

SV1720D

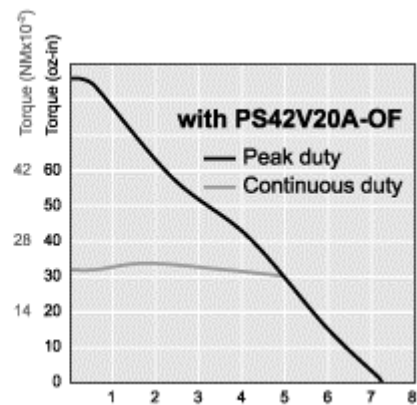
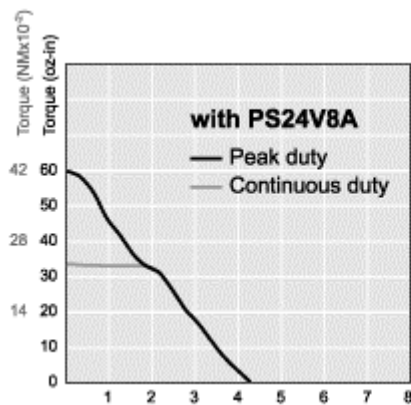
Servida Drive System Series SV1720

Motor Data

Power	kW	0.11
Voltage	VDC	20 - 48
Peak Torque	Nm	0.60
Continuous Torque	Nm	0.24
Top Speed	RPM	8700
Voltage Constant	V/kRPM	5.50
Torque Constant	Nm/amp	0.05
Rotor Inertia	kg-m ²	1.8x10 ⁻⁶
Poles	.	4
Resistance	Ohm	1.8
Encoder Resolution	ppr	2000
Memory volatile	kRAM	32
Memory non volatile	kRAM	32
Servo Update	Hz	4069
PWM Frequency	kHz	33.3



Performance Curves SV1720D



SV1720

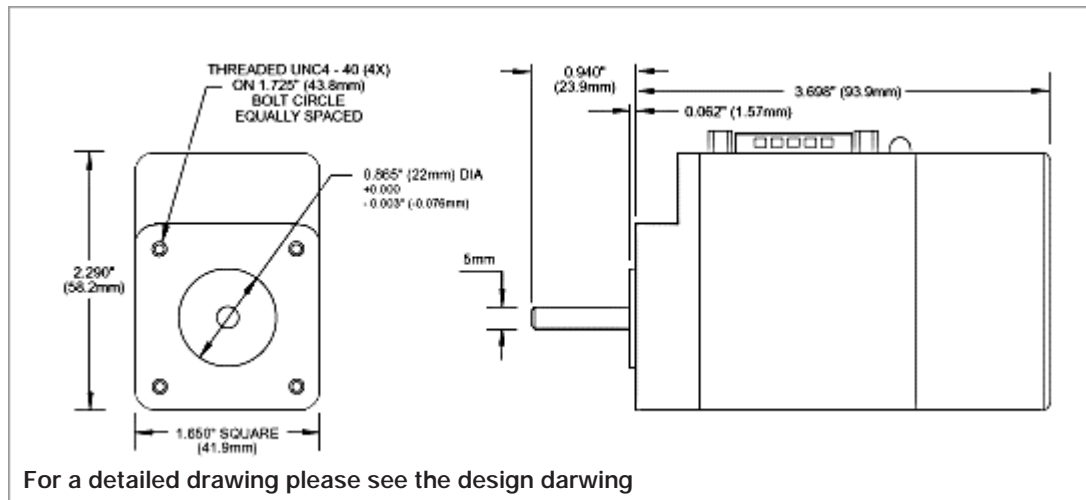
Interfaces

Communication - Standard			
Primary	Type	RS232; serial (ASCII)	
	Speed	kBaud	2.4 - 38.4
Secondary	Type	RS485; serial (ASCII)	
Optional			
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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	94.0
Width	mm	41.9
Weight	kg	0.55
Radial Load	kg	3.18
Axial Load	kg	1.36
Operating Temperature	°C	0 - 70
Storage Temperature	°C	-20 - 85
Humidity	%	0 - 80



Contact:

Peromatic GmbH

Gubelstrasse 28
CH-8050 Zürich

Fon +41-(0)43 300 60 60
Fax +41-(0)43 300 60 79

info@peromatic.ch
www.peromatic.ch

Peromatic GmbH

rue Confédération 29
CH-2300 La Chaux-de-Fonds

Fon +41-(0)32 927 37 20
Fax +41-(0)32 927 37 22