

# GLENTEK BRUSHLESS SERVO MOTORS GMBM130 SERIES

Revision: 3/26/2018



Glentek's GMBM130 series of high performance, permanent magnet Brushless servo motors utilize high-energy Neodymium-Iron- Boron (NdFeB) magnets, which provide more torque in a smaller package with higher dynamic performance than traditional ferrite magnet designs. In addition, GMBM130 series have been tooled for high volume production which makes them easy to use and extremely cost effective..

- Continuous Torque Range:  
26.2 Lb-in (3.0 Nm) to 103.8 Lb-in (11.7 Nm)
- Peak Torque Range:  
78.6 Lb-in (9.0 Nm) to 311.4 Lb-in (35.1 Nm)

## GMBM130 SERIES FEATURES

High-energy Neodymium-Iron-Boron (NdFeB) magnet design with low inertia rotors provides a high dynamic performance.
Special design provides ultra smooth operation (i.e. low cogging torque) at all speeds.
Worldwide standard mounting configurations are available.
Optional custom mounting configurations are available to meet virtually any requirement.
Encoder with commutation tracks, brushless resolvers or Hall sensors are standard feedback devices offered
Shaft Keyway.
Standard operating temperature is dependent on the feedback device installed. Motors with resolver feedback can be specially configured to operate down to -40°C.
Optional 24VDC holding brakes are available.
Constructed to withstand the toughest industrial environment with rugged, high performance bearings and TENV construction with IP65 sealing optional
CE marked.
RoHS Compliant

## GMBM130 SERIES ENVIRONMENTAL CONDITIONS

<b>Storage Temperature:</b>	-20°C to 70°C
<b>Operating Temperature:</b>	Standard: -20°C to 40°C, without derating, derate torque 10% per 10°C above 40°C Special: -40°C to 40°C, without derating, derate torque 10% per 10°C above 40°C
<b>Humidity:</b>	5% to 95% relative humidity, non-condensing
<b>Altitude:</b>	Up to 1000m without derating, derate torque 10% per 1000m above 1000m

## GMBM130 SERIES SELECTION TABLE

$K_T$  = Torque Constant •  $K_V$  = BEMF = Volts/1000 RPM •  $R_A$  = Phase to Phase Resistance •  $L_A$  = Inductance

Model Number	Rated Power	Speed, RPM		Cont. Stall Rating			Peak Stall Rating			$K_T$		$K_V$	$R_A$	$L_A$	Rotor Inertia	
	W	Max	Rated	Lb-in	Nm	Amps	Lb-in	Nm	Amps	Lb-in/A	Nm/A	V	$\Omega$	mH	Lb-in-s <sup>2</sup>	Kg-m <sup>2</sup>
<b>GMBM130900-35</b>	900	5000	3000	26.2	3.0	5.0	78.6	9.0	15.0	5.29	0.60	35.3	0.89	7.87	0.005894	0.000666
<b>GMBM130600-46</b>	600	3000	2000	26.1	3.0	4.0	78.3	9.0	12.0	6.57	0.74	45.6	1.55	12.98	0.005814	0.000657
<b>GMBM130450-46</b>	450	3000	1500	26.1	3.0	4.0	78.3	9.0	12.0	6.57	0.74	45.6	1.55	12.98	0.005894	0.000666
<b>GMBM130300-71</b>	300	2000	1000	26.5	3.0	2.5	79.5	9.0	7.5	10.56	1.19	71.0	3.44	30.53	0.005894	0.000666
<b>GMBM1301500-39</b>	1500	5000	3000	43.2	4.9	8.2	129.6	14.7	24.6	5.25	0.59	38.6	0.41	4.11	0.01062	0.001200
<b>GMBM1301100-53</b>	1100	3000	2000	47.5	5.4	6.3	142.5	16.2	18.9	7.56	0.85	53.1	0.77	7.76	0.01062	0.001200
<b>GMBM130850-53</b>	850	3000	1500	48.9	5.5	6.5	146.7	16.5	19.5	7.56	0.85	53.1	0.77	7.76	0.01062	0.001200
<b>GMBM130600-86</b>	600	2000	1000	52.4	5.9	4.2	157.2	17.7	12.6	12.62	1.43	85.8	1.89	20.07	0.01062	0.001200
<b>GMBM1302200-38</b>	2200	5000	3000	63.1	7.1	12.0	189.3	21.3	36.0	5.27	0.60	37.8	0.23	2.53	0.015346	0.001734
<b>GMBM1301600-54</b>	1600	3000	2000	68.7	7.8	9.2	206.1	23.4	27.6	7.45	0.84	54.2	0.47	5.27	0.015346	0.001734
<b>GMBM1301300-54</b>	1300	3000	1500	74.4	8.4	10	223.2	25.2	30.0	7.44	0.84	54.2	0.47	5.27	0.015346	0.001734
<b>GMBM130900-95</b>	900	2000	1000	78.1	8.8	5.8	234.3	26.4	17.4	13.51	1.53	94.6	1.41	15.99	0.015346	0.001734
<b>GMBM1303000-37</b>	3000	5000	3000	85.8	9.7	17.2	257.4	29.1	51.6	5.0	0.57	37.3	0.15	1.82	0.020073	0.002268
<b>GMBM1302200-54</b>	2200	3000	2000	94.5	10.7	12.4	283.5	32.1	37.2	7.64	0.86	53.9	0.30	3.82	0.020073	0.002268
<b>GMBM1301700-54</b>	1700	3000	1500	97.4	11.0	12.8	292.2	33.0	38.4	7.64	0.86	53.9	0.30	3.82	0.020073	0.002268
<b>GMBM1301200-90</b>	1200	2000	1000	103.8	11.7	7.6	311.4	35.1	22.8	13.61	1.54	90.0	0.87	10.67	0.020073	0.002268

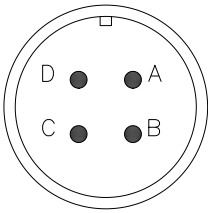
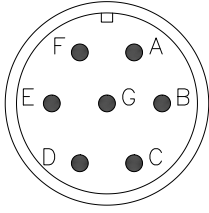
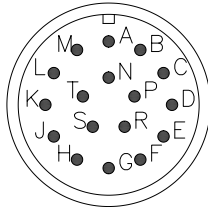
**NOTE:** The values for Max and Rated Speed are for motors operated with a 200 VAC power supply.

## BRAKE OPTION

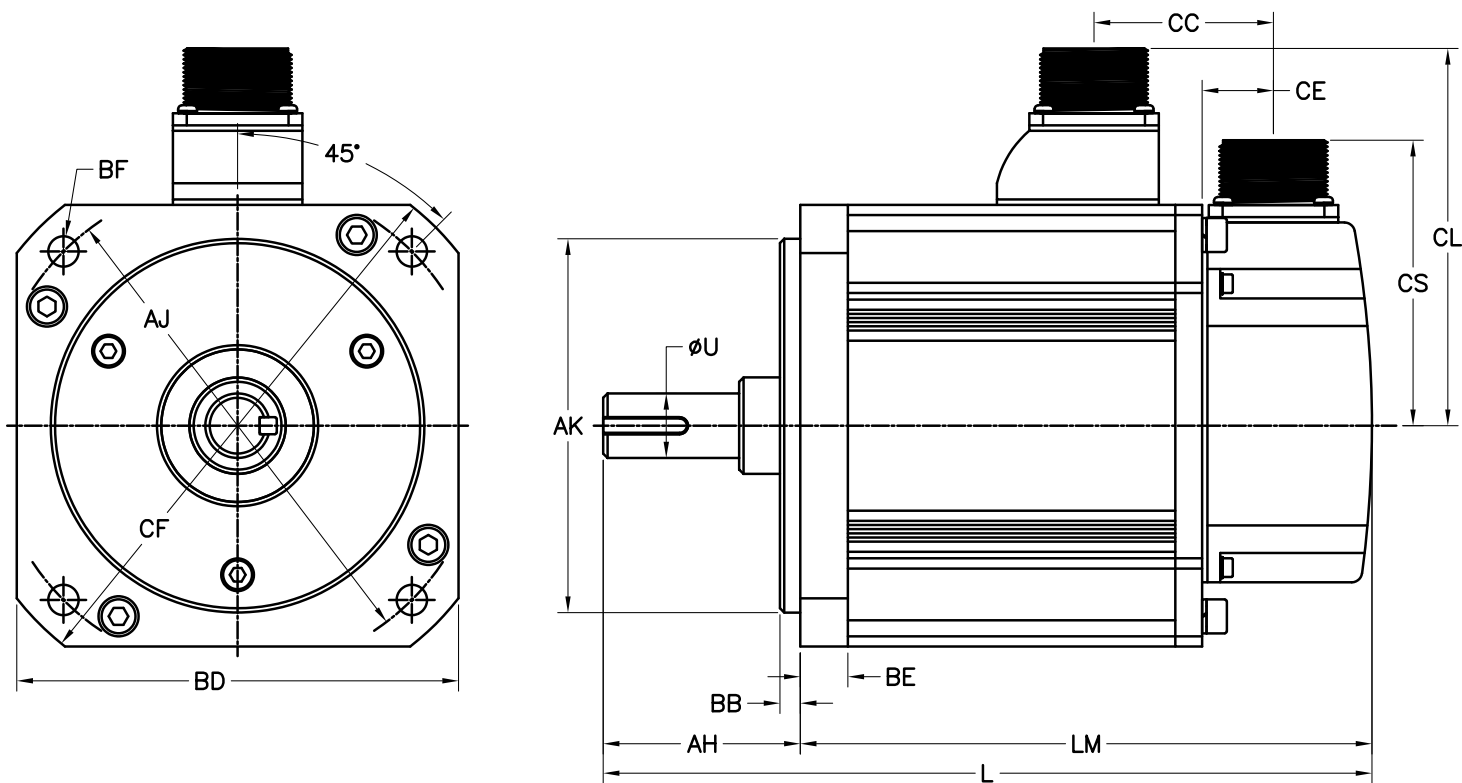
Brake requires 24V DC input voltage. The values for "Extension" represent the nominal maximum length that the brake will add to the motor. For some models, the extension will be less. Please contact one of our sales engineers for the exact values.

Extension	Torque		Power
mm (in.)	Lb-in	Nm	Watts
38 (1.50)	92.0	10.4	9.0

## CONNECTORS & PIN-OUT INFORMATION

A - Motor Power			B - Brake		
MS Connector	Pin #	Function	MS Connector	Pin #	Function
	<b>A</b>	Phase T		<b>A</b>	Phase T
	<b>B</b>	Phase S		<b>B</b>	Phase S
	<b>C</b>	Phase R		<b>C</b>	Phase R
	<b>D</b>	Ground		<b>D</b>	Ground
				<b>E</b>	Brake +
				<b>F</b>	Brake -
C - Encoder FeedBack					
MS Connector	Pin #	Function	Pin #	Function	
	<b>A</b>	A+	<b>M</b>	Hall V+	
	<b>B</b>	A-	<b>N</b>	Hall V+	
	<b>C</b>	B+	<b>P</b>	Hall U+	
	<b>D</b>	B-	<b>R</b>	Hall U+	
	<b>E</b>	Z+	<b>H</b>	+5V	
	<b>F</b>	Z-	<b>G</b>	Common	
	<b>K</b>	Hall W+	<b>J</b>	Shield	
	<b>L</b>	Hall W-			

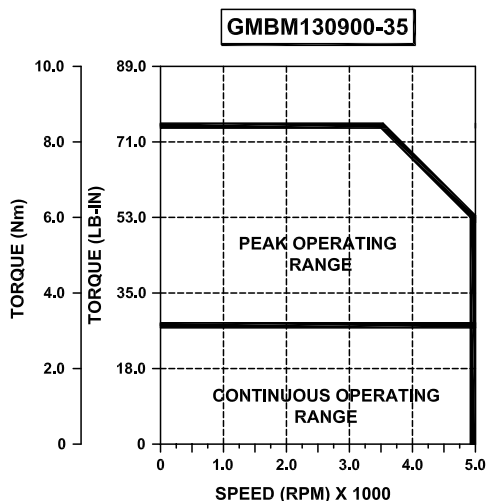
## GMBM130 SERIES DIMENSIONS



Model Number	Weight	External Dimension								Shaft/Key			Flange/Face				Mounting Hole	
	Kg	L	LM	LC	CC	CE	CS	CL	AH	U	KEY	AK	BB	BD	BE	CF	AJ	BF $\phi$
<b>GMBM130900-35</b>	5.5	201	143	94.0	51.3	21.0	84.0	111.0	58.0	19.0	M5 SQ. X 40	110.0	6.0	130.0	14.0	165.0	145.0	9.0
<b>GMBM130600-46</b>																		
<b>GMBM130450-46</b>																		
<b>GMBM130300-71</b>																		
<b>GMBM1301500-39</b>	7.5	225	167	118.0	51.3	21.0	84.0	111.0	58.0	19.0	M5 SQ. X 40	110.0	6.0	130.0	14.0	165.0	145.0	9.0
<b>GMBM1301100-53</b>																		
<b>GMBM130850-53</b>																		
<b>GMBM130600-86</b>																		
<b>GMBM1302200-38</b>	9.7	249	191	142.0	51.3	21.0	84.0	111.0	58.0	22.0	M6 SQ. X 40	110.0	6.0	130.0	14.0	165.0	145.0	9.0
<b>GMBM1301600-54</b>																		
<b>GMBM1301300-54</b>																		
<b>GMBM130900-95</b>																		
<b>GMBM1303000-37</b>	11.8	273	215	166.0	51.3	21.0	84.0	111.0	58.0	22.0	M6 SQ. X 40	110.0	6.0	130.0	14.0	165.0	145.0	9.0
<b>GMBM1302200-54</b>																		
<b>GMBM1301700-54</b>																		
<b>GMBM1301200-94</b>																		

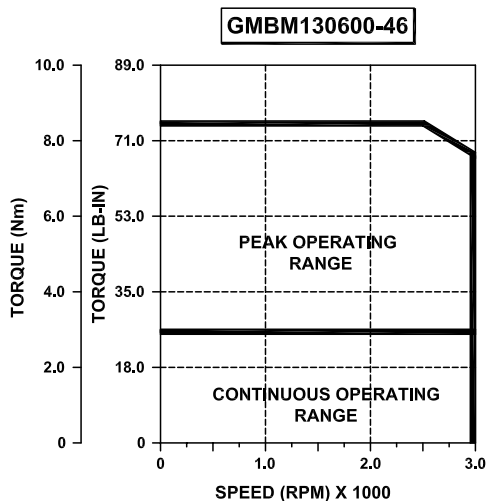
Note: Dimensions are in **mm**

## GMBM130900-35 PERFORMANCE DATA



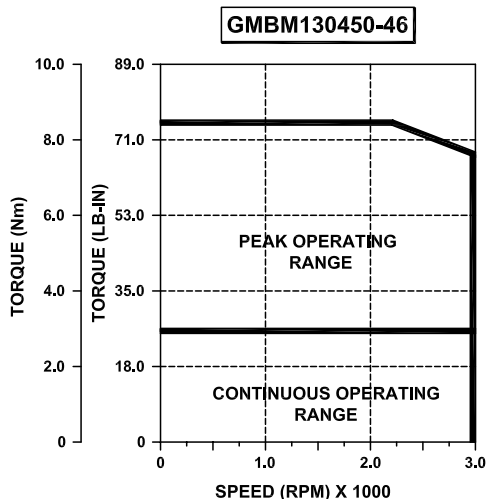
<b>Power @ Max Speed</b>	<b>HP</b>	1.207
	<b>W</b>	900
<b>Speed, RPM</b>	<b>Max.</b>	5000
	<b>Rated</b>	3000
<b>Cont. Stall Rating</b>	<b>Lb-in</b>	26.2
	<b>Nm</b>	3.0
	<b>Amps</b>	5.0
<b>Peak Stall Rating</b>	<b>Lb-in</b>	78.6
	<b>Nm</b>	9.0
	<b>Amps</b>	15.0
<b>Torque Constant</b>	<b>Lb-in/A</b>	5.29
	<b>Nm/A</b>	0.60
<b>Back EMF</b>	<b>V/Krpm</b>	35.3
<b>Resistance</b>	<b>Ohms</b>	0.89
<b>Inductance</b>	<b>mH</b>	7.87
<b>Armature Inertia</b>	<b>Lb-in-sec<sup>2</sup></b>	0.005894
	<b>Kg-m<sup>2</sup></b>	0.000666

## GMBM130600-46 PERFORMANCE DATA



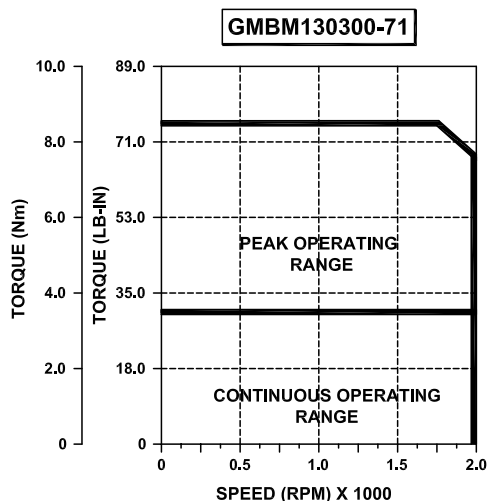
<b>Power @ Max Speed</b>	<b>HP</b>	0.805
	<b>W</b>	600
<b>Speed, RPM</b>	<b>Max.</b>	3000
	<b>Rated</b>	2000
<b>Cont. Stall Rating</b>	<b>Lb-in</b>	26.1
	<b>Nm</b>	3.0
	<b>Amps</b>	4.0
<b>Peak Stall Rating</b>	<b>Lb-in</b>	78.3
	<b>Nm</b>	9.0
	<b>Amps</b>	12.0
<b>Torque Constant</b>	<b>Lb-in/A</b>	6.57
	<b>Nm/A</b>	0.74
<b>Back EMF</b>	<b>V/Krpm</b>	45.6
<b>Resistance</b>	<b>Ohms</b>	1.55
<b>Inductance</b>	<b>mH</b>	12.98
<b>Armature Inertia</b>	<b>Lb-in-sec<sup>2</sup></b>	0.005814
	<b>Kg-m<sup>2</sup></b>	0.000657

## GMBM130450-46 PERFORMANCE DATA



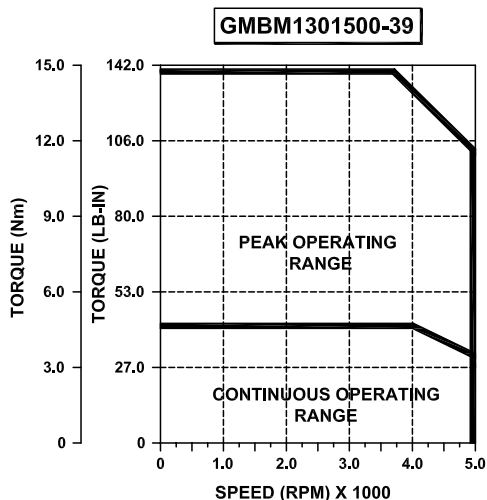
<b>Power @ Max Speed</b>	<b>HP</b>	0.603
	<b>W</b>	450
<b>Speed, RPM</b>	<b>Max.</b>	3000
	<b>Rated</b>	1500
<b>Cont. Stall Rating</b>	<b>Lb-in</b>	26.1
	<b>Nm</b>	3.0
	<b>Amps</b>	4.0
<b>Peak Stall Rating</b>	<b>Lb-in</b>	78.3
	<b>Nm</b>	9.0
	<b>Amps</b>	12.0
<b>Torque Constant</b>	<b>Lb-in/A</b>	6.57
	<b>Nm/A</b>	0.74
<b>Back EMF</b>	<b>V/Krpm</b>	45.6
<b>Resistance</b>	<b>Ohms</b>	1.55
<b>Inductance</b>	<b>mH</b>	12.98
<b>Armature Inertia</b>	<b>Lb-in-sec<sup>2</sup></b>	0.005894
	<b>Kg-m<sup>2</sup></b>	0.000666

## GMBM130300-71 PERFORMANCE DATA



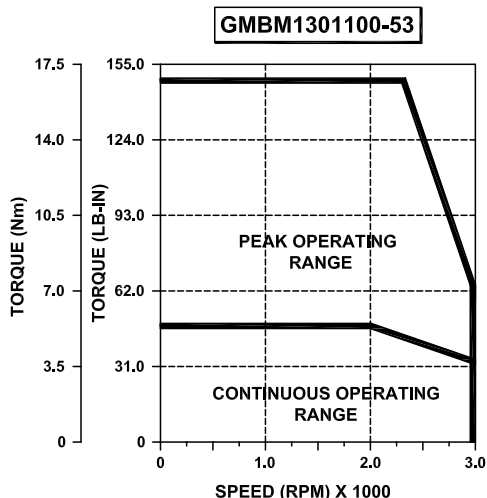
Power @ Max Speed	HP	0.402
	W	300
Speed, RPM	Max.	2000
	Rated	1000
Cont. Stall Rating	Lb-in	26.5
	Nm	3.0
	Amps	2.5
Peak Stall Rating	Lb-in	79.5
	Nm	9.0
	Amps	7.5
Torque Constant	Lb-in/A	10.56
	Nm/A	1.19
Back EMF	V/Krpm	71.0
Resistance	Ohms	3.44
Inductance	mH	30.53
Armature Inertia	Lb-in-sec <sup>2</sup>	0.005894
	Kg-m <sup>2</sup>	0.000666

## GMBM1301500-39 PERFORMANCE DATA



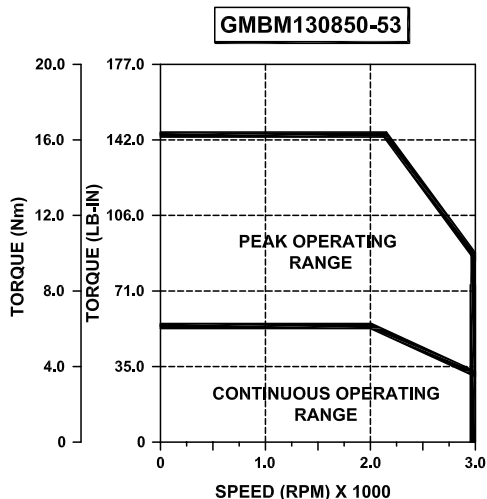
Power @ Max Speed	HP	2.011
	W	1500
Speed, RPM	Max.	5000
	Rated	3000
Cont. Stall Rating	Lb-in	43.2
	Nm	4.9
	Amps	8.2
Peak Stall Rating	Lb-in	129.6
	Nm	14.7
	Amps	24.6
Torque Constant	Lb-in/A	5.25
	Nm/A	0.59
Back EMF	V/Krpm	38.6
Resistance	Ohms	0.41
Inductance	mH	4.11
Armature Inertia	Lb-in-sec <sup>2</sup>	0.010620
	Kg-m <sup>2</sup>	0.001200

## GMBM1301100-53 PERFORMANCE DATA



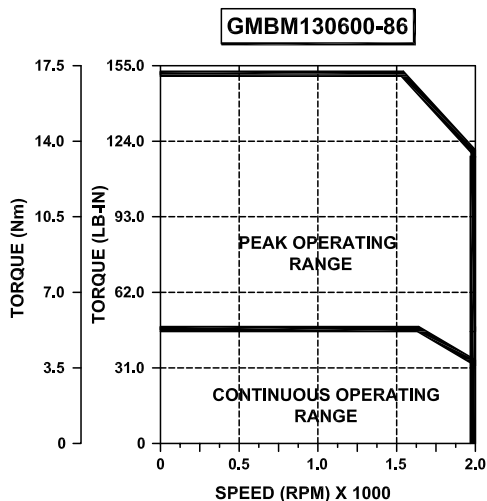
Power @ Max Speed	HP	1.475
	W	1100
Speed, RPM	Max.	3000
	Rated	2000
Cont. Stall Rating	Lb-in	47.5
	Nm	5.4
	Amps	6.3
Peak Stall Rating	Lb-in	142.5
	Nm	16.2
	Amps	18.9
Torque Constant	Lb-in/A	7.56
	Nm/A	0.85
Back EMF	V/Krpm	53.1
Resistance	Ohms	0.77
Inductance	mH	7.76
Armature Inertia	Lb-in-sec <sup>2</sup>	0.010620
	Kg-m <sup>2</sup>	0.001200

## GMBM130850-53 PERFORMANCE DATA



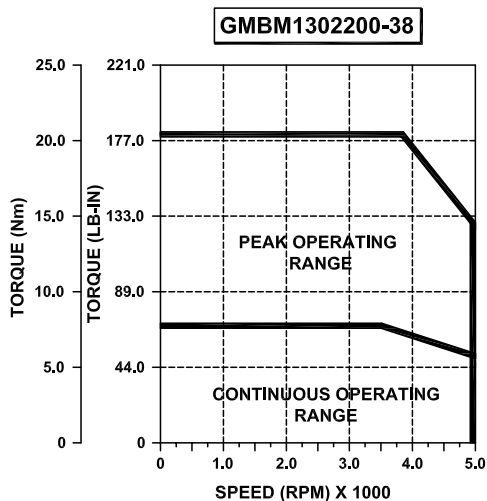
Power @ Max Speed	HP	1.140
	W	850
Speed, RPM	Max.	3000
	Rated	1500
Cont. Stall Rating	Lb-in	48.9
	Nm	5.5
	Amps	6.5
Peak Stall Rating	Lb-in	146.7
	Nm	16.5
	Amps	19.5
Torque Constant	Lb-in/A	7.56
	Nm/A	0.85
Back EMF	V/Krpm	53.1
Resistance	Ohms	0.77
Inductance	mH	7.76
Armature Inertia	Lb-in-sec <sup>2</sup>	0.010620
	Kg-m <sup>2</sup>	0.001200

## GMBM130600-86 PERFORMANCE DATA



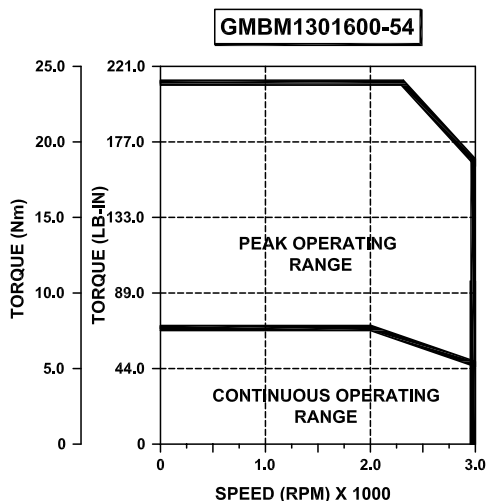
Power @ Max Speed	HP	0.805
	W	600
Speed, RPM	Max.	2000
	Rated	1000
Cont. Stall Rating	Lb-in	52.4
	Nm	5.9
	Amps	4.2
Peak Stall Rating	Lb-in	157.2
	Nm	17.7
	Amps	12.6
Torque Constant	Lb-in/A	12.62
	Nm/A	1.43
Back EMF	V/Krpm	85.8
Resistance	Ohms	1.89
Inductance	mH	20.07
Armature Inertia	Lb-in-sec <sup>2</sup>	0.010620
	Kg-m <sup>2</sup>	0.001200

## GMBM1302200-38 PERFORMANCE DATA



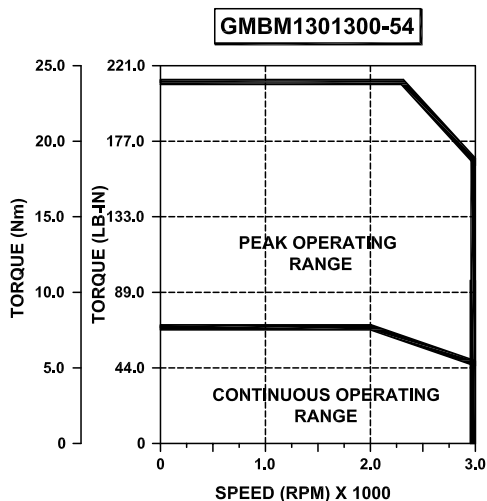
Power @ Max Speed	HP	2.950
	W	2200
Speed, RPM	Max.	5000
	Rated	3000
Cont. Stall Rating	Lb-in	63.1
	Nm	7.1
	Amps	12.0
Peak Stall Rating	Lb-in	189.3
	Nm	21.3
	Amps	36.0
Torque Constant	Lb-in/A	5.27
	Nm/A	0.60
Back EMF	V/Krpm	37.8
Resistance	Ohms	0.23
Inductance	mH	2.53
Armature Inertia	Lb-in-sec <sup>2</sup>	0.015346
	Kg-m <sup>2</sup>	0.001734

## GMBM1301600-54 PERFORMANCE DATA



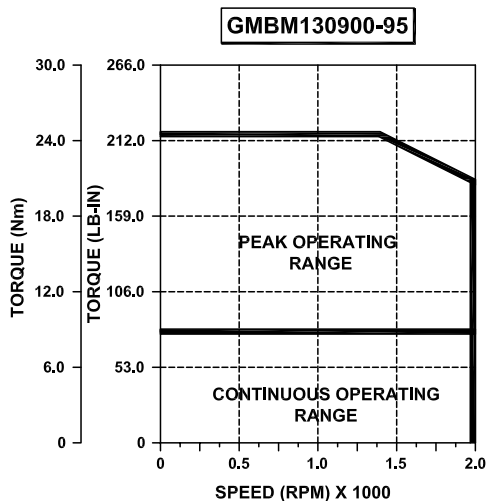
<b>Power @ Max Speed</b>	<b>HP</b>	2.146
	<b>W</b>	1600
<b>Speed, RPM</b>	<b>Max.</b>	3000
	<b>Rated</b>	2000
<b>Cont. Stall Rating</b>	<b>Lb-in</b>	68.7
	<b>Nm</b>	7.8
	<b>Amps</b>	9.2
<b>Peak Stall Rating</b>	<b>Lb-in</b>	206.1
	<b>Nm</b>	23.4
	<b>Amps</b>	27.6
<b>Torque Constant</b>	<b>Lb-in/A</b>	7.45
	<b>Nm/A</b>	0.84
<b>Back EMF</b>	<b>V/Krpm</b>	54.2
<b>Resistance</b>	<b>Ohms</b>	0.47
<b>Inductance</b>	<b>mH</b>	5.27
<b>Armature Inertia</b>	<b>Lb-in-sec<sup>2</sup></b>	0.015346
	<b>Kg-m<sup>2</sup></b>	0.001734

## GMBM1301300-54 PERFORMANCE DATA



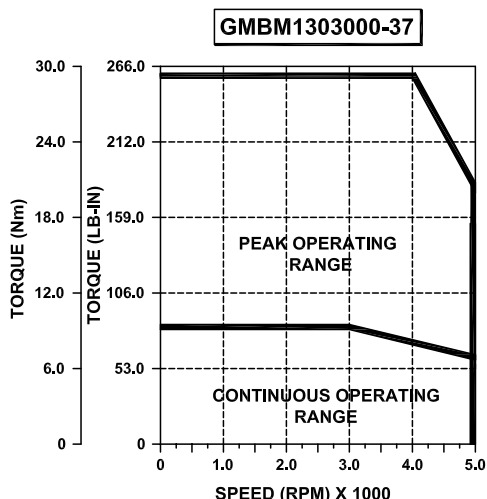
<b>Power @ Max Speed</b>	<b>HP</b>	1.743
	<b>W</b>	1300
<b>Speed, RPM</b>	<b>Max.</b>	3000
	<b>Rated</b>	1500
<b>Cont. Stall Rating</b>	<b>Lb-in</b>	74.4
	<b>Nm</b>	8.4
	<b>Amps</b>	10.0
<b>Peak Stall Rating</b>	<b>Lb-in</b>	223.2
	<b>Nm</b>	25.2
	<b>Amps</b>	30.0
<b>Torque Constant</b>	<b>Lb-in/A</b>	7.44
	<b>Nm/A</b>	0.84
<b>Back EMF</b>	<b>V/Krpm</b>	54.2
<b>Resistance</b>	<b>Ohms</b>	0.47
<b>Inductance</b>	<b>mH</b>	5.27
<b>Armature Inertia</b>	<b>Lb-in-sec<sup>2</sup></b>	0.015346
	<b>Kg-m<sup>2</sup></b>	0.001734

## GMBM130900-95 PERFORMANCE DATA



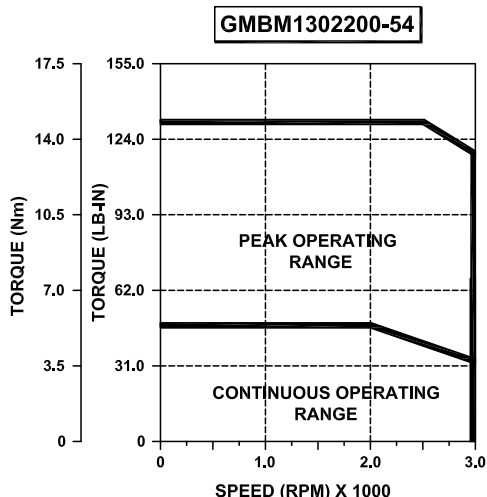
<b>Power @ Max Speed</b>	<b>HP</b>	1.207
	<b>W</b>	900
<b>Speed, RPM</b>	<b>Max.</b>	2000
	<b>Rated</b>	1000
<b>Cont. Stall Rating</b>	<b>Lb-in</b>	78.1
	<b>Nm</b>	8.8
	<b>Amps</b>	5.8
<b>Peak Stall Rating</b>	<b>Lb-in</b>	234.3
	<b>Nm</b>	26.4
	<b>Amps</b>	17.4
<b>Torque Constant</b>	<b>Lb-in/A</b>	13.51
	<b>Nm/A</b>	1.53
<b>Back EMF</b>	<b>V/Krpm</b>	94.6
<b>Resistance</b>	<b>Ohms</b>	1.41
<b>Inductance</b>	<b>mH</b>	15.99
<b>Armature Inertia</b>	<b>Lb-in-sec<sup>2</sup></b>	0.015346
	<b>Kg-m<sup>2</sup></b>	0.001734

## GMBM1303000-37 PERFORMANCE DATA



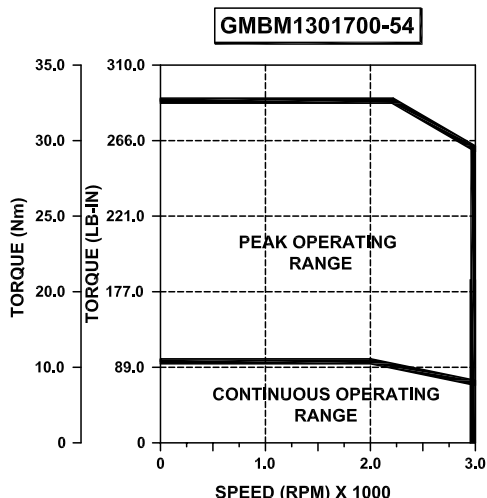
<b>Power @ Max Speed</b>	<b>HP</b>	4.023
	<b>W</b>	3000
<b>Speed, RPM</b>	<b>Max.</b>	5000
	<b>Rated</b>	3000
<b>Cont. Stall Rating</b>	<b>Lb-in</b>	85.8
	<b>Nm</b>	9.7
	<b>Amps</b>	17.2
<b>Peak Stall Rating</b>	<b>Lb-in</b>	257.4
	<b>Nm</b>	29.1
	<b>Amps</b>	51.6
<b>Torque Constant</b>	<b>Lb-in/A</b>	5.00
	<b>Nm/A</b>	0.57
<b>Back EMF</b>	<b>V/Krpm</b>	37.3
<b>Resistance</b>	<b>Ohms</b>	0.15
<b>Inductance</b>	<b>mH</b>	1.82
<b>Armature Inertia</b>	<b>Lb-in-sec<sup>2</sup></b>	0.020073
	<b>Kg-m<sup>2</sup></b>	0.002268

## GMBM1302200-54 PERFORMANCE DATA



<b>Power @ Max Speed</b>	<b>HP</b>	2.950
	<b>W</b>	2200
<b>Speed, RPM</b>	<b>Max.</b>	3000
	<b>Rated</b>	2000
<b>Cont. Stall Rating</b>	<b>Lb-in</b>	94.5
	<b>Nm</b>	10.7
	<b>Amps</b>	12.4
<b>Peak Stall Rating</b>	<b>Lb-in</b>	283.5
	<b>Nm</b>	32.1
	<b>Amps</b>	37.2
<b>Torque Constant</b>	<b>Lb-in/A</b>	7.64
	<b>Nm/A</b>	0.86
<b>Back EMF</b>	<b>V/Krpm</b>	53.9
<b>Resistance</b>	<b>Ohms</b>	0.30
<b>Inductance</b>	<b>mH</b>	3.82
<b>Armature Inertia</b>	<b>Lb-in-sec<sup>2</sup></b>	0.020073
	<b>Kg-m<sup>2</sup></b>	0.002268

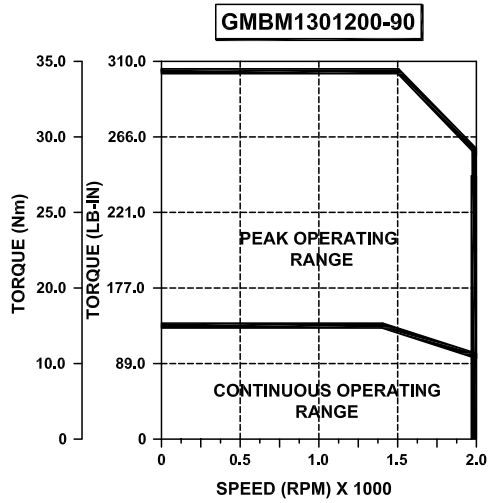
## GMBM1301700-54 PERFORMANCE DATA



<b>Power @ Max Speed</b>	<b>HP</b>	2.280
	<b>W</b>	1700
<b>Speed, RPM</b>	<b>Max.</b>	3000
	<b>Rated</b>	1500
<b>Cont. Stall Rating</b>	<b>Lb-in</b>	97.4
	<b>Nm</b>	11.0
	<b>Amps</b>	12.8
<b>Peak Stall Rating</b>	<b>Lb-in</b>	292.2
	<b>Nm</b>	33.0
	<b>Amps</b>	38.4
<b>Torque Constant</b>	<b>Lb-in/A</b>	7.64
	<b>Nm/A</b>	0.86
<b>Back EMF</b>	<b>V/Krpm</b>	53.9
<b>Resistance</b>	<b>Ohms</b>	0.30
<b>Inductance</b>	<b>mH</b>	3.82
<b>Armature Inertia</b>	<b>Lb-in-sec<sup>2</sup></b>	0.020073
	<b>Kg-m<sup>2</sup></b>	0.002268



## GMBM1301200-90 PERFORMANCE DATA



<b>Power @ Max Speed</b>	<b>HP</b>	1.609
	<b>W</b>	1200
<b>Speed, RPM</b>	<b>Max.</b>	2000
	<b>Rated</b>	1000
<b>Cont. Stall Rating</b>	<b>Lb-in</b>	103.8
	<b>Nm</b>	11.7
	<b>Amps</b>	7.6
<b>Peak Stall Rating</b>	<b>Lb-in</b>	311.4
	<b>Nm</b>	35.1
	<b>Amps</b>	22.8
<b>Torque Constant</b>	<b>Lb-in/A</b>	13.61
	<b>Nm/A</b>	1.54
<b>Back EMF</b>	<b>V/Krpm</b>	90.0
<b>Resistance</b>	<b>Ohms</b>	0.87
<b>Inductance</b>	<b>mH</b>	10.67
<b>Armature Inertia</b>	<b>Lb-in-sec<sup>2</sup></b>	0.020073
	<b>Kg-m<sup>2</sup></b>	0.002268

## GMBM130 SERIES MODEL NUMBERING

This section explains the model numbering system for Glentek's GMBM130 Series Brushless Servo Motors. The model numbering system is designed so that you, our customer, will be able to quickly and accurately create the model number for the drive that best suits your requirements. Please complete the drive configuration code you require using the information on this page. After completing your model number, please contact a Glentek Sales Engineer to confirm that the model number you have created is correct.

GMBM	130	600	-	35	-	0	0	0	0	0	0	0	0	-	
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- Frame Size** 130 = 130mm Motor
- Power at Rated RPM** 600 = 600 Watts
- Back EMF Constant** 35 = 35 V/Krpm
- Brake option** 0 = No brake installed
- Flange Type** 0 = Standard
- Shaft Type** 0 = Standard
- Lead Termination** 0 = Two AMP Connectors
- Wiring Diagram** 0 = Glentek Standard
- Encoder Option** 0 = 2048 PPR
- Sealing Option** 0 = No Shaft Seal
- Factory Assigned Option** leave blank

GMBM			-		-									-	
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Frame Size	
<b>130</b>	130mm Motor

Power at Rated RPM					
<b>300</b>	300 Watts	<b>1100</b>	1100 Watts	<b>1700</b>	1700 Watts
<b>450</b>	450 Watts	<b>1200</b>	1200 Watts	<b>2200</b>	2200 Watts
<b>600</b>	600 Watts	<b>1300</b>	1300 Watts	<b>3000</b>	3000 Watts
<b>850</b>	850 Watts	<b>1500</b>	1500 Watts		
<b>900</b>	900 Watts	<b>1600</b>	1600 Watts		

Back EMF Constant									
<b>300 Watts</b>		<b>450 Watts</b>		<b>600 Watts</b>		<b>850 Watts</b>		<b>900 Watts</b>	
<b>71</b>	71V/Krpm	<b>46</b>	46V/Krpm	<b>46</b>	46V/Krpm	<b>53</b>	53V/Krpm	<b>35</b>	35V/Krpm
		<b>86</b>	86V/Krpm					<b>95</b>	95V/Krpm
<b>1100 Watts</b>		<b>1200 Watts</b>		<b>1300 Watts</b>		<b>1500 Watts</b>		<b>1600 Watts</b>	
<b>53</b>	53V/Krpm	<b>90</b>	90V/Krpm	<b>54</b>	54V/Krpm	<b>39</b>	39V/Krpm	<b>54</b>	54V/Krpm
<b>1700 Watts</b>		<b>2200 Watts</b>		<b>3000 Watts</b>					
<b>54</b>	54V/Krpm	<b>38</b>	38V/Krpm	<b>37</b>	37V/Krpm				
		<b>54</b>	54V/Krpm						

Brake Option			
<b>0</b>	No brake installed	<b>1</b>	24 VDC Brake
<b>2</b>	Special		

Flange Type			
<b>0</b>	Standard	<b>1</b>	Special

Shaft Type			
<b>0</b>	Standard	<b>1</b>	Special

Lead Termination Type			
<b>1</b>	Special	<b>2</b>	Two MS Connectors

Wiring Diagram			
<b>0</b>	Glentek Standard	<b>1</b>	Special

Encoder Option			
<b>0</b>	2048 PPR	<b>4</b>	2500 PPR
<b>1</b>	3000 PPR	<b>5</b>	5000 PPR
<b>3</b>	1024 PPR	<b>7</b>	Special

Sealing Option			
<b>0</b>	No Shaft Seal (IP54 Sealing)	<b>2</b>	Special
<b>1</b>	Shaft Seal		

Factory Assigned Option
A numerical code will be assigned by Glentek to motors whose specifications vary from the standard configuration