

## How to Identify an Electrolift Hoist Brake

There are two sizes of standard Electrolift hoist brakes. The type of brake can be determined from the diameter and number of brake discs. Measure the overall diameter of the brake cover to determine the size. This diameter will determine the frame size of the brake. Remove the four (4) nuts and sealing washers to remove the cover. Locate and count the number of rotating discs in the brake. Identify the part number on the coil. Use the coil identification chart to determine the correct part number and type of coil. All brakes shown are 'package brakes'. 'Integral brakes' have studs that are threaded directly into the motor.



<u>Brake Size</u>	<u>Diameter (in.)</u>
180	7 3/4
210	9 1/2

**210 and 180 Standard Electrolift Brakes**

(1) Rotating Disc

### Single Disc Brake

Motor Side →

(2) Rotating Discs

### Double Disc Brake

Motor Side →

(3) Rotating Discs

### Triple Disc Brake

Motor Side →

## Coil Identification Chart

Coil Part Number  
(see chart)



Motor Side



**Standard Electrolift Brake**

<u>Coil Part Number</u>	<u>Electrolift Part Number</u>	<u>Voltage</u>	<u>Resistance* (Ohms)</u>	<u>Type</u>	<u>Availability</u>
18001	DE151	110V AC	5	Standard	Yes
18002	DE151P1	230V AC	20	Standard	Yes
18002E	DE151P1E	230V AC	20	Epoxy	Obsolete
18002H	DE151P34	230V AC	21	Class H	Yes
18004	DE151P2	460V AC	80	Standard	Yes
18004E	DE151P2E	460V AC	80	Epoxy	Obsolete
18004H	DE151P33	460V AC	80	Class H	Yes
18005	DE151P3	575V AC	125	Standard	Yes
18005E	DE151P3E	575V AC	125	Epoxy	Obsolete
18011	DE151P4	110V DC	.7	Standard	Yes
18062	DE151P42	230V AC	30	Standard	Yes
18066	DE151P39	550V AC	-	Standard	Yes
18071	DE151P5	230V DC	-	Standard	Yes
18072	DE151P6	230V DC	-	Standard	Yes
18096	DE151P7	415V AC	90	Standard	Yes
18097	DE151P8	480V AC	-	Standard	Yes
18098	DE151P32	200V AC	15	Standard	Obsolete
18098	DE151P9	200V AC	15	Standard	Yes
21001	DE151P10	110V AC	2.2	Standard	Yes
21002	DE151P11	230V AC	9	Standard	Yes
21004	DE151P12	460V AC	36	Standard	Yes
21004E	DE151P12E	460V AC	36	Epoxy	Obsolete
21005	DE151P13	575V AC	56.5	Standard	Yes
21005E	DE151P13E	575V AC	56.5	Epoxy	Obsolete
21008	DE151P38	380V AC	23	Standard	Yes
21043	DE151P43	220V AC	13	Standard	Yes
21044	DE151P14	440V AC	36	Standard	Yes
21045	DE151P15	550V AC	56.5	Standard	Yes
21047	DE151P16	240V DC	-	Standard	Yes
21052	DE151P37	220V AC	11	Standard	Yes
21053	DE151P41	230V AC	-	Standard	Yes
21054	DE151P17	400/415V AC	-	Standard	Yes
21056	DE151P40	440V AC	-	Standard	Yes
21071	DE151P18	115V DC	.2	Standard	Yes
21072	DE151P19	230V DC	.8	Standard	Yes
21082	DE151P20	230V AC	9	Class H	Yes
21087	DE151P21	480V AC	-	Standard	Yes
21087E	DE151P21E	480V AC	-	Epoxy	Obsolete
21088	DE151P22	380V AC	27	Standard	Yes
21088E	DE151P22E	380V AC	27	Epoxy	Obsolete
21089	DE151P23	200V AC	6	Standard	Yes
21089E	DE151P23E	200V AC	6	Epoxy	Obsolete
276-2	DE151P24	460V AC	35	Class H	Yes
276-2E	DE151P35E	460V AC	35	Cl. H, Epoxy	Obsolete
276-4	DE151P25	230V AC	8	Class H	Yes
276-4E	DE151P36E	230V AC	8	Cl. H, Epoxy	Obsolete
276-87	DE151P27	480V AC	-	Class H	Yes
276-89	DE151P28	200V AC	-	Class H	Yes
276-9	DE151P26	575V AC	54	Class H	Yes

\*Resistance values shown are for two (2) coils in series.  
Measured values can be +/-10% of resistance shown on chart