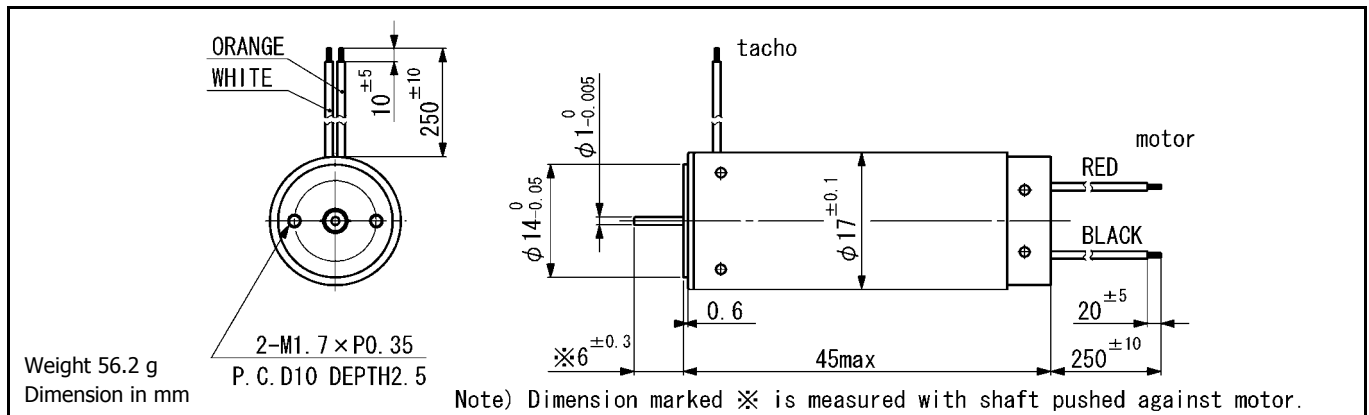


SCL17-44

Precious metal commutation



For combination with gearhead: SSG15

Ordering number				SCL17-4409T
Nominal voltage				6 V
Terminal resistance				9.4 Ω
Output power				0.94 W
No-load speed				6460 rpm
No-load current				8 mA
Stall torque				5.57 mNm
Friction torque				0.07 mNm
Back-EMF constant				0.92 mV/rpm
Torque constant				8.84 mNm/A
Motor coil inductance				0.11 mH
Rotor inertia				1.12 gcm ²

Continuous operation

Max. recommended speed				5100 rpm
Max. recommended torque				2.78 mNm

Tachogenerator

EMF constant		0.7		mV/rpm
Recommended min. load resistance		10		kΩ
Terminal resistance		48		Ω
Max. ripple peak to peak		3		%

General specifications

Operating temperature		-20...60		°C
Max. coil temperature		80		°C
Shaft bearing		Sleeve bearings		
Max. shaft radial load		0.5 (5 mm)		N
Max. shaft axial load		0.15		N
Max. axial load at standstill		7.8		N
Shaft radial play		0.05		mm
Shaft axial play		0.03...0.2		mm