

Moog Components Group Motor Quote / Application Form			
<p><b>Please complete this form to tell us about your motor specifications. We'll contact you with information about the motor that matches your application.</b> There is a conversion chart included on this form for your convenience. Please provide the following information:</p>			
First Name		Last Name	
Function	<input type="checkbox"/> Procurement	<input type="checkbox"/> Engineering	<input type="checkbox"/> Other:
Company Name			
Street Address			
Address (cont.)			
City	State/Province	Zip/Postal Code	
Country	Work Phone	Fax	
E-mail			
<p><b>Please provide as much information as possible, enter NA for those questions that are not critical or important to you.</b> Do not be concerned if you do not have all of the specifications that are requested, we are happy to work with as much information as you can provide. However, the more complete your response, the more thorough our analysis.</p>			
Select which category best describes your application:			
<input type="checkbox"/> Actuators	<input type="checkbox"/> Food Processing	<input type="checkbox"/> Industrial Automation	<input type="checkbox"/> Machining Tools
<input type="checkbox"/> Material Handling	<input type="checkbox"/> Medical Equipment	<input type="checkbox"/> Military / Aerospace <input type="checkbox"/> DFARS Alt 1	<input type="checkbox"/> Packaging Equipment
<input type="checkbox"/> Printing	<input type="checkbox"/> Robotics	<input type="checkbox"/> Semiconductor Mfg.	<input type="checkbox"/> Textile Machinery
<input type="checkbox"/> Other			
<b>Technical Information</b> Please give us a description of your application:			
Type of motor:			
<input type="checkbox"/> Brushless DC	<input type="checkbox"/> Brush DC	<input type="checkbox"/> Stepper	<input type="checkbox"/> Torque Motor
<input type="checkbox"/> Other			
This application is:	<input type="checkbox"/> New	<input type="checkbox"/> Retrofit / Replacement	
Current Supplier		Part Number	
Moog Components Group can also provide you with an electronic driver to go with your brushless motor?			
Would you like more information on our electronic drivers?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Do you require:	<input type="checkbox"/> Brake	<input type="checkbox"/> Encoder	
If Yes, please specify:	Brake	<input type="checkbox"/> Fail Safe	<input type="checkbox"/> Dynamic Stopping
Static Holding Torque:		Voltage:	
<i>Continued on next page...</i>			

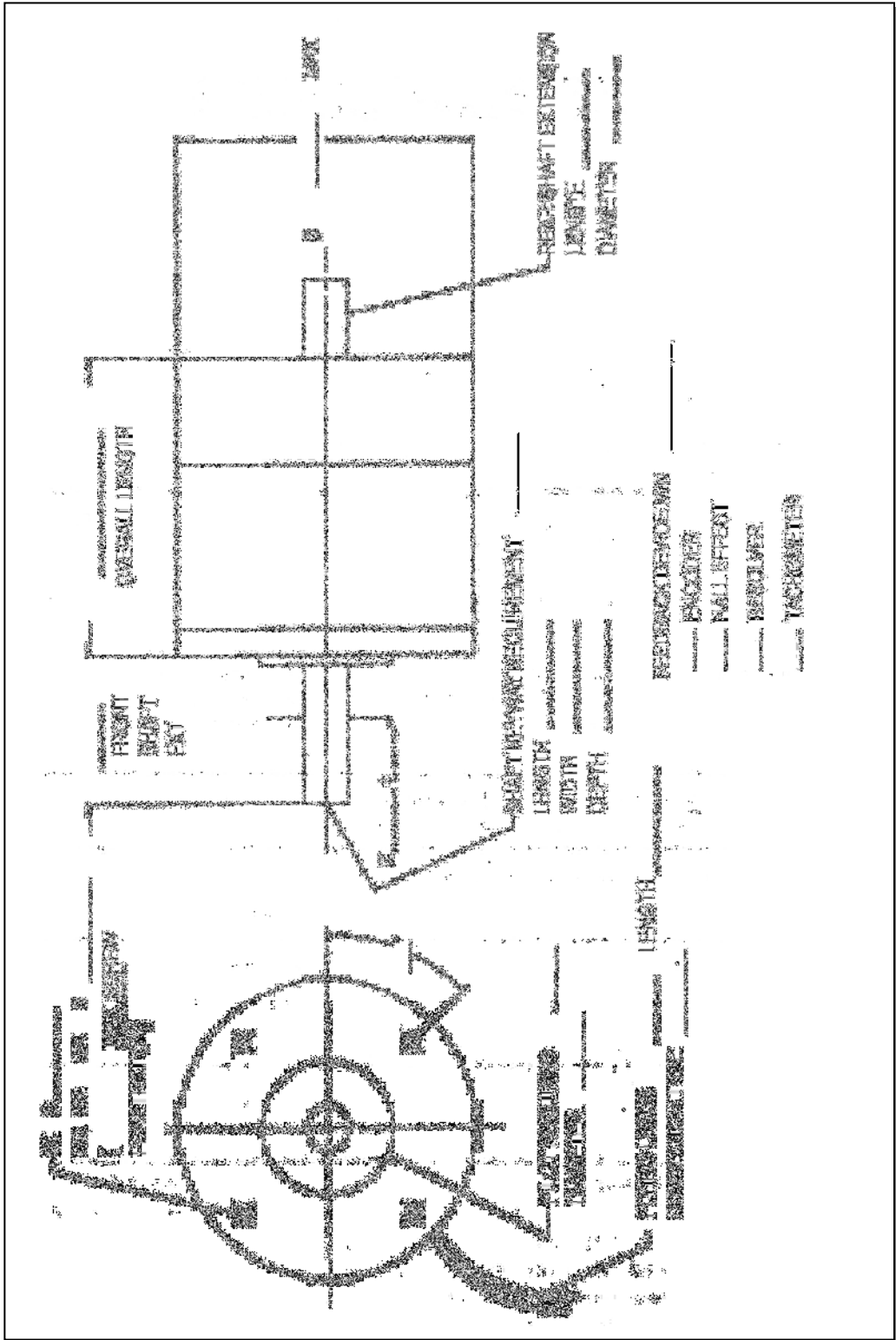
Encoder	<input type="checkbox"/> Single Ended	<input type="checkbox"/> Differential	Line Count	No. of Channels
Life & Usage	Estimated Annual Usage	Estimated Life of Program	Price Target	
Production Start Date	Delivery Time Frame			
Regulatory/Environmental Requirements:	<input type="checkbox"/> UL	<input type="checkbox"/> CE	<input type="checkbox"/> IP	
<b>RoHS Compliance?</b>	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Comments:	
<b>Environmental Operating Conditions</b>				
<input type="checkbox"/> Submersion in water	<input type="checkbox"/> Extreme Temperatures	<input type="checkbox"/> Excessive amounts of dust and / or dirt		
<input type="checkbox"/> Humidity	<input type="checkbox"/> Other			
Heat Removal:	<input type="checkbox"/> Application is in free air	<input type="checkbox"/> Heat Sink	<input type="checkbox"/> Fan Cooled	
Electromechanical Specifications:				
Max loaded speed (RPM)	Max continuous torque (oz-in)	Peak torque (oz-in)		
Duty Cycle*	Minutes on	Minutes off		
Operating temp range (°C)	Ambient temp in application (°C)			
Max terminal voltage (VDC)	Rated current (A)	Load inertia		
Radial Shaft Load	Axial Shaft Load			
If a new design is required, is funding available to cover non-recurring engineering and tooling costs?				
Non-recurring engineering costs	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Tooling costs	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>- Please return form via fax or email -</b>				



Conversion Chart		
From	To	Multiply By
<b>Length</b>		
inches	cm	2.540
feet	cm	30.48
cm	inches	.3948
cm	feet	$3.281 \times 10^{-2}$
<b>Mass</b>		
oz	g	28.35
lb	g	453.6
g	oz	$3.527 \times 10^{-2}$
lb	oz	16.0
g	lb	$2.205 \times 10^{-3}$
oz	lb	$6.250 \times 10^{-2}$
<b>Torque</b>		
oz-in	g-cm	72.01
lb-ft	g-cm	$1.383 \times 10^{-4}$
g-cm	oz-in	$1.389 \times 10^{-2}$
lb-ft	oz-in	192.0
g-cm	lb-ft	$7.233 \times 10^{-5}$
oz-in	lb-ft	$5.208 \times 10^{-3}$
<b>Rotation</b>		
rpm	degrees /sec	6.0
rad/sec	degrees/sec	57.30
degrees/sec	rpm	0.1667
rad/sec	rpm	9.549
degrees/sec	rad/sec	$1.745 \times 10^{-2}$
rpm	rad/sec	0.1047
<b>Moment of Inertia</b>		
oz-in <sup>2</sup>	g-cm <sup>2</sup>	182.9
lb-ft <sup>2</sup>	g-cm <sup>2</sup>	$4.214 \times 10^5$
g-cm <sup>2</sup>	oz-in <sup>2</sup>	$5.467 \times 10^{-3}$
lb-ft <sup>2</sup>	oz-in <sup>2</sup>	$2.304 \times 10^3$
g-cm <sup>2</sup>	lb-ft <sup>2</sup>	$2.373 \times 10^{-6}$
oz-in <sup>2</sup>	lb-ft <sup>2</sup>	$4.340 \times 10^{-4}$
oz-in-sec <sup>2</sup>	g-cm <sup>2</sup>	$7.062 \times 10^4$



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