

Moog Motor Quote / Application Form

Please complete this form to tell us about your motor specifications. We'll contact you with information about the motor that matches your application. There is a conversion chart included on this form for your convenience. Please provide the following information:

Name:

Function:

Procurement

Engineering

Other:

Company Name:

Street Address:

Street Address:

City:

State/Province:

Zip/Postal Code:

Country:

Work Phone:

Fax:

E-mail:

Please provide as much information as possible, enter NA for those questions that are not critical or important to you. 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.

Select which category best describes your application:

Actuators

Food Processing

Industrial Automation

Machining Tools

Material Handling

Medical Equipment

Military / Aerospace
 DFARS Alt 1

Packaging Equipment

Printing

Robotics

Semiconductor Mfg.

Textile Machinery

Other

Technical Information Please give us a description of your application:

Type of motor:

Brushless DC

Brush DC

Stepper

Torque Motor

Other

This application is:

New

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?

Yes

No

Do you require:

Brake

Encoder

If Yes, please specify:

Brake

Fail Safe

Dynamic Stopping

Static Holding Torque:

Voltage:

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	
RoHS Compliance?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Comments:	
Environmental Operating Conditions				
<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):	Desired Kt	Desired Rt		
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
Please return form via fax or email				Page 2 of 2

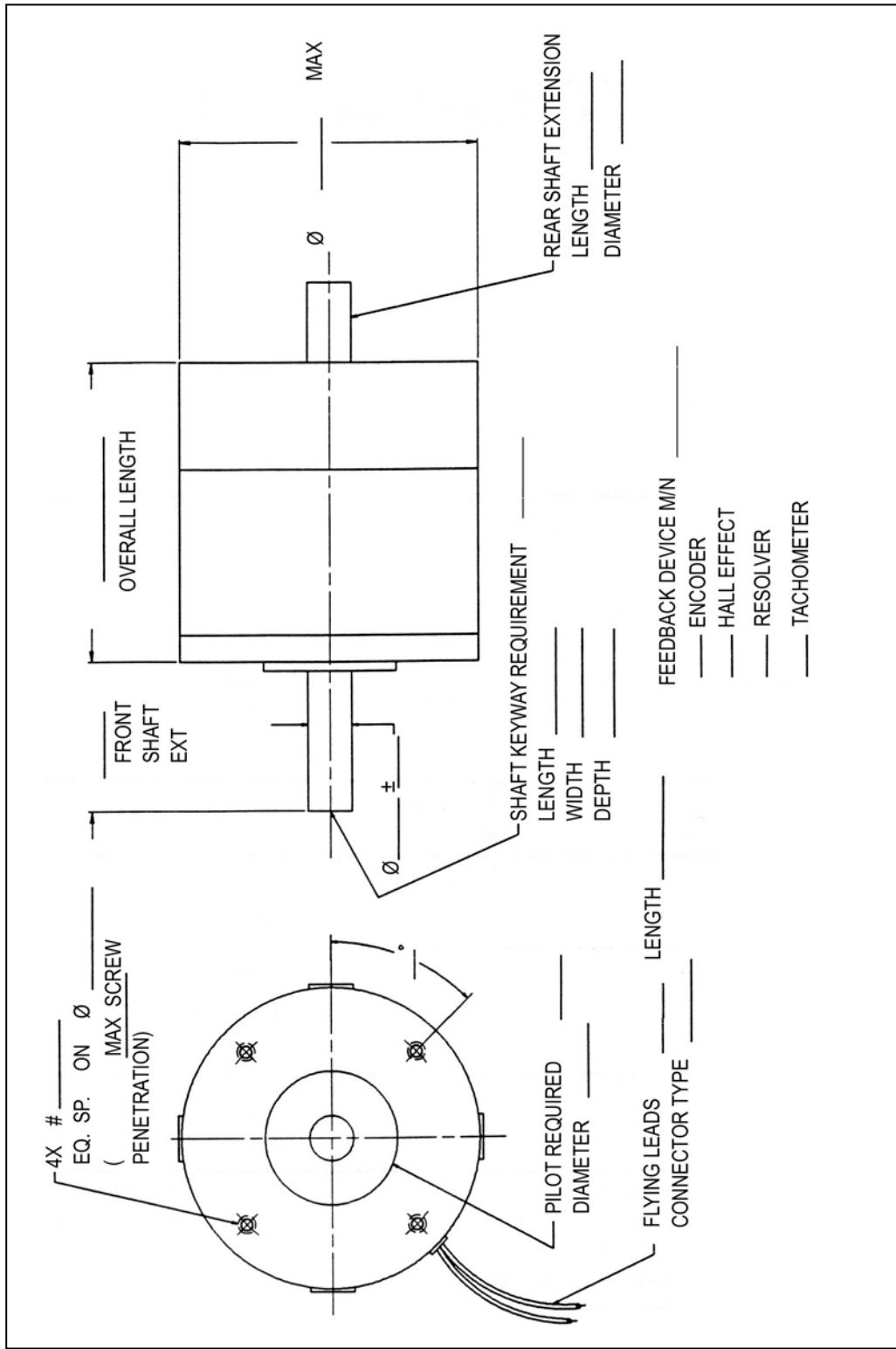
03-1-2018



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

MOOG

1995 NC Hwy 141 – Murphy, NC 28906 • Phone: 1-828-837-5115 • Fax: 828-837-0846
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