

BLDC-Motor

Type BL28S

PowerTronic



Technical data

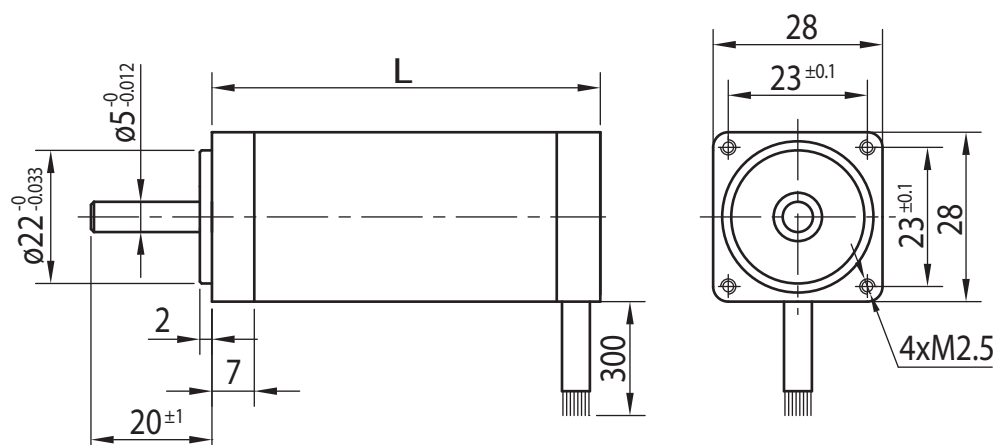
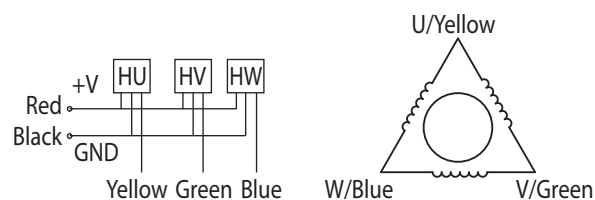
Model	BL28.46S	BL28.56S	BL28.66S
Rated Voltage (V)	24	24	24
Rated Speed (min ⁻¹)	4000	4000	4000
Rated Torque (Ncm)	3	4.5	6
Rated Power (W)	12.5	18.8	25
Rated Current (A)	0.7	0.9	1.3
Peak Current (A)	2.1	2.7	3.9
Peak Torque (Ncm)	9	13	18
Rotor Inertia (gcm ²)	10	20	30
Torque Constant (Ncm/A)	4	4	4
Back EMF (V/min ⁻¹)	4.5	5.2	4.2
Resistance (Ω)	1.9	2.5	3.4
Inductance (mH)	0.9	1.1	1.3
Length (mm)	46	56	66
Net Weight (kg)	0.22	0.38	0.55
No. of Poles	8		
No. of Phases	3		
Insulation Class	B		

Rel. Humidity: 20 bis 85% | Ambient Temp.: -20 bis +50 °C

Connections

UL1007 AWG26	
Red	Vcc
Yellow	Ha
Green	Hb
Blue	Hc
Black	GND

UL3266 AWG22	
Yellow	U
Green	V
Blue	W



Options

Encoder	Special Shaft
Rear Shaft	Special Voltage
Connector	Insulation Class F/H