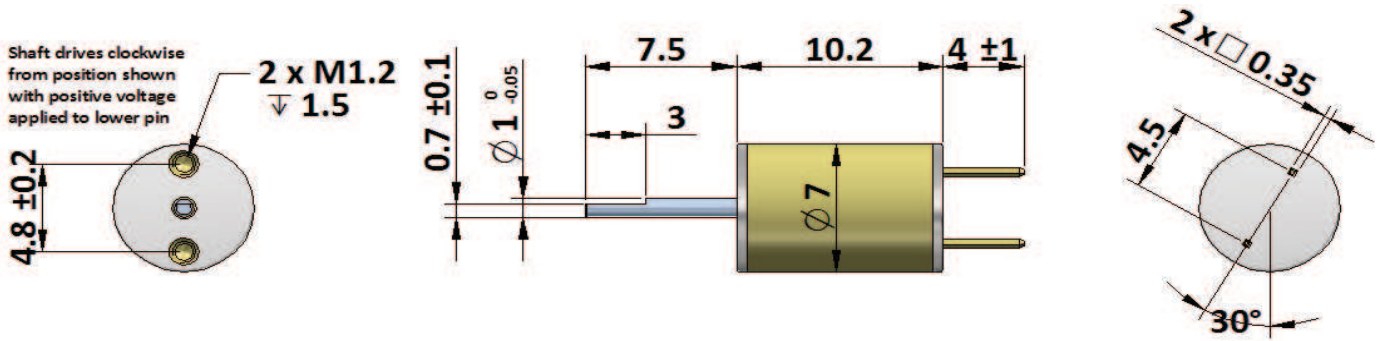
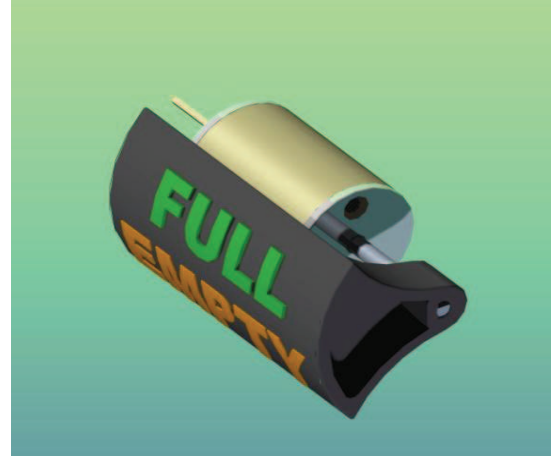




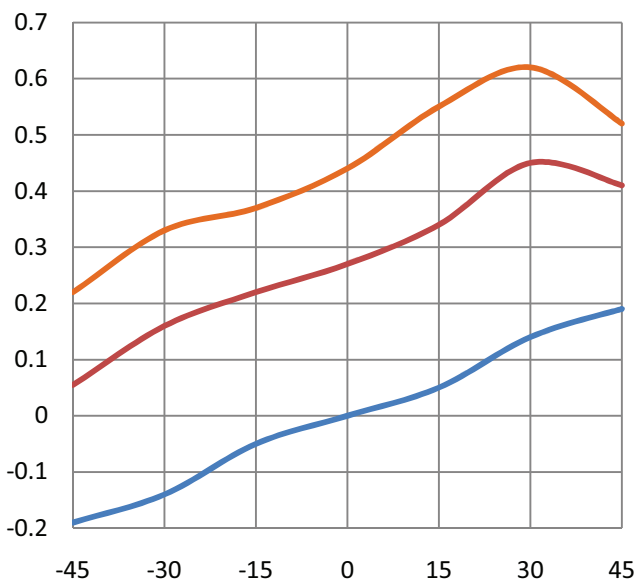
GEEPLUS

BRS0710-9.5

Device drawn with shaft aligned to mid position  
 Nominal 9.5Ω, 180mH for operation at 315mA, 100%ED  
 Rotor Inertia 0.15 gmm<sup>2</sup>  
 Life Expectancy >10M cycles, no load, 30° rotation  
 Mass 1.5 grammes  
 Insulation Resistance >5MΩ, 500VDC Megger  
 Dielectric Strength 250vAC, 50/60Hz, 1 minute

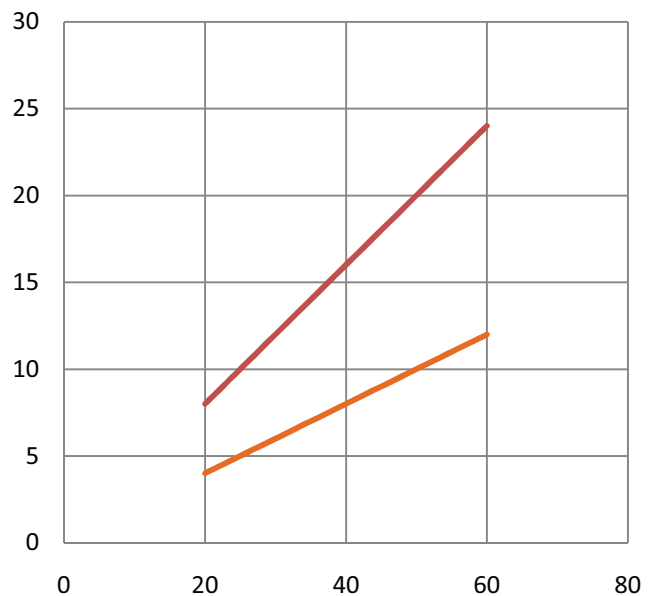


Torque (mNm) vs Angle



— De-Energised    — 315mA  
 — 525mA (35% ED)

Response (ms) vs Angle



— 315mA, 3v, 0gcm<sup>2</sup>    — 525mA, 5v, 0gcm<sup>2</sup>  
 - - 315mA, 3v, 10gcm<sup>2</sup>    - - 525mA, 5v, 10gcm<sup>2</sup>

Geeplus reserves the right to change specifications without notice

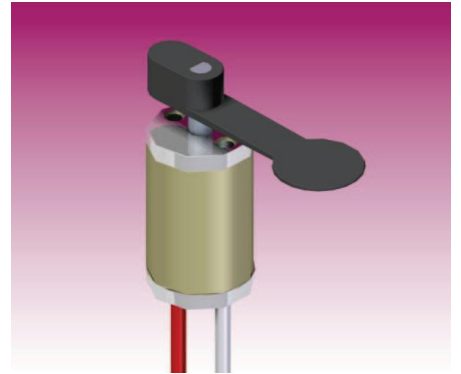
www.geeplus.biz e-mail: info@geeplus.biz



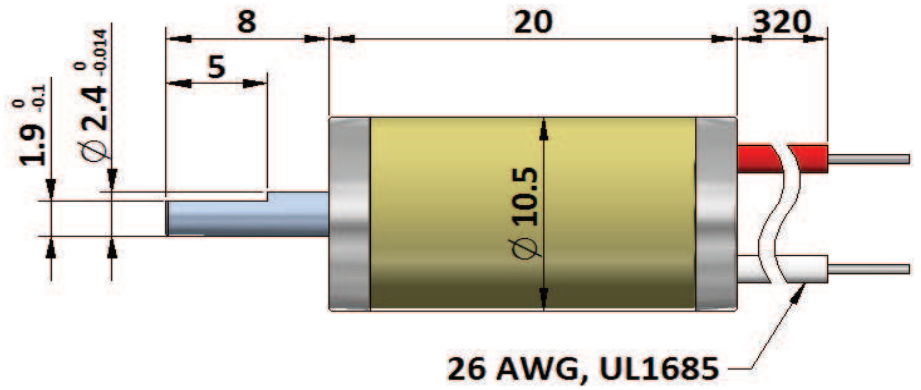
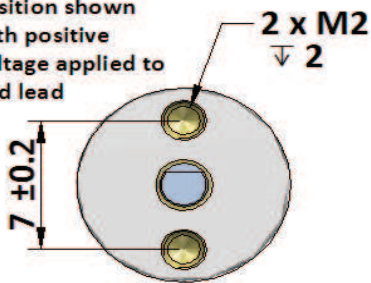
GEEPLUS

BRS1020-13

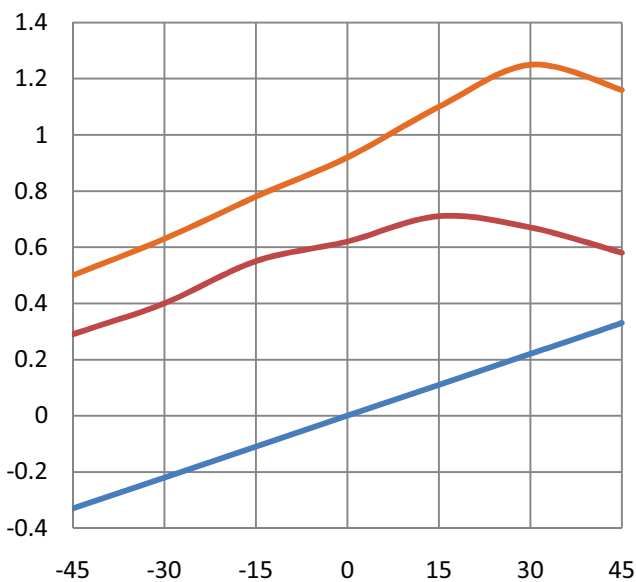
Device drawn with shaft aligned to mid position  
 Nominal  $13\Omega$ ,  $0.6\text{mH}$  for operation at  $380\text{mA}$ ,  $100\%ED$   
 Rotor Inertia  $0.017\text{gcm}^2$   
 Life Expectancy  $>10\text{M}$  cycles, no load,  $30^\circ$  rotation  
 Mass  $8\text{ grammes}$   
 Insulation Resistance  $>100\text{M}\Omega$ ,  $500\text{VDC}$  Megger  
 Dielectric Strength  $500\text{vAC}$ ,  $50/60\text{Hz}$ ,  $1\text{ minute}$



Shaft drives clockwise from position shown with positive voltage applied to Red lead

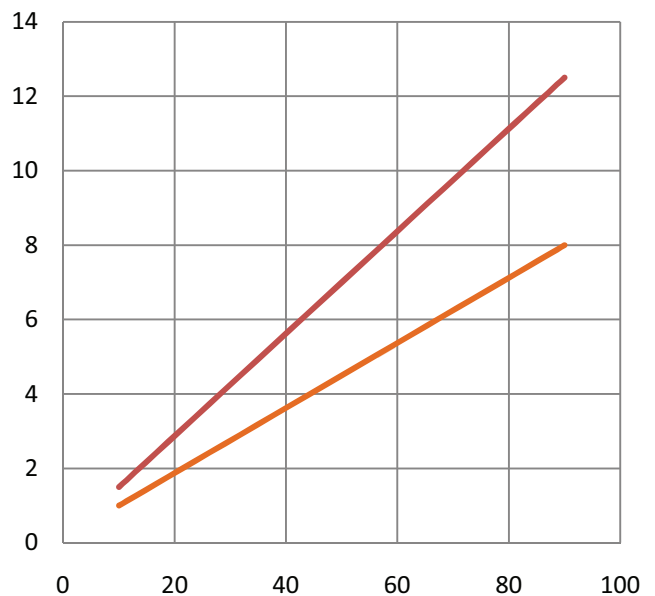


Torque (mNm) vs Angle



— De-Energised — 380mA  
 — 900mA (15% ED) —

Response (ms) vs Angle



— 380mA, 5v,  $0\text{gcm}^2$  — 900mA, 12v,  $0\text{gcm}^2$   
 - - 380mA, 5v,  $10\text{gcm}^2$  - - 900mA, 12v,  $10\text{gcm}^2$

Geeplus reserves the right to change specifications without notice

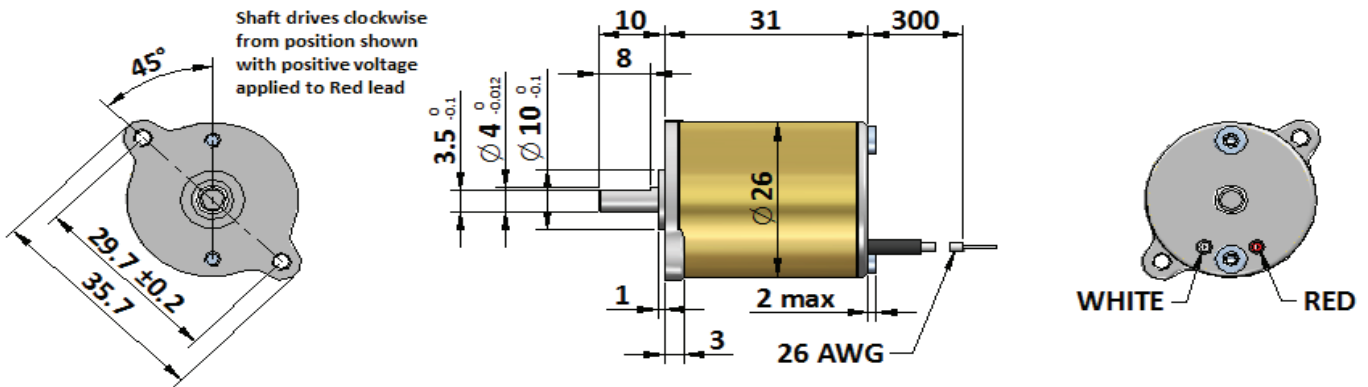
[www.geeplus.biz](http://www.geeplus.biz) e-mail: [info@geeplus.biz](mailto:info@geeplus.biz)



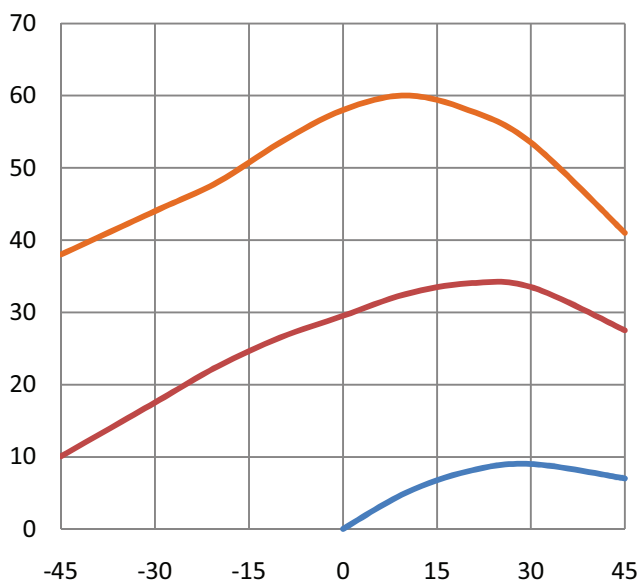
GEEPLUS

BRS2631

Device drawn with shaft aligned to mid position  
 Nominal  $15.6\Omega$ ,  $3.8\text{mH}$  for operation at  $12\text{V}$ ,  $40\%\text{ED}$   
 Rotor Inertia  $2.1\text{gcm}^2$   
 Life Expectancy  $>10\text{M}$  cycles, no load,  $60^\circ$  rotation  
 Mass  $70$  grammes  
 Insulation Resistance  $>100\text{M}\Omega$ ,  $500\text{VDC}$  Megger  
 Dielectric Strength  $1000\text{vAC}$ ,  $50/60\text{Hz}$ ,  $1$  minute  
 Class E ( $120^\circ\text{C}$ ) insulation class

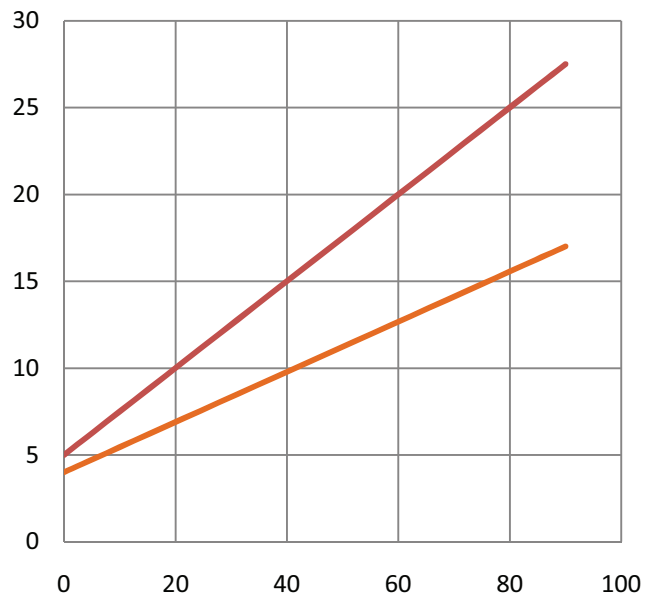


Torque (mNm) vs Angle



— De-Energised — 12v (40%ED)  
 — 24v (10% ED) —

Response (ms) vs Angle



— 12v, 0gcm<sup>2</sup> — 24v, 0gcm<sup>2</sup>  
 - - 380mA, 5v, 10gcm<sup>2</sup> - - 900mA, 12v, 10gcm<sup>2</sup>

Geeplus reserves the right to change specifications without notice

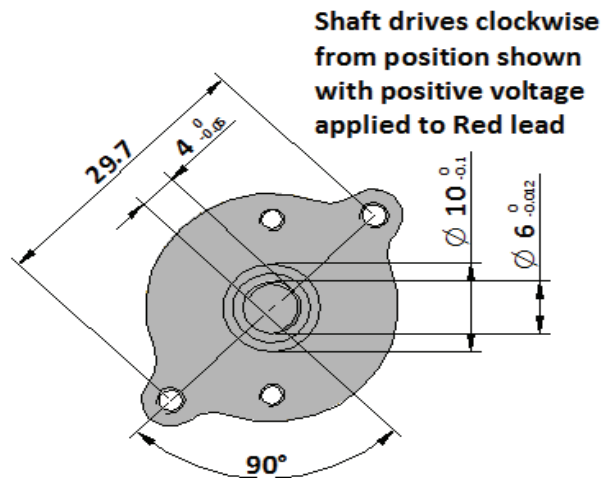
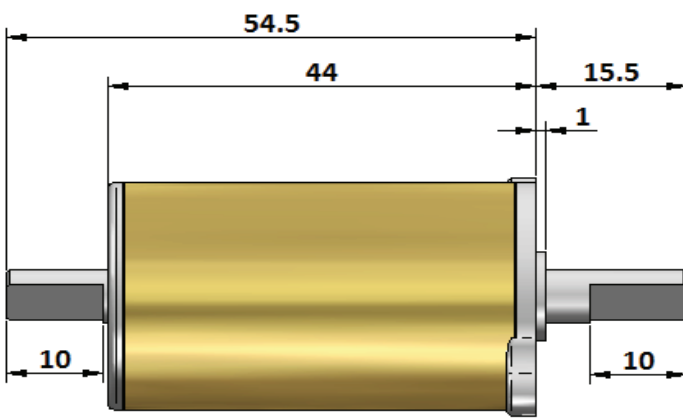
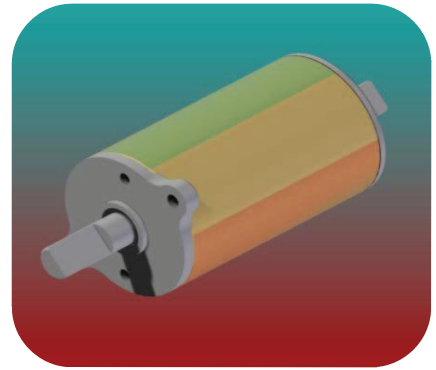
[www.geeplus.biz](http://www.geeplus.biz) e-mail: [info@geeplus.biz](mailto:info@geeplus.biz)



GEEPLUS

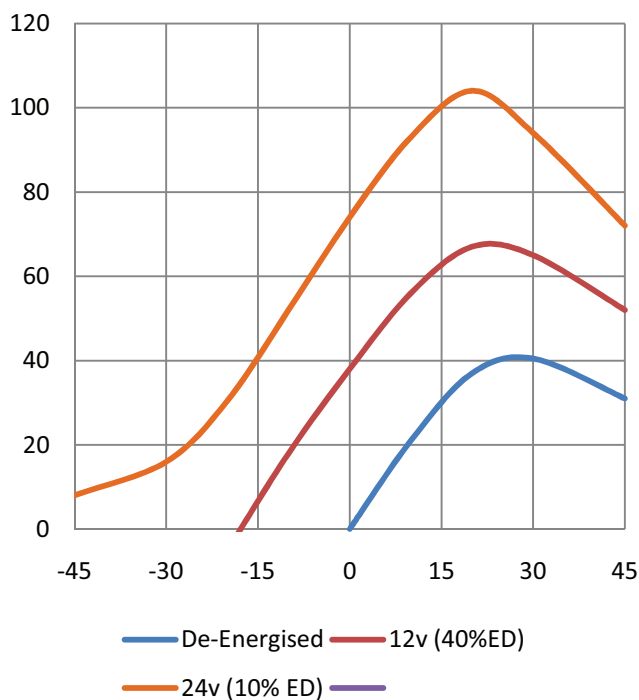
BRS2644

Device drawn with shaft aligned to mid position  
 Nominal  $32\Omega$ ,  $140\text{mH}$  for operation at  $12\text{V}$ ,  $100\%ED$   
 Rotor Inertia  $2.1\text{ gcm}^2$   
 Life Expectancy  $>10\text{M}$  cycles, no load,  $60^\circ$  rotation  
 Mass  $80\text{ grammes}$   
 Insulation Resistance  $>100\text{M}\Omega$ ,  $500\text{VDC}$  Megger  
 Dielectric Strength  $1000\text{vAC}$ ,  $50/60\text{Hz}$ ,  $1\text{ minute}$   
 Class E ( $120^\circ\text{C}$ ) insulation class

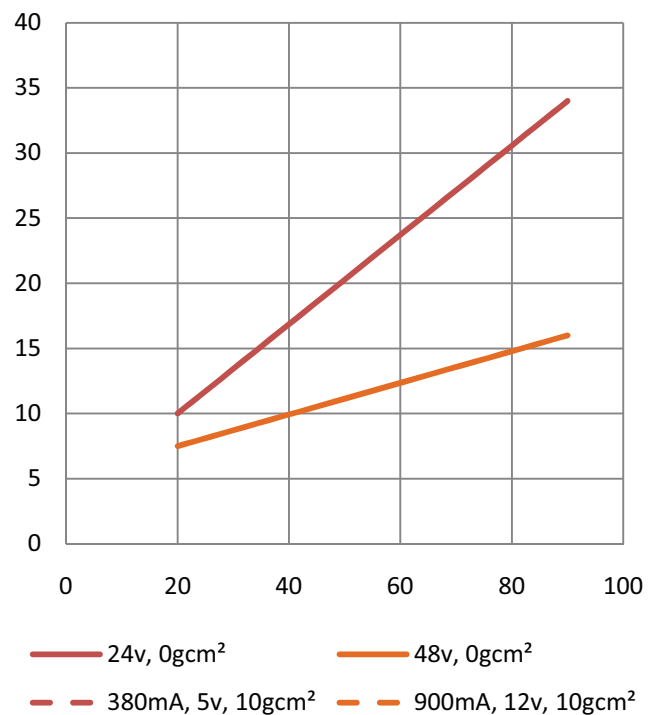


Shaft drives clockwise from position shown with positive voltage applied to Red lead

Torque (mNm) vs Angle



Response (ms) vs Angle



Geeplus reserves the right to change specifications without notice

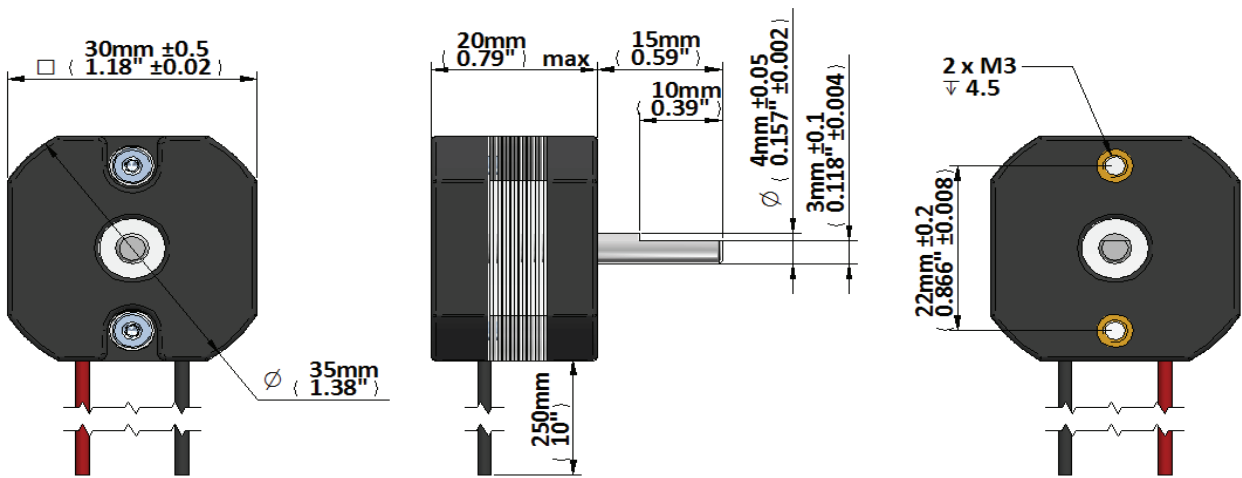
www.geeplus.biz e-mail: info@geeplus.biz



GEEPLUS

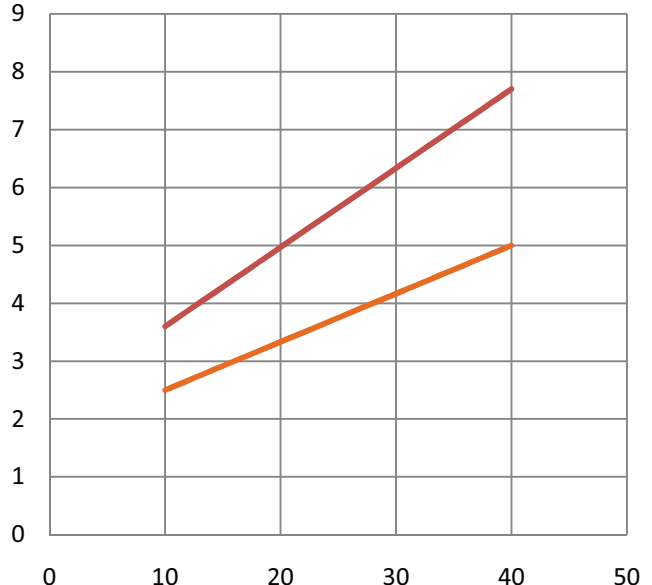
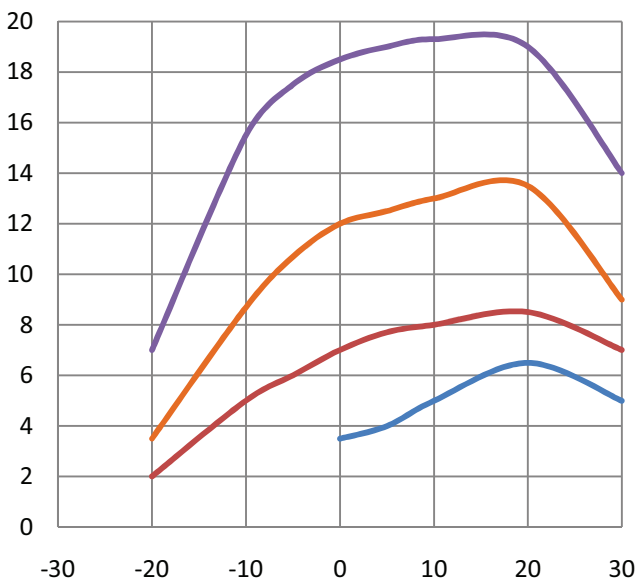
RM301-4P

Device drawn with shaft aligned to mid position  
 Suffix 06, 12, 24 for operation at 6v, 12v, 24v, 100%ED  
 Rotor Inertia 2.1 gcm<sup>2</sup>  
 Life Expectancy >10M cycles, no load, 60° rotation  
 Mass 62 grammes  
 Insulation Resistance >50MΩ, 500VDC Megger  
 Dielectric Strength 500vAC, 50/60Hz, 1 minute  
 Class E (120°C) insulation class



Torque (mNm) vs Angle

Response (ms) vs Angle



— De-Energised — 4W (100% ED)  
 — 8W (50% ED) — 16W (25% ED)

— 4W, No Load — 16W, No Load  
 - - 380mA, 5v, 10gcm<sup>2</sup> - - 900mA, 12v, 10gcm<sup>2</sup>

Geeplus reserves the right to change specifications without notice

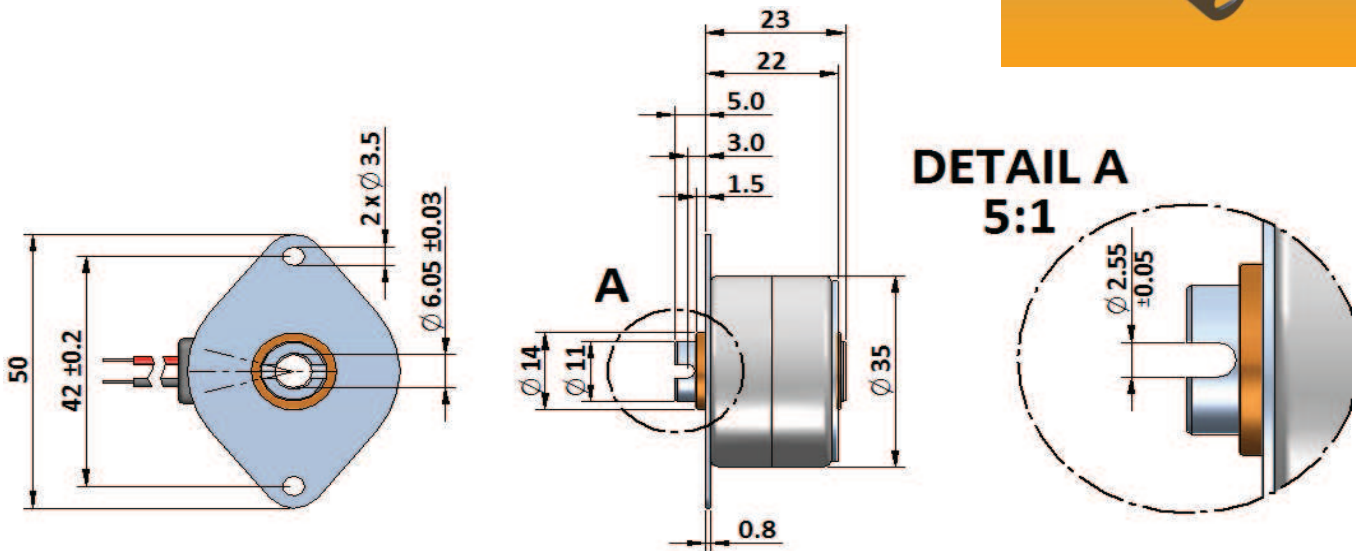
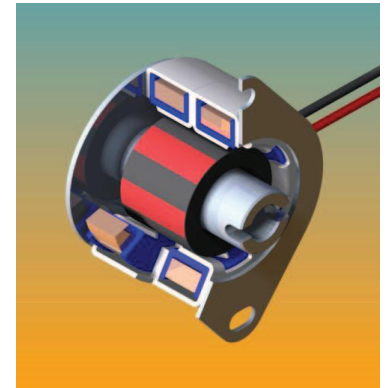
[www.geeplus.biz](http://www.geeplus.biz) e-mail: [info@geeplus.biz](mailto:info@geeplus.biz)



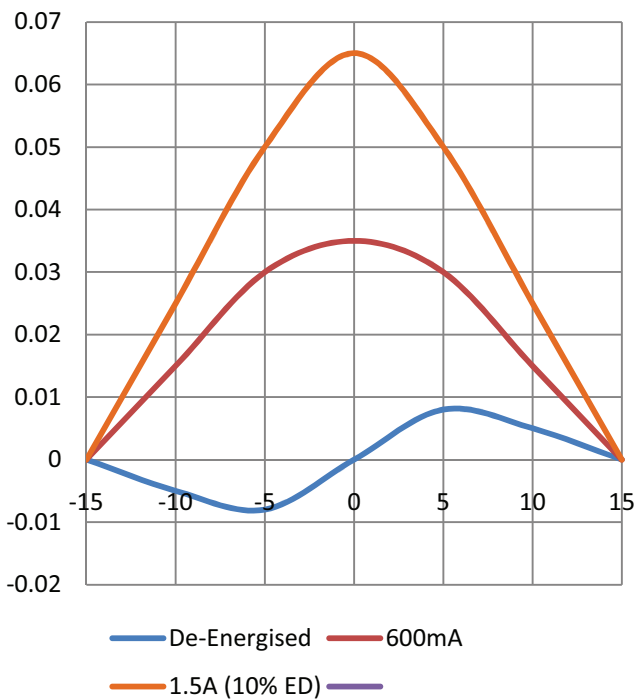
GEEPLUS

BRS3522-6-12

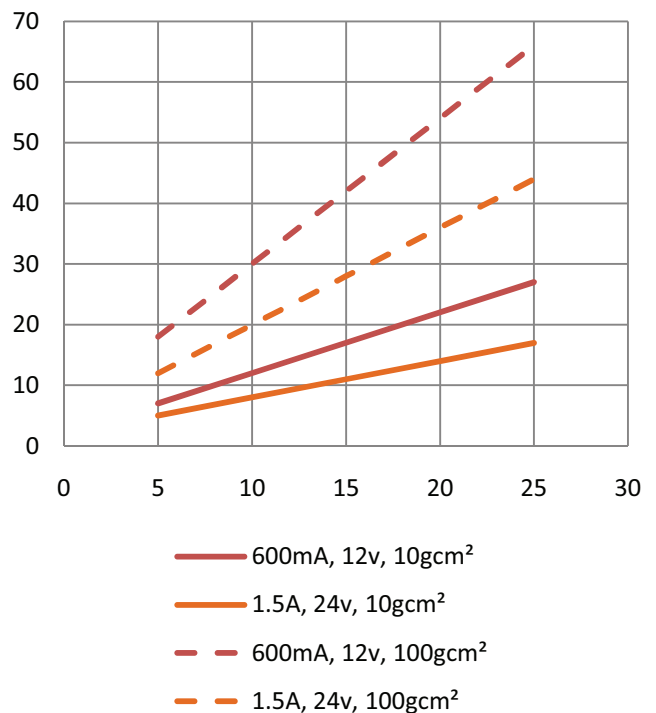
Device drawn with shaft aligned to mid position  
 Nominal 12Ω, 1.2mH for operation at 600mA, 50%ED  
 Rotor Inertia 9 gcm<sup>2</sup>  
 Life Expectancy >20M cycles, no load, 20° rotation  
 Turns CW from position shown, +ve applied to Red lead  
 Leadwires 300mm, UL1015, AWG24 stranded leads  
 Mass 90 grammes



Torque (Nm) vs Angle



Response (ms) vs Angle



Geeplus reserves the right to change specifications without notice

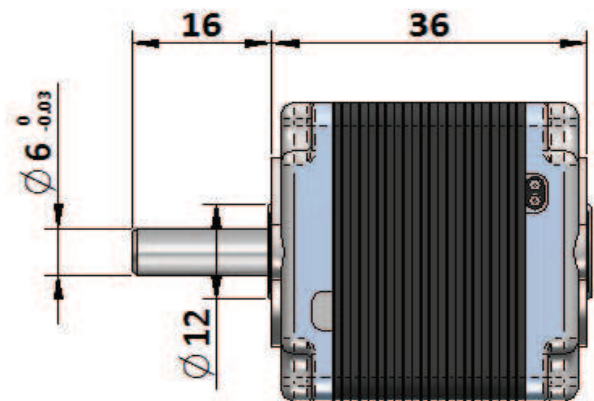
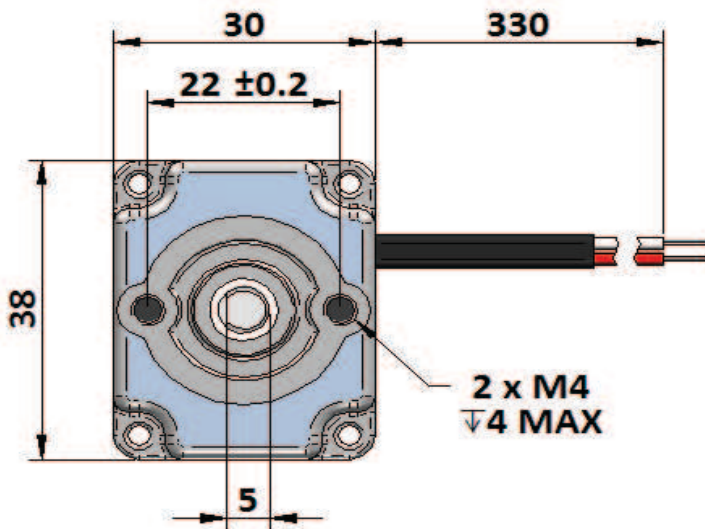
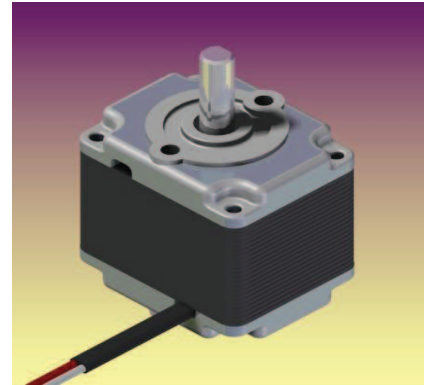
www.geeplus.biz e-mail: info@geeplus.biz



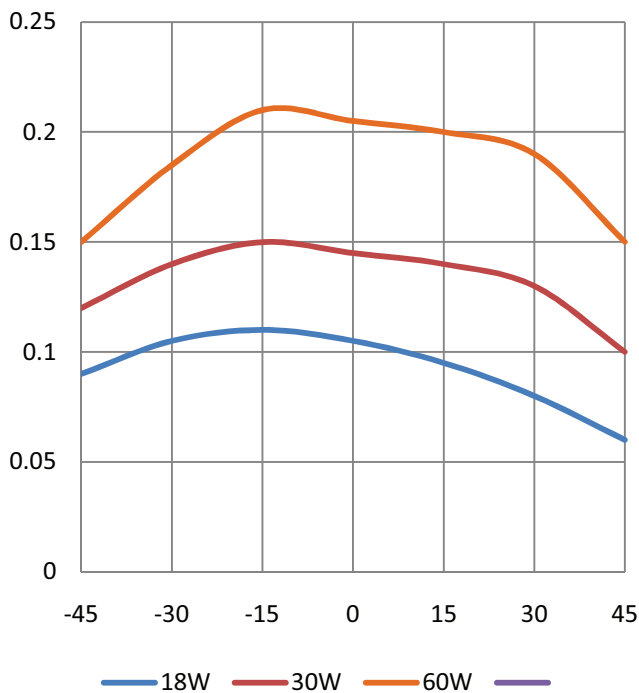
GEEPLUS

BRS3836-6

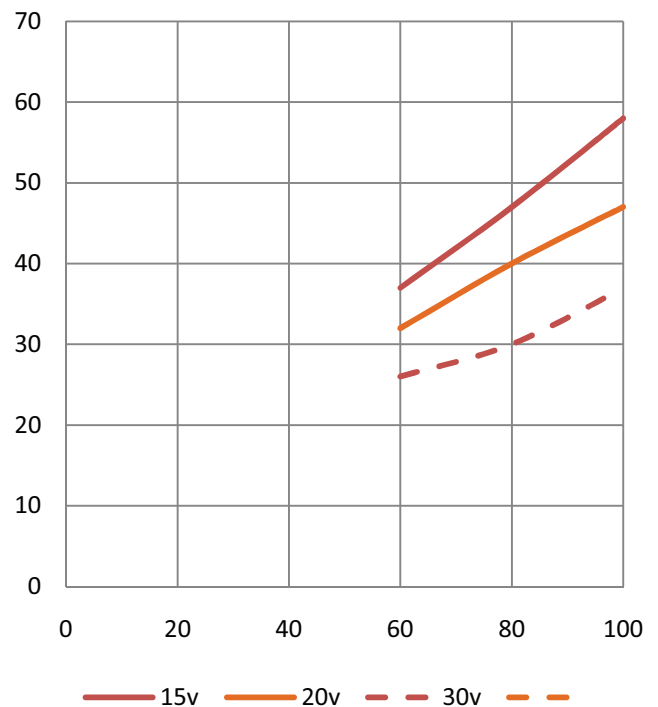
Device drawn with shaft aligned to mid position  
 Nominal  $6\Omega$ ,  $5mH$  for operation at  $24v$ ,  $10\%ED$   
 Rotor Inertia ?  $gcm^2$   
 Life Expectancy  $>10M$  cycles, no load,  $30^\circ$  rotation  
 Turns CW from position shown, +ve applied to Red lead  
 Leadwires AWG24 stranded leads  
 Mass 190 grammes



Torque (Nm) vs Angle



Response (ms) vs Angle



Geeplus reserves the right to change specifications without notice

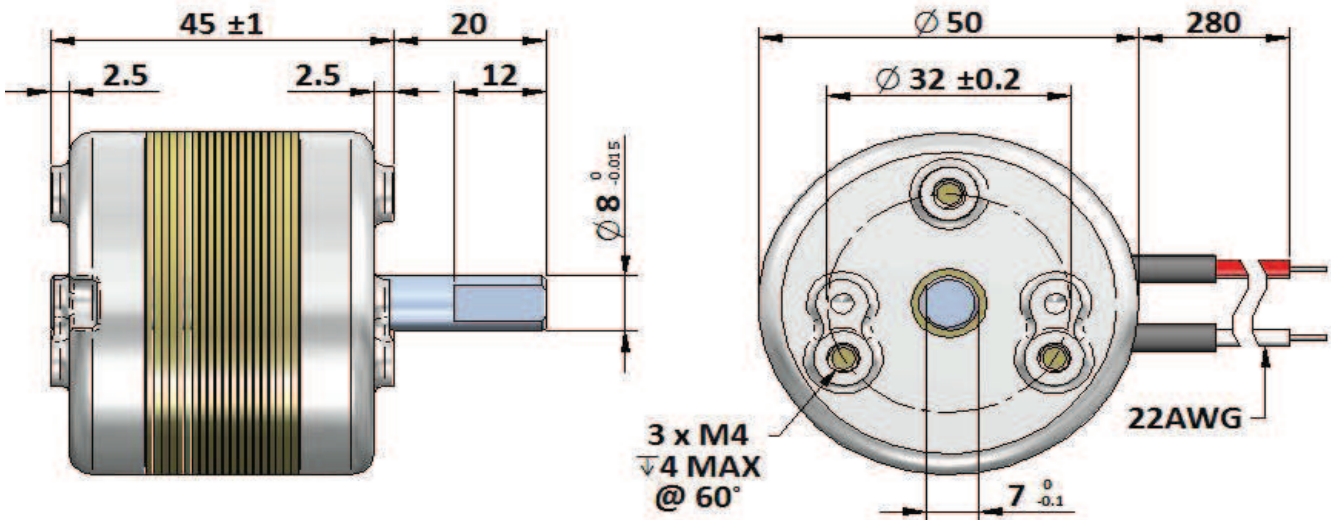
[www.geeplus.biz](http://www.geeplus.biz) e-mail: [info@geeplus.biz](mailto:info@geeplus.biz)



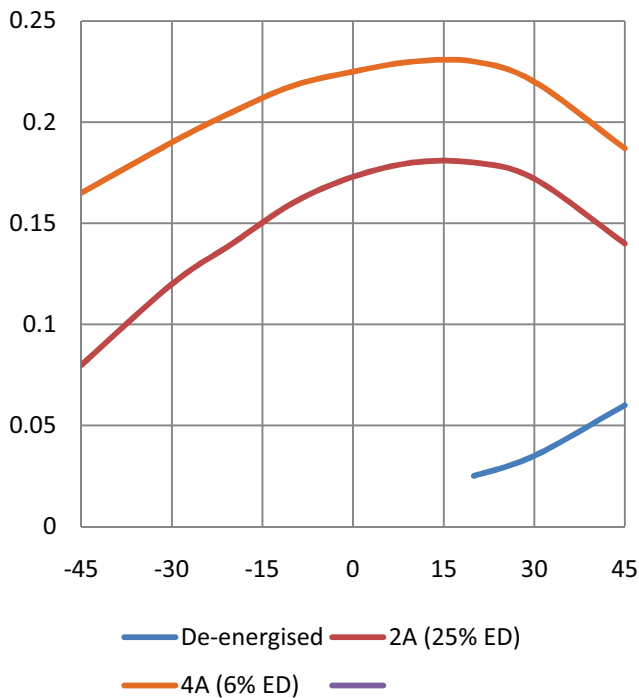
GEEPLUS

BRS5045

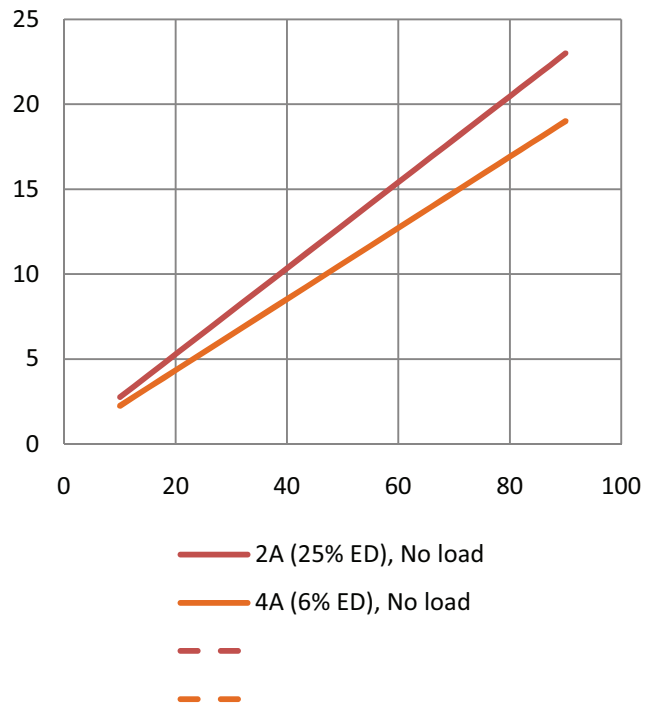
Device drawn with shaft aligned to mid position  
 Nominal 6.2Ω, 15mH for operation at 12V, 40%ED  
 Rotor Inertia 18 gcm<sup>2</sup>  
 Life Expectancy >10M cycles, no load, 60° rotation  
 Mass 280 grammes  
 Insulation Resistance >100MΩ, 500VDC Megger  
 Dielectric Strength 1000vAC, 50/60Hz, 1 minute  
 Class E (120°C) insulation class



Torque (Nm) vs Angle



Response (ms) vs Angle

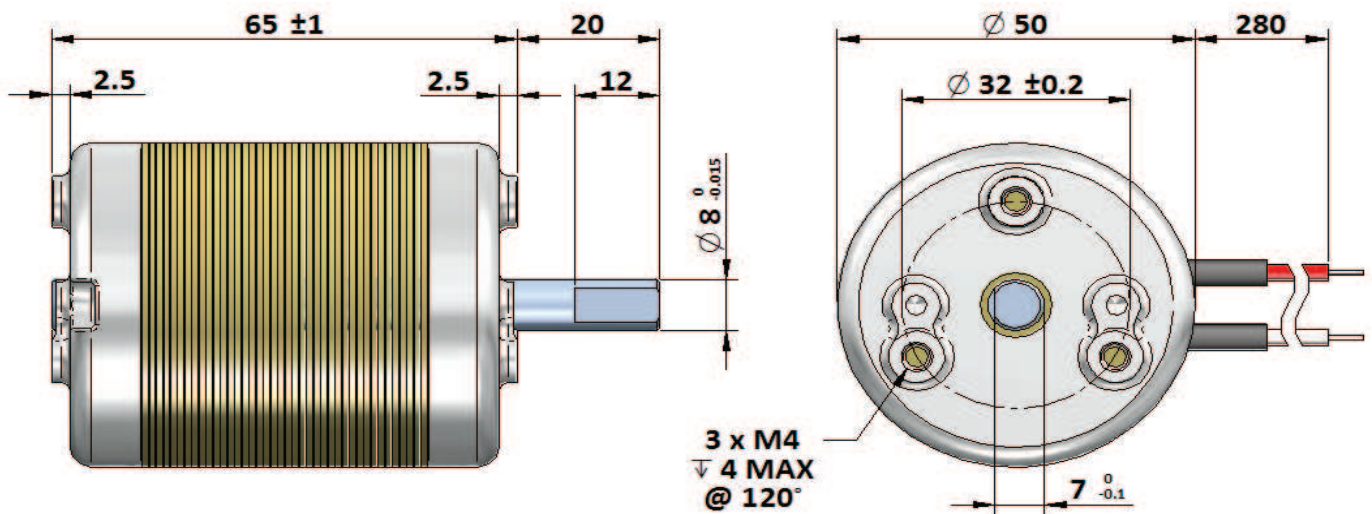




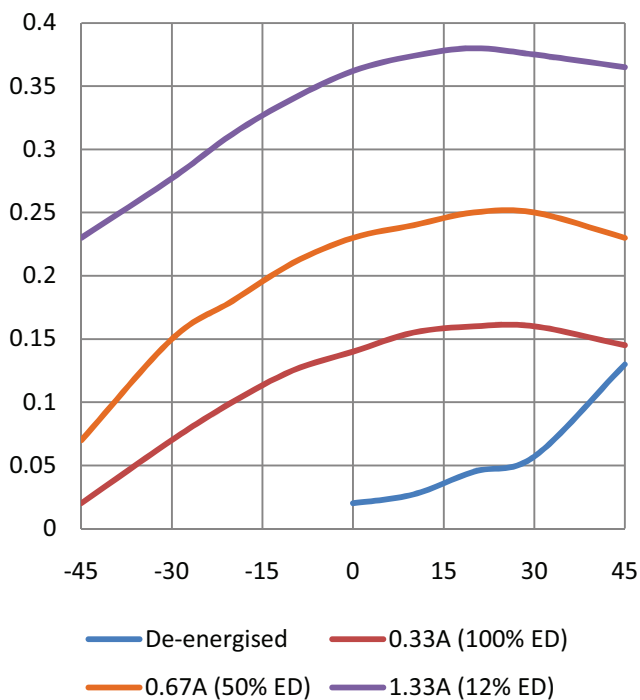
GEEPLUS

BRS5065

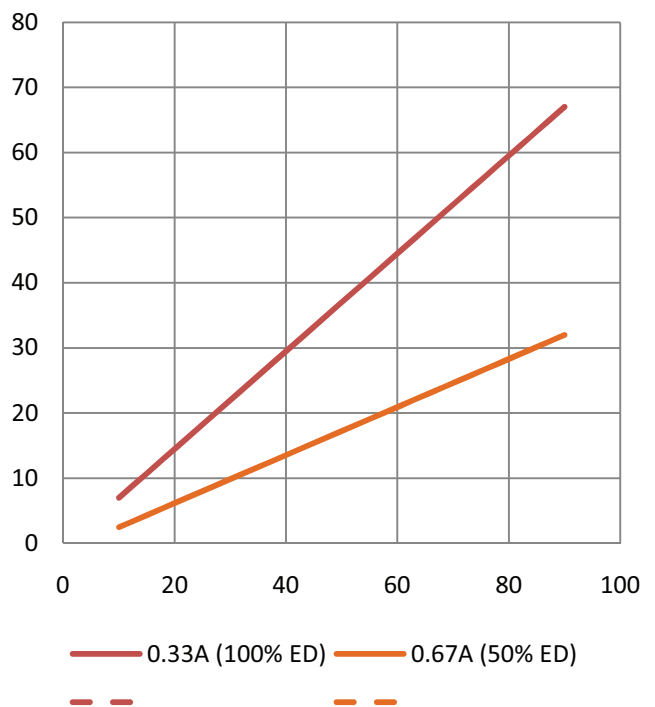
Device drawn with shaft aligned to mid position  
 Nominal 36Ω, 102mH for operation at 12V, 40%ED  
 Rotor Inertia 36 gcm<sup>2</sup>  
 Life Expectancy >10M cycles, no load, 60° rotation  
 Mass 500 grammes  
 Insulation Resistance >100MΩ, 500VDC Megger  
 Dielectric Strength 1000vAC, 50/60Hz, 1 minute  
 Class E (120°C) insulation class



Torque (Nm) vs Angle



Response (ms) vs Angle



Geeplus reserves the right to change specifications without notice

www.geeplus.biz e-mail: info@geeplus.biz