Post Glover Resistors

Edgewound, Wirewound & Smoothwound Resistors

Post Glover's Wound Resistor Elements are designed and built to meet the most demanding mechanical and electrical requirements in the industry. All are constructed of corrosion resistant resistor grade alloys wound around a porcelain core for thermal and electrical insulation. UL Recognition or CSA Certification is available for specific ratings; contact your Post Glover representative with application details for more information.

Applications

Post Glover's Wound Resistor Elements are an excellent choice where lower current and higher resistance are the determining criteria. Some typical applications include:

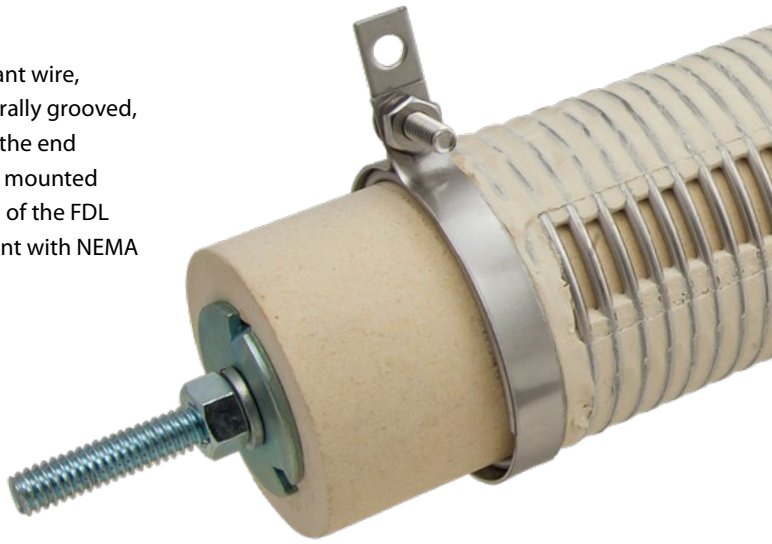
- Dynamic Braking of VFD controlled motors
- Overhead crane and hoist control
- Starting and speed regulation of wound rotor motors
- Low current neutral grounding
- Elevator control
- Load Banks

Edgewound

Post Glover's Edgewound Resistors are constructed of flat stainless steel electrical alloy, wound helically on porcelain cores. Welded terminals at both ends of the resistor provide the means of connection and terminations. Post Glover special porcelain cores are designed for through bolt or flat bar frame mounting.

Wirewound

Post Glover's FDL Series Wirewound Power Resistors feature corrosion resistant wire, helically wound into a long spring-like coil. The coil is then wound onto a spirally grooved, porcelain core, where each end of the wire is fitted to a terminal clamped to the end of the core. The resistors are typically assembled on a though-bolt, and then mounted between "L" brackets or on endframes. The electrically efficient construction of the FDL element allows the highest possible wattage ratings per linear inch, consistent with NEMA standards performance.



Smoothwound

Post Glover's Smoothwound Resistors are constructed of a nichrome or stainless steel wire alloy wound on a porcelain tube. The element is then coated with a refractory cement to aid in dissipating heat, elevating the permissible watt rating. Smoothwound resistors are available in through bolt or flat bar mounting arrangements.

RoHS

Post Glover™
"The Resistor Specialists"

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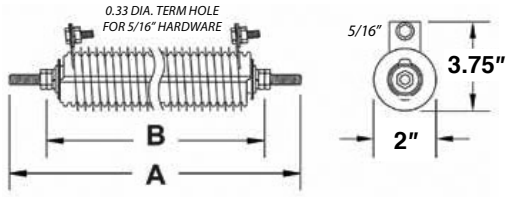
Edgewound Resistors

	RESISTANCE							
AMPS	SIZE 2	SIZE 3	SIZE 4	SIZE 5	SIZE 6	SIZE 7	SIZE 8	SIZE 9
18	0.76	1.18	1.61	2.04	2.46	2.89	3.32	3.74
22	0.66	1.04	1.41	1.78	2.16	2.53	2.90	3.28
25	0.42	0.66	0.90	1.13	1.37	1.61	1.84	2.08
30	0.32	0.49	0.67	0.85	1.03	1.21	1.38	1.56
35	0.26	0.41	0.56	0.70	0.85	1.00	1.15	1.29
45	0.18	0.29	0.39	0.49	0.59	0.70	0.80	0.90
50	0.14	0.22	0.30	0.38	0.46	0.54	0.61	0.69
60	0.11	0.18	0.24	0.31	0.37	0.43	0.50	0.56

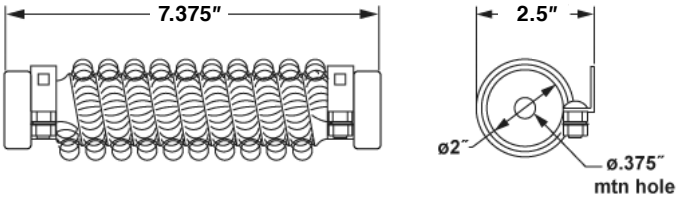
Ratings listed above are general. More refined ratings are available upon quotation of specific applications.



SIZE	A	B
2	9.375	7
3	12.375	10
4	15.375	13
5	18.375	16
6	21.375	19
7	24.375	22
8	27.375	25
9	30.375	28

Dimensions in inches.

Wirewound Resistors



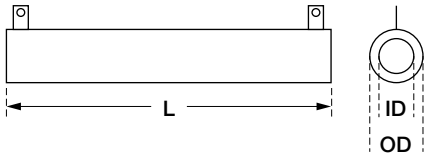
AMPS	RESISTANCE
1.8	79.0
2.8	40.0
4.5	20.5
7.4	6.8
6.7	9.5
9.2	4.6
11.7	2.7
13.8	1.8
21.2	0.8
26.3	0.5

Ratings listed above are general. More refined ratings are available upon quotation of specific applications.

Smoothwound Resistors

	RESISTANCE				
AMPS	SIZE 2	SIZE 3	SIZE 4	SIZE 5	SIZE 6
1.0	307	458	605	739	913
1.1	246	381	492	609	747
1.25	197	295	388	471	586
1.4	157	233	308	375	464
1.55	120	193	250	307	378
1.75	98	150	198	241	306
2.0	77	110	150	184	230
2.5	48	75	96	117	148
3.0	34	49	65	79	99
4.0	13	23	34	44	55
6.0	8.4	12	16	20	24
10	2.3	4.5	5.9	7.3	9.1
16	0.9	1.6	2.3	3.1	3.8

Ratings listed above are general. More refined ratings are available upon quotation of specific applications.



SIZE	L	OD	ID
2	6	2	1.25
3	9	2	1.25
4	12	2	1.25
5	15	2	1.25
6	18	2	1.25

Dimensions in inches.

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Serving the Electrical Industry Since 1892

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