

Type REH 2840



- Over (20) different types available.
- Best angular accuracy and repeatability.
- Industry leading warranty and support.

MECHANICAL SPECIFICATIONS

Shaft loading:

0.1200" shaft: 2 lbs. radial/1 lbs. axial maximum shaft loading

Bearing life rated at 2×10^9 revolutions minimum at maximum shaft load.

Starting torque:

0.08 oz. in @25° C

Moment of inertia:

0.51×10^{-4} oz-in-sec²

Weight:

0.25 lbs.

Wiring information:

R1: Red with White Stripe
R2: Black with White Stripe*
S1: Red
S3: Black
S2: Yellow
S4: Blue

R1-R2: Reference Winding

S1-S3: Sine Winding

S2-S4: Cosine Winding

*Note: Some resolver manufacturers use a Yellow wire with a White Stripe for the R2 signal.

ENVIRONMENTAL SPECIFICATIONS

Operating temperature:

-20° C to 125°

Shock:

50 G's for 11 mSec

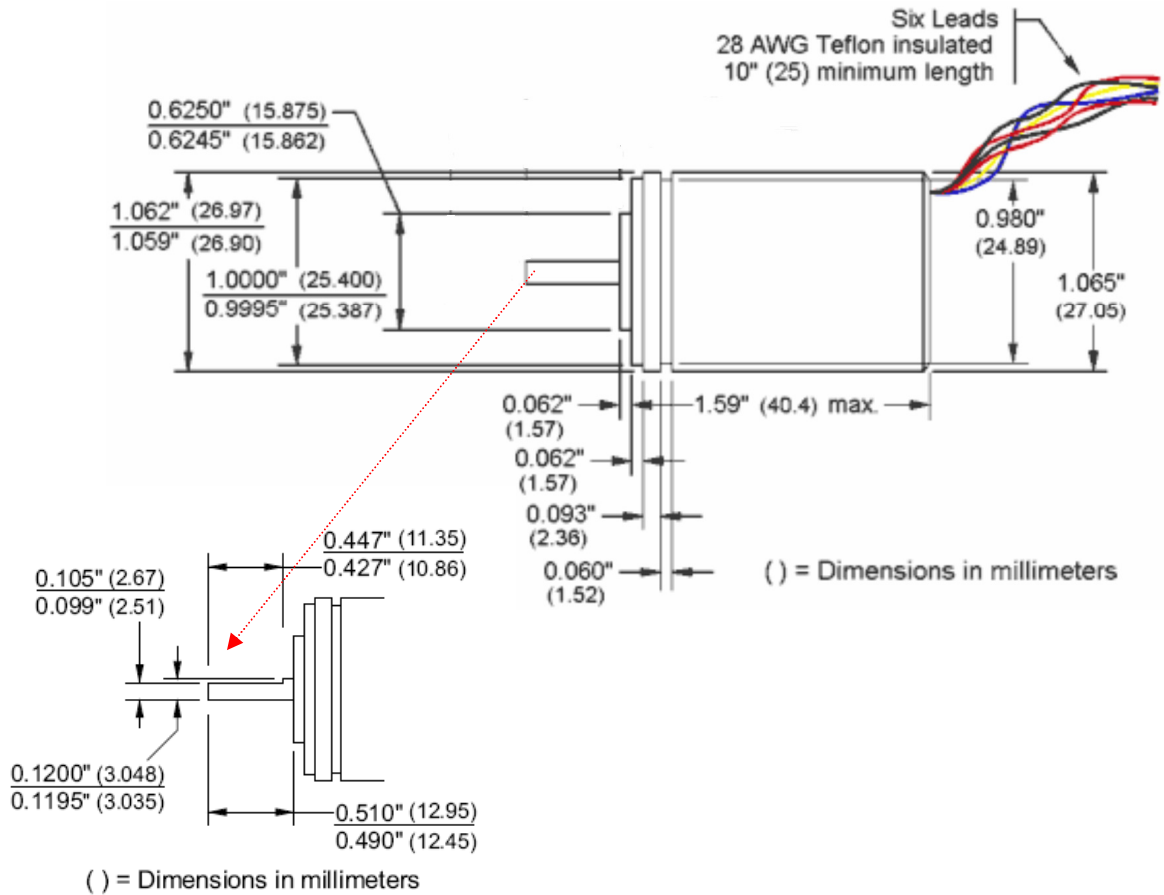
Vibration:

15 g's to 2,000 Hz

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Family Model	Speed*	Primary Winding	Accuracy ± Arc-Min	Input Voltage (Vrms)	Frequency (Hz)	Maximum Input Current (ma)	Transformation Ratio (Vout/Vin) ± 10%	Phase Shift (degrees)	Total Null Voltage (mV)
REH 2840.1	1	Rotor	7	7.5	4,000	13.5	0.54	-2	20
REH 2840.2	1	Stator	7	12.0	2,500	3.1	0.50	-2	30

Outline drawing



Bestelltext Typ	How to order Type	Potentiometer mit Endschalter REH.2840.X
Bestellschlüssel	Order key	REH.2840.X
Serie	Serie _____	
Frequenz	Frequency 1= 4000Hz 2= 2500Hz	