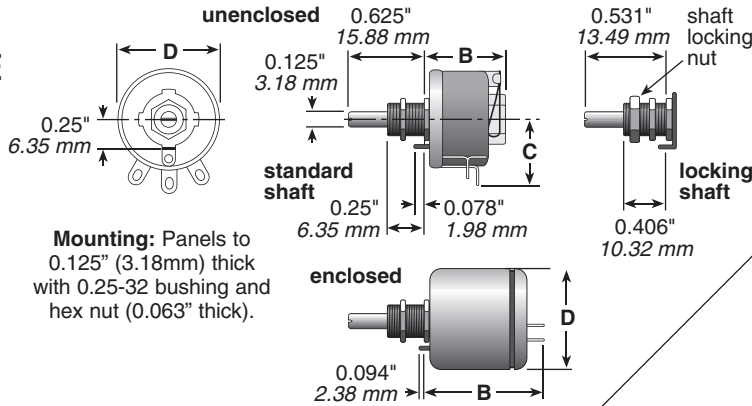


Rheostats

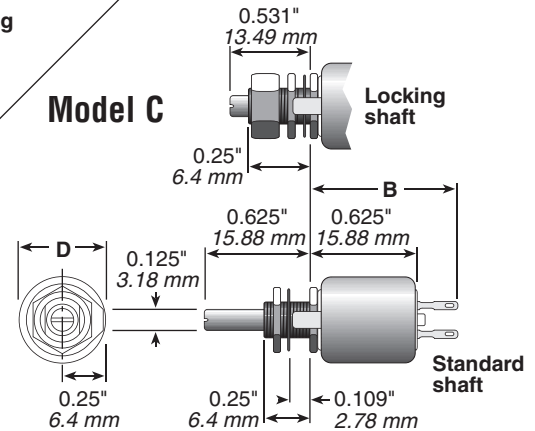
(Potentiometers) Wirewound

See page 78 for knobs, dials, and other hardware

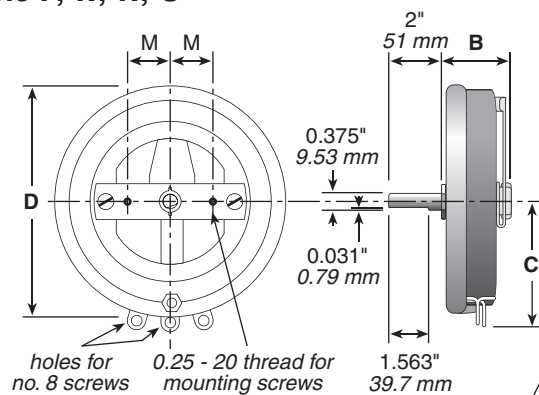
Model E



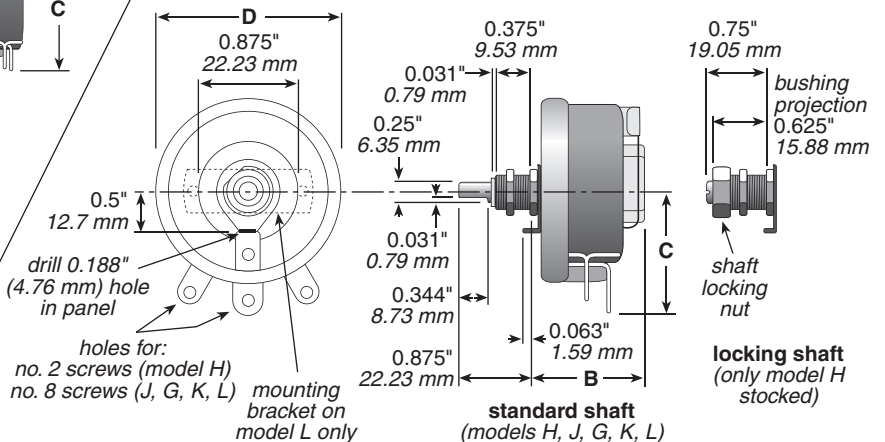
Model C



Models P, N, R, U



Models H, J, G, K, L



Dimensions for reference only; consult factory for details.

Since all rheostats/potentiometers are electro-mechanical devices, they are subject to mechanical wear and, therefore, have a finite life.

Model	Type	Watts	Ohmic range	Core	Voltage (RMS)	Behind panel "B" (In./mm)	Diameter "D" (In./mm)	Dimension "C" (In./mm)	Shaft torque	Rotation (±5°)
E	RES/REL	12.5	1.0-15K	open	305	0.688/17.46	0.875/ 22.23	0.594/15.08	1-6 oz. in.	300°
H	RHS/RHL	25	1.0-25K	open	500	1.375/34.93	1.560/ 39.62	0.940/23.88	0.25-0.5 lb. in.	300°
J	RJS	50	0.5-50K	open	750	1.375/34.93	2.31 / 58.67	1.56 / 39.62	0.25-2 lb. in.	300°
G	RGS	75	0.5-50K	open	900	1.750/44.45	2.75 / 69.25	1.78 / 45.21	0.5-2 lb. in.	300°
K	RKS	100	0.5-50K	open	1000	1.750/44.45	3.125/ 79.38	1.91 / 48.51	0.5-2 lb. in.	300°
L	RLS	150	0.5-50K	open	1200	2.000 / 50.8	4.00 / 101.60	2.28 / 57.91	0.5-3 lb. in.	300°
P	RPS	225	1.0-30K	open	1300	2.125/53.98	5.00 / 127.00	2.97 / 75.44	2.5-4 lb. in.	310°
N	RNS	300	1.0-50K	open	1225	2.375/60.33	6.00 / 152.40	3.44 / 87.38	2.5-5 lb. in.	320°
R	RRS	500	1.0-20K	open	1450	2.125/53.98	8.00 / 203.20	4.31/109.47	4.5-7 lb. in.	325°
U	RUS	1000	1.0-20K	open	1600	3.000 / 76.2	12.00 / 304.80	6.38/162.05	3.5-7 lb. in.	335°
C	RCS/RCL	7.5	10.0-5K	enclosed	305	0.875/22.23	0.515/ 13.08	—	0.25-3 oz. in.	300°
E	REE	12.5	1.0-15K	enclosed	305	1.219/30.96	1.047/ 26.59	—	1-6 oz. in.	300°

- Models H, J, G, and K also available in enclosed versions.
- See Catalog #203 for complete details.
- RoHS compliant product available Jan. 2006 Add "E" suffix to part number to specify.
- Made-to-order rheostats available: Contact nearest Ohmite sales office.

STOCK PART NUMBERS FOR STANDARD RESISTANCE VALUES

Ohmic value	Part No. Prefix Suffix	7.5W Model C			12.5W Model E			25W Model H			50W Model J	75W Model G	100W Model K	150W Model L	225W Model P	300W Model N	500W Model R	1000W Model U	
		RCS Std. shaft Locking	RCL Locking	Amps max.	RES Std. shaft Locking	REL Locking	REE Enclosed	Amps max.	RHS Std. shaft Locking	RHL Locking	Amps max.	RJS Amps max.	RGS Amps max.	RKS Amps max.	RLS Amps max.	RPS Amps max.	RNS Amps max.	RRS Amps max.	RUS Amps max.
0.5 —R50											✓ 10.0	✦ 12.3	✦ 14.1	✦ 17.3					
1 —1R0					✦ 3.53			✓ 5.00	✓ 7.07		✦ 8.66	✦ 10	✦ 12.3	✦ 15.0	✦ 17.32	✦ 22.3	✦ 31.6		
1.5 —1R5																	✦ 18.2	✦ 25.8	
2 —2R0					✓ 2.50			✓ 3.54	✓ 5.00		✦ 6.12	✦ 7.07	✦ 8.65	✦ 10.6	✦ 12.24	✦ 15.8	✦ 22.4		
2.5 —2R5					✦ 2.24											✦ 14.1	✦ 20.0		
3 —3R0					✦ 2.04			✦ 2.88				✦ 5.00	✦ 5.75	✦ 7.07	✦ 8.66	✦ 10.00	✦ 12.9	✦ 18.3	
4 —4R0									✓ 3.53			✦ 3.88	✦ 4.47	✦ 5.48	✦ 7.50	✦ 8.66	✦ 11.2	✦ 15.8	
5 —5R0					✦ 1.58									✦ 5.48	✦ 6.71	✦ 7.75	✦ 10.0	✦ 14.1	
6 —6R0					✦ 1.44			✦ 2.04	✦ 2.88										
7.5 —7R5												✦ 3.16	✦ 3.65	✦ 4.47	✦ 5.49	✦ 6.32			
8 —8R0					✦ 1.25			✓ 1.77	✓ 2.50								✦ 7.90	✦ 11.2	
10 —10R	✦ 0.86				✓ 1.12			✦ 1.58				✦ 2.74	✦ 3.16	✦ 3.88	✦ 4.74	✦ 5.48		✦ 10.0	
12 —12R									✓ 2.04										
12.5 —12R5																	✦ 6.30	✦ 8.95	
15 —15R	✦ 0.71				✦ 0.91			✦ 1.29						✦ 3.163	✦ 3.87	✦ 4.47			
16 —16R									✓ 1.76			✦ 2.17	✓ 2.50				✦ 5.60	✦ 7.90	
22 —22R									✓ 1.50										
25 —25R	✦ 0.55				✦ 0.71			✦ 1.00				✦ 1.73	✦ 2.0	✦ 2.450	✦ 3.00	✦ 3.46	✦ 4.47	✦ 6.33	
35 —35R	✦ 0.46				✓ 0.60			✦ 0.845	✦ 1.19					✦ 2.070					
40 —40R																	✦ 3.54		
50 —50R	✦ 0.39				✓ 0.50			✦ 0.707	✦ 1.00			✦ 1.23	✦ 1.41	✦ 1.735	✦ 2.12	✦ 2.45	✦ 3.16	✦ 4.47	
75 —75R	✦ 0.32				✦ 0.40			✦ 0.575				✦ 1.00	✦ 1.15	✦ 1.415	✦ 1.73	✦ 2.00		✦ 3.65	
80 —80R									✓ 0.790								✦ 2.52		
100 —100	✦ 0.27				✦ 0.36			✦ 0.500				✦ 0.866	✦ 1.00	✦ 1.225	✦ 1.50	✦ 1.73		✦ 3.16	
125 —125					✓ 0.32			✓ 0.445	✦ 0.630								✦ 2.00		
150 —150	✦ 0.22				✦ 0.29				✦ 0.575					✦ 1.000	✦ 1.22	✦ 1.41			
160 —160																			
175 —175					✓ 0.27			✓ 0.375									✦ 1.69	✦ 2.39	
200 —200	✦ 0.19				✦ 0.25							✦ 0.612	✦ 0.707	✦ 0.865	✦ 1.06	✦ 1.22			
225 —225									✦ 0.470									✦ 2.11	
250 —250	✦ 0.17				✦ 0.22			✦ 0.316						✦ 0.775			✦ 1.41		
300 —300									✓ 0.408			✦ 0.500	✦ 0.575		✦ 0.866	✦ 1.00		✦ 1.83	
325 —325																	✦ 1.24		
350 —350	✦ 0.15				✓ 0.19			✓ 0.267				✦ 0.433	✦ 0.500	✦ 0.655					