaud	2.4 - 38.4
Secondary	Type	RS485; serial (ASCII)	
Optional			
Profibus		DeviceNet	

Input / Output			
Type	7 (5VDC TTL)		
Input	Digital	+5V TTL sink	
	Analog	sink, 10 Bit	
Output	Sourcing	mA	5
	Sinking	mA	10

Mechanical Data

Length	mm	155.0
Width	mm	82.6
Weight	kg	6.80
Radial Load	kg	3.18
Axial Load	kg	1.36
Operating Temperature	°C	0 - 70
Storage Temperature	°C	-20 - 85
Humidity	%	0 - 80



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