



► Hybrid stepper motors

6600-20



ROBUSTNESS



HIGH PROTECTION DEGREES



ACCURACY

- Step angle..... 1.8°
- Size 57.2 mm
- Weight 570 g
- Holding torque ... 925/680 mNm

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

► Technical data

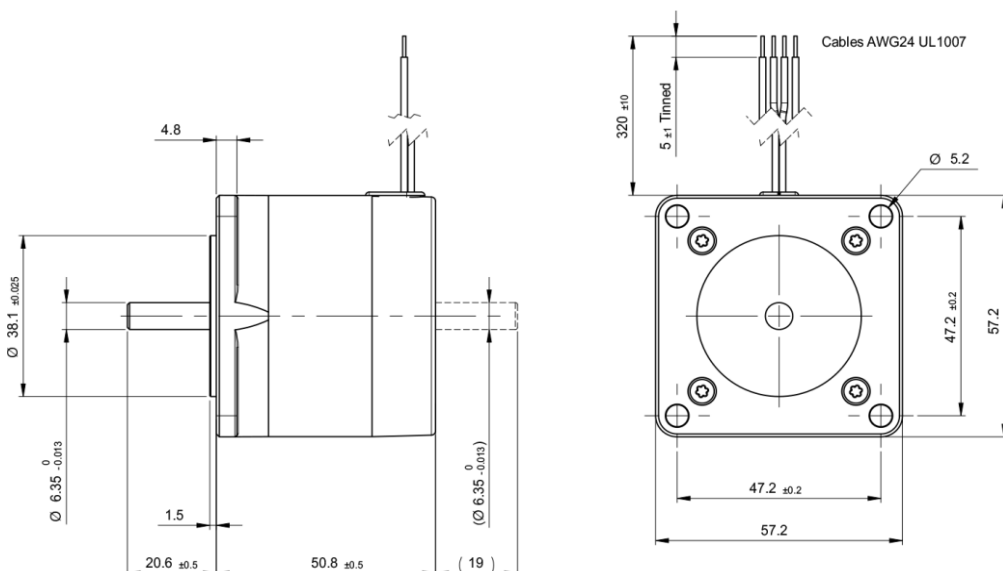
	Part N°	Phase resistance [Ω]	Phase inductance [mH]	Phase current [A]	Holding torque [mNm]	Nominal power [W]
Bipolar	6600-20-2-0.37 6600R033*	0.37	0.9	3.8	925	10.5
	6600-20-2-1.2 6600R034	1.2	3.7	2.1	925	10.5
	6600-20-2-4.8 6600R035	4.8	15	1.05	925	10.5

* 6600R088 double ended shaft

Steps/rev.	200
Step accuracy	± 5%
Rotor inertia	248 gcm²
Insulation class	B 130 °C
Protection	DIN 40050 IP 30
Test voltage	500 VAC
Detent torque	37 mNm

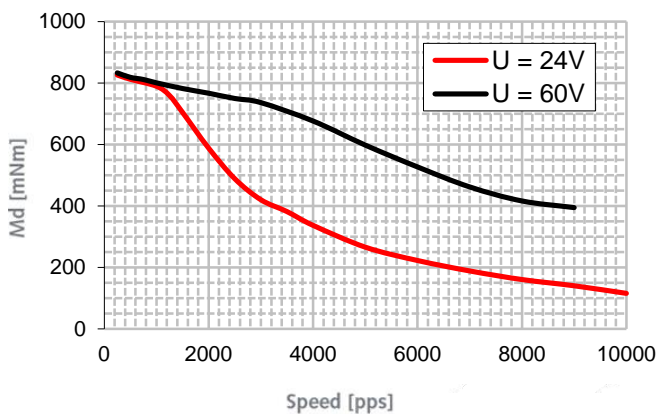
► Dimensions

Drawing not to scale. All dimensions in mm.

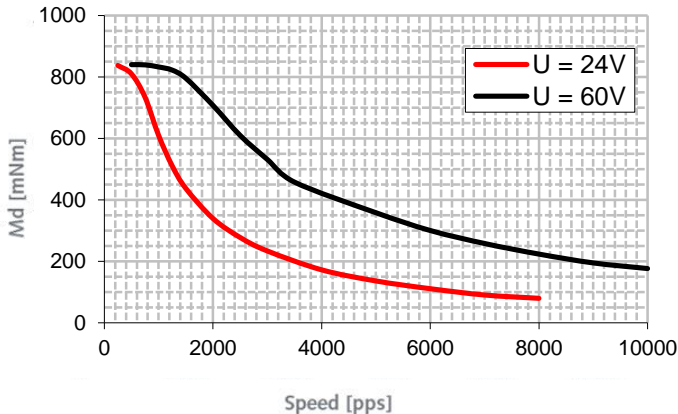


► Dynamic characteristics

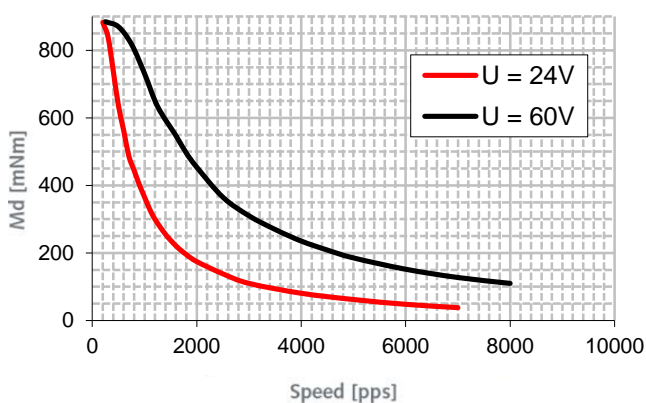
• 6600-20-2-0.37



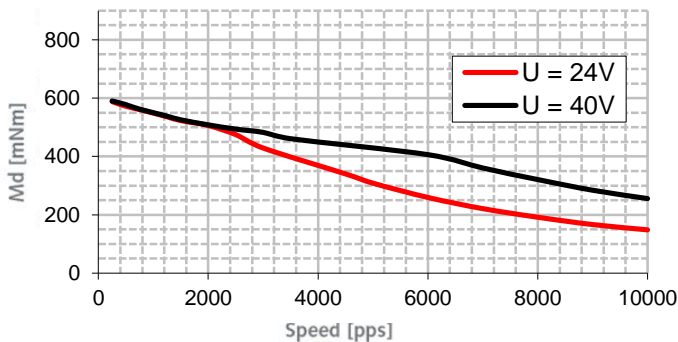
• 6600-20-2-1.2



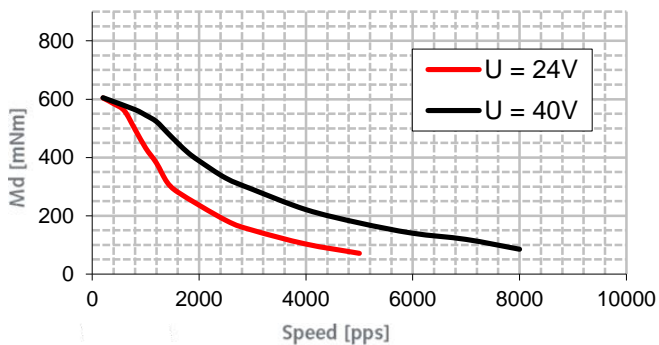
• 6600-20-2-4.8



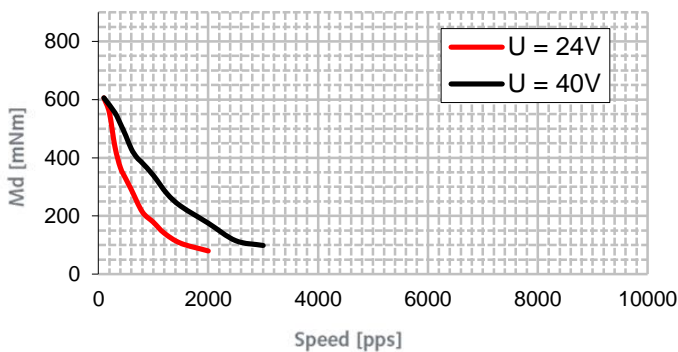
• 6600-20-4-0.37



• 6600-20-4-4.8



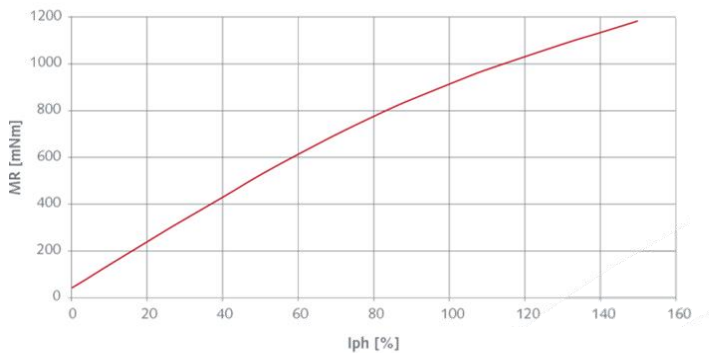
• 6600-20-4-25



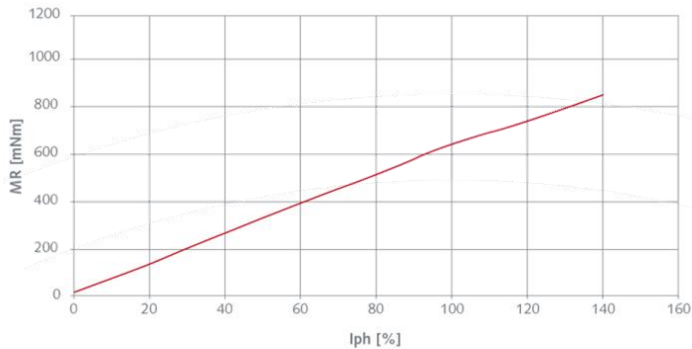
[pps] = pulses per second

► Static characteristics

• 6600-20-2 Series

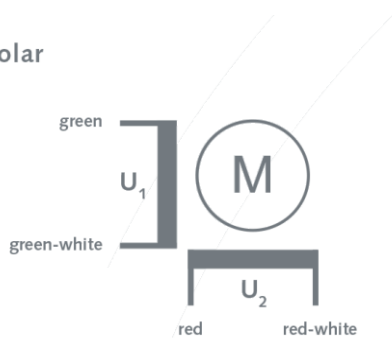


• 6600-20-4 Series



► Electrical Interface

• Bipolar



• Unipolar

