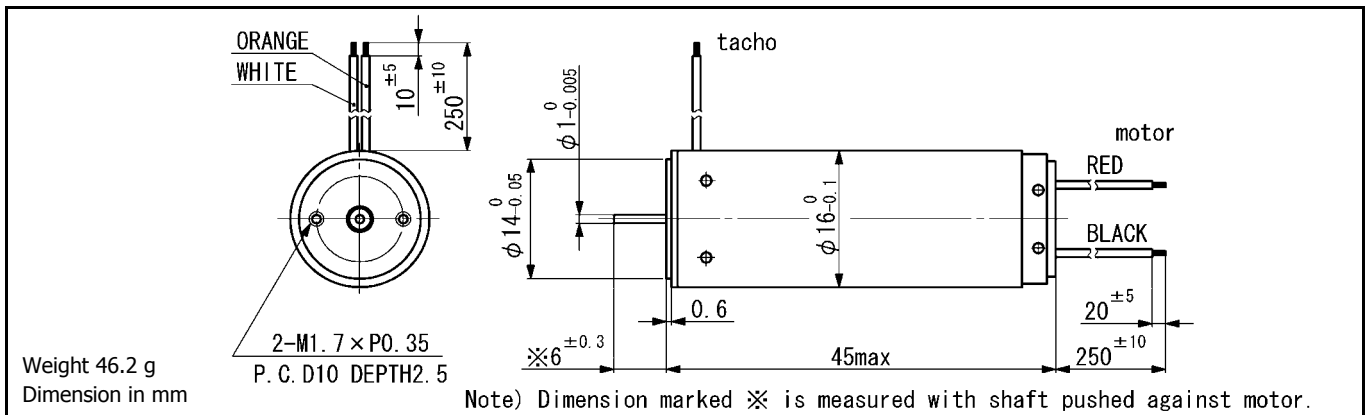


SCL16-44

Precious metal commutation



For combination with gearhead: SSG15

Ordering number		SCL16-4428T	SCL16-4464T
Nominal voltage		6	12 V
Terminal resistance		27.6	64 Ω
Output power		0.31	0.54 W
No-load speed		4400	5900 rpm
No-load current		5	4 mA
Stall torque		2.7	3.49 mNm
Friction torque		0.06	0.08 mNm
Back-EMF constant		1.33	1.99 mV/rpm
Torque constant		12.7	19 mNm/A
Motor coil inductance		0.13	1 mH
Rotor inertia		0.8	0.87 gcm ²

Continuous operation

Max. recommended speed		3500	4700 rpm
Max. recommended torque		1.35	1.74 mNm

Tachogenerator

EMF constant	1.2	mV/rpm
Recommended min. load resistance	10	kΩ
Terminal resistance	130	Ω
Max. ripple peak to peak	2	%

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