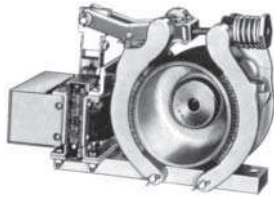


511 ac and dc Brakes

Originally a Cutler-Hammer Product



Size 4-Inch Brake and Wheel

Product Description

Cutler-Hammer Type S Brakes are field-proven ac/dc brakes. For applications up to 1800 rpm/50 hp. Precision holding and stopping in 4, 5.5, 7 and 10-inch wheel sizes. With 15 standard bore sizes — straight or tapered, non-asbestos linings and off-the-shelf availability, electrically released and spring applied providing “fail-safe” operation.

The retarding torque developed is directly proportional to the spring pressure.

Typical applications include conveyors, machine tools, printing presses, small cranes, overhead doors, dumb waiters, vacuum molding machines and carnival rides.

Product History Time Line

Types	1934	1940	1950	1960	1970	1980	1990	2000	Present
4-inch Small Solenoid									
4-inch Large Solenoid									
5-1/2-inch Old Style									
5-1/2-inch Updated									
7-inch									
7-inch High Torque									
8-1/2-inch									
10-inch									

Figure 13-16. Product History Time Line for 511 ac and dc Brakes

Replacement Capabilities

Table 13-62. Renewal Parts for Cat. No. 511 Shoe Brakes ①

Description	Part Numbers					
	4-Inch Brake	5-1/2-Inch Brake	7-Inch Brake	8-1/2-Inch Brake	10-Inch Brake	12-Inch Brake
	3, 10 and 15 Lb. Torque	25 and 35 Lb. Torque	50 and 75 Lb. Torque	85 and 110 Lb. Torque	125 Lb. Torque	160 Lb. Torque
Magnet Coils	Coil Suffix					
120 V, 60 Hz	-39	9-591-9	9-585-9	9-941-20	9-941-8	9-758-36
110 V, 50 Hz	-5	9-591-9	9-585-9	9-585-9	9-941-39	9-758-26
120/110 V, 50/60 Hz	-66	9-591-9	9-585-9	—	—	—
208 V, 60 Hz	-45	9-591-16	9-585-33	9-941-35	9-941-45	9-758-30
208/240 V, 50/60 Hz	-50	9-591-3	—	—	—	—
240 V, 60 Hz	-40	9-591-10	9-585-10	9-941-15	9-941-4	9-758-2
220/240 V, 50/60 Hz	-67	9-591-10	9-585-10	—	—	—
480 V, 60 Hz	-41	9-591-11	9-585-16	9-941-12	9-941-6	9-758-4
440/480 V, 50/60 Hz	-70	9-591-11	—	—	—	—
600 V, 60 Hz	-58	9-591-12	9-585-26	9-941-32	9-941-25	9-758-13
550/600 V, 50/60 Hz	-71	9-591-12	—	—	—	—
220 V, 50 Hz	-6	9-591-10	9-585-10	9-585-10	9-941-29	9-758-6
380 V, 50 Hz	-7	9-591-13	9-585-5	9-585-5	9-941-30	9-758-4
440 V, 50 Hz	-8	9-591-11	9-585-11	9-585-11	9-941-3	9-758-7
550 V, 50 Hz	-9	9-591-12	9-585-12	9-585-12	9-941-41	9-758-27
120 Vdc	-97	9-1346-3	9-1347-10	9-1347-10	9-1347-12	—
240 Vdc	-98	9-1346-4	9-1347-11	9-1347-11	9-1347-13	—
Lining Kit with Rivets ③	6-166	6-166-2	6-166-5	6-166-5	6-166-5	6-166-4
Shoe with Lining	48-306 ④	48-1787 ④	48-1200-3 ④	48-1200-3 ④	48-1200-3 ④	24-2146-3 Inner ④ 24-2146-4 Outer ④
Solenoid without Coil ac dc	88-1553-8 88-521-6	88-2930-4 88-521-5	88-1342-11 88-521-5	88-1342-11 88-521-5	17-17199 —	—
RP Publication Number	19320 AC 13864 DC	17377 AC 17378 DC	15475 AC 15477 DC	15475 AC 15477 DC	17379 —	—

① Parts listed are for current line of 511 brakes.

② Refer to Namco Inc. 800-626-8324.

③ Kit contains 2 linings and rivets for one brake.

④ Part number covers one shoe only.

Technology Upgrades

This product currently listed in **Section 33** of the *Electrical Control Products and Services Catalog*.