

► Hybrid stepper motor

6540-13

- Step angle..... 1.8°
- Size 42 x 42 mm
- Weight 200 g
- Holding torque ... 130/90 mNm

The hybrid stepper motor comes into its own where torque at low speed, positioning, and accuracy are determining factors.

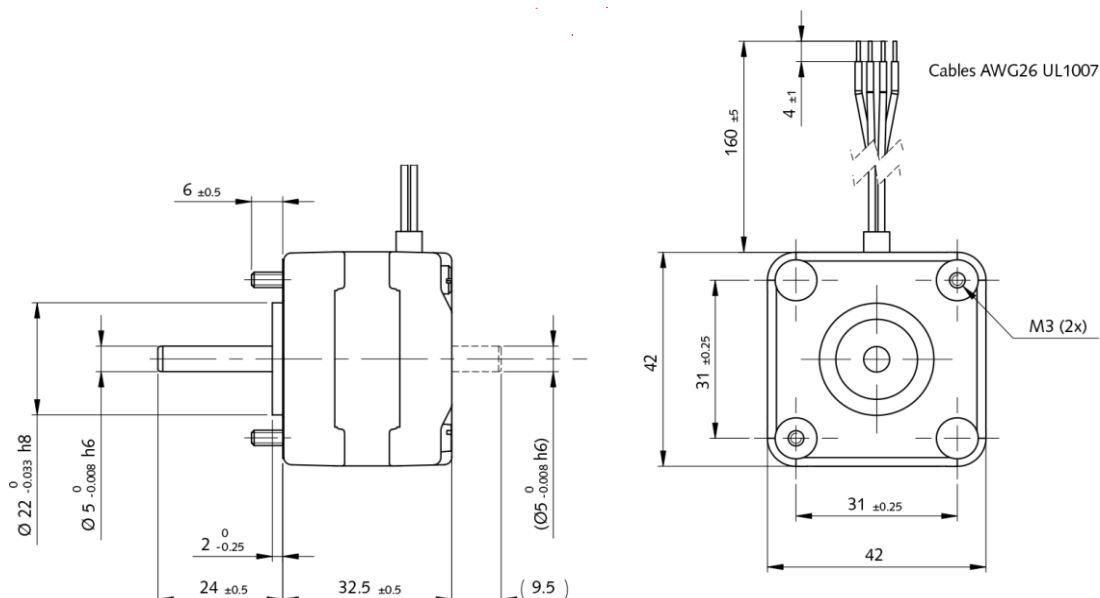
► Technical data

	Part N°	Phase resistance [Ω]	Phase inductance [mH]	Phase current [A]	Holding torque [mNm]	Nominal power [W]
Bipolar	6540-13-2-2	2	2.7	1.12	130	5
	6540-13-2-9	9	13	0.52	130	5
	6540-13-2-36	36	37	0.26	130	5
Unipolar	6540-13-4-2	2	1.5	1.12	90	5
	6540-13-4-9	9	5.6	0.52	90	5
	6540-13-4-36	36	21	0.26	90	5

Steps/rev.	200
Step accuracy	± 5%
Rotor inertia	18 gcm ²
Insulation class	B 130 °C
Protection	DIN 40050 IP 30
Test voltage	500 VAC
Detent torque	10 mNm

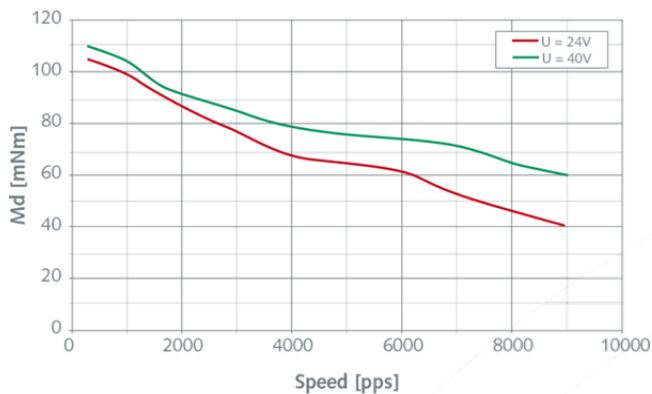
► Dimensions

Drawing not to scale. All dimensions in mm.

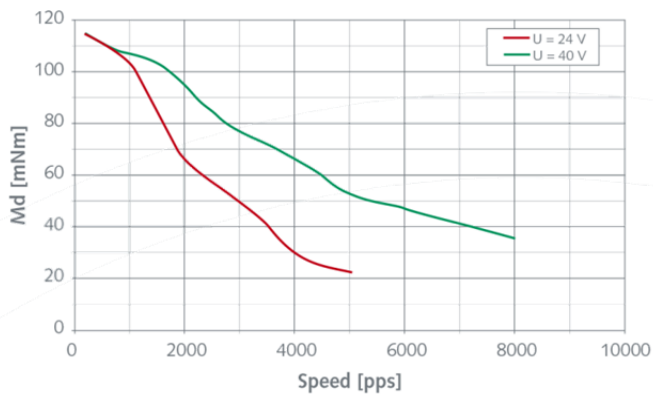


► Dynamic characteristics

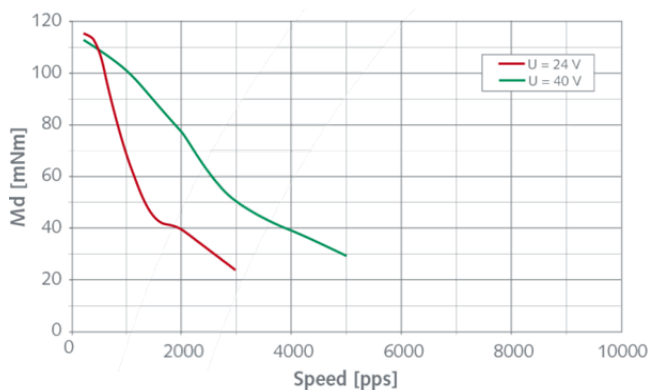
• 6540-13-2-2



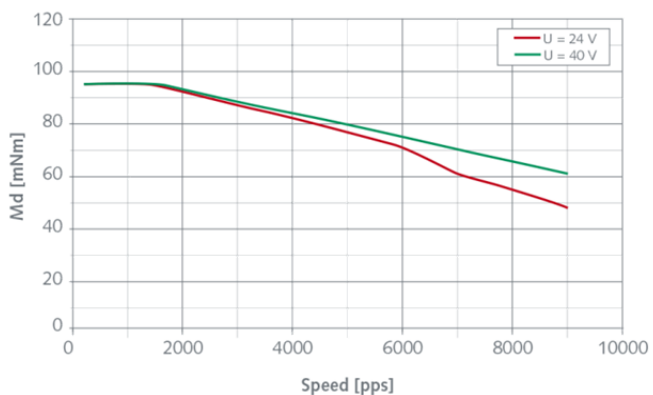
• 6540-13-2-9



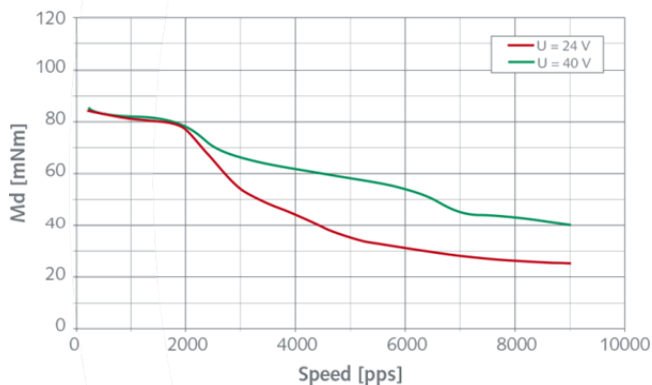
• 6540-13-2-36



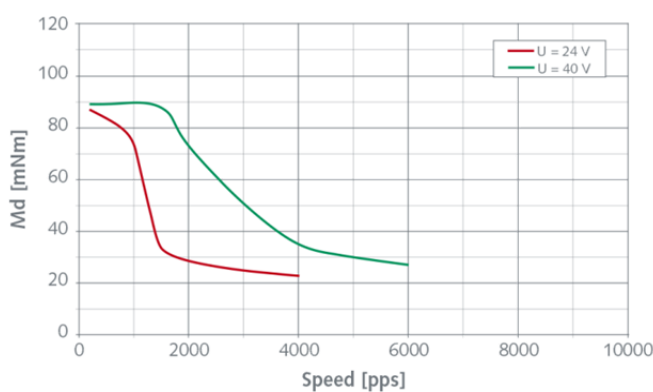
• 6540-13-4-2



• 6540-13-4-9



• 6540-13-4-36



[pps] = pulses per second

Special requirements upon customer specifications. Right to change reserved.

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SONCEBOZ SA

2605 Sonceboz – Switzerland

Tel. +41(0) 32 488 11 11

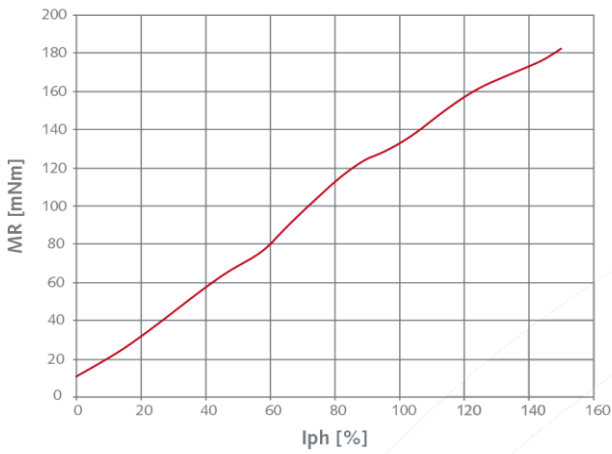
Fax +41(0) 32 488 11 00

info@sonceboz.com - www.sonceboz.com

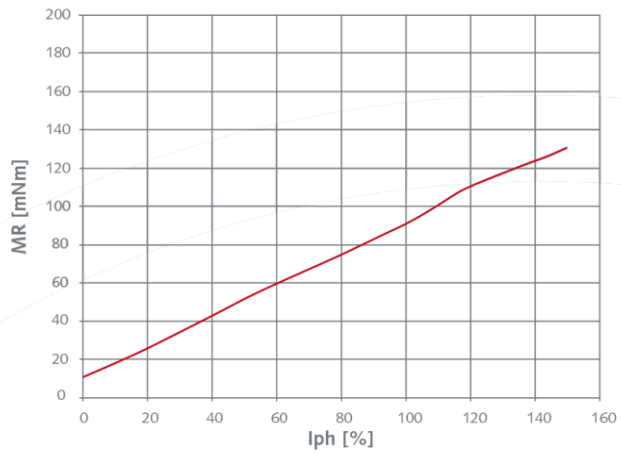


► Static characteristics

• 6540-13-2 Series

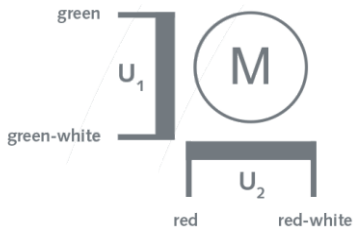


• 6540-13-4 Series

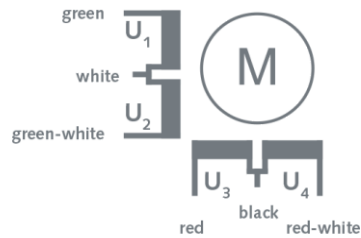


► Electrical Interface

• Bipolar



• Unipolar



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