

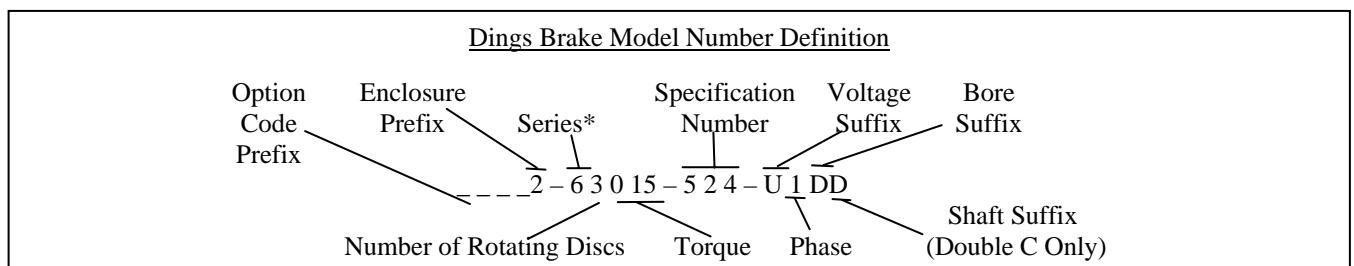
2010 Brake List Price Book

Effective 1/01/2010

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How to Determine the List Price

1. Determine the desired Model Number or locate the Model Number on the nameplate of the brake.
(Examples: 2-61003-524-U1D, R71010-U3H, and R74075-4-U3H)
2. Determine the Brake Series and Specification Number from the Model Number.
 - a. The Series Code follows the Enclosure Prefix, as shown in the example below. The Specification Number is generally a one to four digit number that follows the three-digit torque code. (Example: For Model Number 2-61003-524-U1D, the Series is 60 and the Specification Number is "524". For Model Number R74075-4-U3H the Series is 70 and the Specification Number is "4").
 - b. For 70 and 80 Series brake Model Numbers that begin with an "R" and do not include a Specification Number after the Torque Code, the Specification Number is "R".
(Example: For Model Number R71010-U3H the Specification Number is "R")
3. Determine the List Price by locating the Model Number on the price charts. The Model Numbers are organized first by Brake Series and then by Specification Number.
4. For all Option Prefixes in the Model Number, determine the Option List Price Additions from the Brake Option List Price Additions chart.
5. Determine if the voltage and bore size are standard. If not, apply non-standard voltage and/or bore size adder(s).
6. Apply the appropriate discount multiplier to the list price to determine the proper selling price.



*Series: 4 = 40 Series; 5 = 50 Series; 6 = 60 Series; 7 = 70 Series; 8 = 80 Series; 9 = 90 Series

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40 Series

Part Number	List
2-42001-011	Use 2-4xxxx-012
2-42001-012	\$180
2-42001-013	\$228
2-42001-030	Use 2-4xxxx-012
2-42001-040	Use 2-4xxxx-012
2-42001-050	Use 2-4xxxx-013

Standard Voltages

(single phase only):

Suffix	Voltage
H	115V, 60Hz
M	220/230V, 60 Hz

Standard Bore Sizes

Suffix	Size	Keyway
A	8mm	None
B	3/8"	None
C	1/2"	None
D	5/8"	None

50 Series

Part Number	List
4-5xxxx-012	Use 4-5xxxx-013
4-51003-013	\$395
4-51006-013	\$460
2-51001-050	\$380
2-51003-050	\$395
2-51006-050	\$410
2-51001-05A	\$380
2-51003-05A	\$395
2-51006-05A	\$410
2-51001-05D	Use 6-51001-080
6-51001-080	\$410
6-51003-080	\$420
6-51006-080	\$440

Standard Voltages

(single phase only):

Suffix	Voltage
Y	110/220V, 50Hz
U	230/460V, 60 Hz 190/380V, 50 Hz
R	115/230V, 60Hz
T	220/440V, 60Hz
P	575V, 60 Hz

Standard Bore Sizes

Suffix	Size	Keyway
C	1/2"	None
D	5/8"	3/16" x 3/32"
E	3/4"	3/16" x 3/32"
F	7/8"	3/16" x 3/32"

60 Series

Part Number	List
2-6xxxx-24	Use 2-6xxxx-524
4-6xxxx-30	Use 4-6xxxx-530
4-6xxxx-43	Use 4-6xxxx-543
2-61001-524	\$430
2-61003-524	\$450
2-61006-524	\$500
2-62006-524	\$515
2-62010-524	\$585
2-63010-524	\$615
2-63015-524	\$715
2-63020-524	\$805
2-64025-524	\$900
4-61001-530	\$865
4-61003-530	\$875
4-62006-530	\$970
4-62010-530	\$1,085
4-63015-530	\$1,220
4-63020-530	\$1,320
4-64025-530	\$1,465
6-61001-535	\$565
6-61003-535	\$585
6-62006-535	\$650
6-62010-535	\$755
6-63015-535	\$855
6-63020-535	\$940
6-61001-543	\$765
6-61003-543	\$775
6-62006-543	\$870
6-62010-543	\$985
6-63010-543	\$1,050
6-63015-543	\$1,120
6-63020-543	\$1,220
6-64025-543	\$1,365
6-61001-545	\$500
6-61003-545	\$520
6-61006-545	\$560
6-62006-545	\$585
6-62010-545	\$690
6-63015-545	\$790
6-63020-545	\$875

Standard Voltages (single phase only):

Suffix	Voltage
Y	110/220V, 50Hz
U	230/460V, 60 Hz 190/380V, 50 Hz
5	208-230/460V, 60 Hz
R	115/230V, 60Hz
X	115/208-230V, 60 Hz
T	220/440V, 60Hz
P	575V, 60 Hz

Standard Bore Sizes

Suffix	Size	Keyway
D	5/8"	3/16" x 3/32"
E	3/4"	3/16" x 3/32"
F	7/8"	3/16" x 3/32"

Part Number	List
2-63011-5100	\$715 (Hub not included on -5100)
6-61001-5115	\$855
6-61003-5115	\$890
6-62006-5115	\$985
6-62010-5115	\$1095
6-63010-5115	\$1165
6-63015-5115	\$1235
6-63020-5115	\$1335
6-64025-5115	\$1480
6-61001-5116	\$920
6-61003-5116	\$955
6-62006-5116	\$1050
6-62010-5116	\$1160
6-63015-5116	\$1300
6-63020-5116	\$1400
6-64025-5116	\$1545
2-61003-5132	\$450
2-62006-5132	\$515
2-62010-5132	\$615
2-63015-5132	\$710
4-61003-5133	\$550
4-62006-5133	\$650
4-62010-5133	\$755
4-63015-5133	\$855
6-61001-5140	\$3,380
6-61003-5140	\$3,425
6-62006-5140	\$3,490
6-62010-5140	\$3,595
6-63015-5140	\$3,695
6-63020-5140	\$3,780
6-64025-5140	\$3,875
6-61001-5141	\$3,100
6-61003-5141	\$3,140
6-62006-5141	\$3,220
6-62010-5141	\$3,315
6-63015-5141	\$3,430
6-63020-5141	\$3,530
6-64025-5141	\$3,630

60 Series Double C Face

Part Number	List
6-6xxxx-51A	Use 6-6xxxx-551
4-6xxxx-53A	Use 4-6xxxx-553
6-61001-551	\$480
6-61003-551	\$500
6-62006-551	\$565
6-62010-551	\$665
6-63010-551	\$725
6-63015-551	\$765
6-63020-551	\$855
4-6xxxx-553	Use 4-6xxxx-5153
6-6xxxx-583	Use 6-6xxxx-551
6-6xxxx-587	Use 6-6xxxx-551
6-61001-5108	Use 6-6xxxx-5155
6-6xxxx-5109	Use 6-6xxxx-5155
4-6xxxx-5110	Use 6-6xxxx-5155
4-6xxxx-5111	Use 6-6xxxx-551
6-61001-5145	\$2,374
6-61003-5145	\$2,474
6-62006-5145	\$2,539
6-62010-5145	\$2,639
6-63015-5145	\$2,739
6-63020-5145	\$2,824
4-61001-5153	\$615
4-61003-5153	\$635
4-62006-5153	\$700
4-62010-5153	\$805
4-63010-5153	\$855
4-63015-5153	\$905
4-63020-5153	\$990
6-61001-5155	\$690
6-61003-5155	\$710
6-62006-5155	\$775
6-62010-5155	\$880
6-63015-5155	\$980
6-63020-5155	\$1,065

Standard Voltages (single phase only):

Suffix	Voltage
Y	110/220V, 50Hz
U	230/460V, 60 Hz 190/380V, 50 Hz
5	208-230/460V, 60 Hz
R	115/230V, 60Hz
X	115/208-230V, 60 Hz
T	220/440V, 60Hz
P	575V, 60 Hz

Standard Hub Bore & Shaft Sizes

Suffix	Size	Keyway
D	5/8"	3/16" x 3/32"
E	3/4"	3/16" x 3/32"
F	7/8"	3/16" x 3/32"

NOTE: If input bore diameter is a different size than the output shaft diameter, add \$180.00 to the brake list price

60 Series Hazardous Location

Part Number	List
8-61001-66B	\$2,330
8-61003-66B	\$2,450
8-62006-66B	\$2,590
8-63010-66B	\$2,795
8-63015-66B	\$2,915
8-61001-67B	\$2,330
8-61003-67B	\$2,450
8-62006-67B	\$2,590
8-63010-67B	\$2,795
8-63015-67B	\$2,915

Standard Voltages (single phase only):

Suffix	Voltage
Y	110/220V, 50Hz
U	230/460V, 60 Hz 190/380V, 50 Hz
R	115/230V, 60Hz
T	220/440V, 60Hz
P	575V, 60 Hz

Standard Bore Sizes

Suffix	Size	Keyway
C	1/2"	None
D	5/8"	3/16" x 3/32"
E	3/4"	3/16" x 3/32"
F	7/8"	3/16" x 3/32"
G	1"	3/16" x 3/32"
H	1 1/8"	1/4" x 1/8"

60 Series 5600 Style

Part Number	List
61001-560*	\$395.00
61003-560*	\$410.00
61006-560*	\$455.00
62010-560*	\$520.00
62015-560*	\$565.00

*Manual release & leadwire options

1	with release with external wire outlet
2	with release without external wire outlet
3	without release with external wire outlet
4	without release without external wire outlet

Standard Voltages (single phase only):

Suffix	Voltage
Y	110/220V, 50Hz
U	230/460V, 60 Hz 190/380V, 50 Hz
5	208-230/460V, 60 Hz
R	115/230V, 60Hz
1	115/208-230V, 60 Hz
T	220/440V, 60Hz
P	575V, 60 Hz

Standard Bore Sizes

Suffix	Size	Keyway
D	5/8"	3/16" x 3/32"
E	3/4"	3/16" x 3/32"
F	7/8"	3/16" x 3/32"

1-70 Series

Part Number	List
1-7xxxx-39	Use 2-7xxxx-115
2-71001-115	\$705
2-71003-115	\$730
2-72006-115	\$765
2-72010-115	\$840
2-73015-115	\$940
2-73020-115	\$1,030
2-74025-115	\$1,125

Standard Voltages (single phase only):

Suffix	Voltage
Y	110/220V, 50Hz
U	230/460V, 60 Hz 190/380V, 50 Hz
5	208-230/460V, 60 Hz
R	115/230V, 60Hz
X	115/208-230V, 60 Hz
T	220/440V, 60Hz
P	575V, 60 Hz

Standard Bore Sizes

Suffix	Size	Keyway
D	5/8"	3/16" x 3/32"
E	3/4"	3/16" x 3/32"
F	7/8"	3/16" x 3/32"
H	1 1/8"	1/4" x 1/8"

70 Series

Part Number	List	Part Number	List	Part Number	List	Part Number	List
R71010	\$970	5-71010-42	\$8,400	6-71010-89	\$1,435	4-71010-102	\$1,375
R71015	\$1,025	5-71015-42	\$8,500	6-71015-89	\$1,485	4-71015-102	\$1,425
R72025	\$1,100	5-72025-42	\$8,650	6-72025-89	\$1,570	4-72025-102	\$1,520
R72035	\$1,280	5-72035-42	\$8,775	6-72035-89	\$1,720	4-72035-102	\$1,650
R73050	\$1,575	5-73050-42	\$9,000	6-73050-89	\$2,000	4-73050-102	\$1,950
R74075	\$2,090	5-74075-42	\$9,350	6-74075-89	\$2,520	4-74075-102	\$2,450
R71010-2	\$1,145	6-71010-47	\$1,120	6-71010-91	\$1,620	4-71010-103	\$1,125
R71015-2	\$1,200	6-71015-47	\$1,175	6-71015-91	\$1,750	4-71015-103	\$1,175
R72025-2	\$1,275	6-72025-47	\$1,280	6-72025-91	\$1,825	4-72025-103	\$1,250
R72035-2	\$1,455	6-72035-47	\$1,400	6-72035-91	\$1,975	4-72035-103	\$1,400
R73050-2	\$1,750	6-73050-47	\$1,885	6-73050-91	\$2,275	4-73050-103	\$1,700
R74075-2	\$2,265	6-74075-47	\$2,480	6-74075-91	\$2,775	4-74075-103	\$2,200
R71010-3	\$1,205	6-71007-54	\$1,230	6-71010-92	\$1,950	6-71010-106	\$1,235
R71015-3	\$1,260	6-71011-54	\$1,310	6-71015-92	\$2,000	6-71015-106	\$1,290
R72025-3	\$1,335	6-72019-54	\$1,395	6-72025-92	\$2,075	6-72025-106	\$1,365
R72035-3	\$1,515	6-72027-54	\$1,465	6-72035-92	\$2,225	6-72035-106	\$1,515
R73050-3	\$1,810	6-73038-54	\$1,645	6-73050-92	\$2,525	6-73050-106	\$1,803
R74075-3	\$2,325	6-74053-54	\$2,265	6-74075-92	\$3,025	6-74075-106	\$2,315
R71010-4	\$1,525	(Hub not included on -54)		6-71010-93	\$1,700	4-71010-107	\$1,625
R71015-4	\$1,575	6-71010-55	\$1,310	6-71015-93	\$1,830	4-71015-107	\$1,675
R72025-4	\$1,650	6-71015-55	\$1,360	6-72025-93	\$1,905	4-72025-107	\$1,750
R72035-4	\$1,800	6-72025-55	\$1,435	6-72035-93	\$2,055	4-72035-107	\$1,900
R73050-4	\$2,100	6-72035-55	\$1,585	6-73050-93	\$2,355	4-73050-107	\$2,200
R74075-4	\$2,600	6-73050-55	\$1,870	6-74075-93	\$2,855	4-74075-107	\$2,700
6-71010-5	\$1,750	6-74075-55	\$2,385	6-71010-94	\$2,030	6-71010-109	\$1,895
6-71015-5	\$1,800	6-71010-56	\$1,350	6-71015-94	\$2,080	6-71015-109	\$1,945
6-72025-5	\$1,875	6-71015-56	\$1,400	6-72025-94	\$2,155	6-72025-109	\$2,020
6-72035-5	\$2,025	6-72025-56	\$1,475	6-72035-94	\$2,305	6-72035-109	\$2,170
6-73050-5	\$2,325	6-72035-56	\$1,625	6-73050-94	\$2,605	6-73050-109	\$2,370
6-74075-5	\$2,825	6-73050-56	\$1,913	6-74075-94	\$3,105	6-74075-109	\$2,970
R71010-6	\$4,500	6-74075-56	\$2425	6-71010-96	\$925	6-71010-110	\$1,950
R71015-6	\$4,650	6-71010-57	\$1,775	6-71015-96	\$975	6-71015-110	\$2,000
R72025-6	\$4,875	6-71015-57	\$1,825	6-72025-96	\$1,050	6-72025-110	\$2,075
R73035-6	\$5,150	6-72025-57	\$1,900	6-72035-96	\$1,200	6-72035-110	\$2,225
R74050-6	\$5,850	6-72035-57	\$2,050	6-73050-96	\$1,488	6-73050-110	\$2,425
R75075-6	\$6,850	6-73050-57	\$2,350	6-74075-96	\$2,000	6-74075-110	\$3,025
6-71010-19	\$1,620	6-74075-57	\$2,850	6-71010-97	\$1,175	6-71010-111	\$1,945
6-71015-19	\$1,670	6-71010-58	\$1,720	6-71015-97	\$1,225	6-71015-111	\$1,995
6-72025-19	\$1,745	6-71015-58	\$1,770	6-72025-97	\$1,300	6-72025-111	\$2,070
6-72035-19	\$1,895	6-72025-58	\$1,845	6-72035-97	\$1,450	6-72035-111	\$2,220
6-73050-19	\$2,175	6-72035-58	\$1,995	6-73050-97	\$1,738	6-73050-111	\$2,520
6-74075-19	\$2,675	6-73050-58	\$2,295	6-74075-97	\$2,250	6-74075-111	\$3,020
6-71010-29	\$1,700	6-74075-58	\$2,795	4-71010-100	\$1,295	6-71010-112	\$2,000
6-71015-29	\$1,750	6-71010-80	\$1,700	4-71015-100	\$1,345	6-71015-112	\$2,050
6-72025-29	\$1,825	6-71015-80	\$1,750	4-72025-100	\$1,420	6-72025-112	\$2,125
6-72035-29	\$1,975	6-72025-80	\$1,825	4-72035-100	\$1,570	6-72035-112	\$2,275
6-73050-29	\$2,275	6-72035-80	\$1,975	4-73050-100	\$1,870	6-73050-112	\$2,575
6-74075-29	\$2,775	6-73050-80	\$2,275	4-74075-100	\$2,370	6-74075-112	\$3,075
R71010-37	\$1,445	6-74075-80	\$2,775	4-71010-101	\$1,045		
R71015-37	\$1,495	5-71010-85	\$10,730	4-71015-101	\$1,095		
R72025-37	\$1,570	5-71015-85	\$11,160	4-72025-101	\$1,170		
R72035-37	\$1,720	5-72025-85	\$11,440	4-72035-101	\$1,300		
R73050-37	\$2,000	5-72035-85	\$11,510	4-73050-101	\$1,620		
R74075-37	\$2,500	5-73050-85	\$12,070	4-74075-101	\$2,120		
		5-74075-85	\$12,880				

Standard Voltages (single or three phase):	
Suffix	Voltage
Y	110/220V, 50Hz
U	230/460V, 60 Hz
	190/380V, 50 Hz
R	115/230V, 60Hz
T	220/440V, 60Hz
P	575V, 60 Hz

Standard Bore Sizes		
Suffix	Size	Keyway
F	7/8"	3/16" x 3/32"
H	1 1/8"	1/4" x 1/8"
J	1 1/4"	1/4" x 1/8"
K	1 3/8"	5/16" x 5/32"
M	1 5/8"	3/8" x 3/16"

70 Series Hazardous Location

Part Number	List
R71010-9	\$3,350
R71015-9	\$3,500
R72025-9	\$3,725
R73035-9	\$4,000
R74050-9	\$4,700
R75075-9	\$5,700

Standard Voltages (single or three phase):

Suffix	Voltage
Y	110/220V, 50Hz
U	230/460V, 60 Hz 190/380V, 50 Hz
R	115/230V, 60Hz
T	220/440V, 60Hz
P	575V, 60 Hz

Standard Bore Sizes

Suffix	Size	Keyway
F	7/8"	3/16" x 3/32"
G	1"	3/16" x 3/32"
H	1 1/8"	1/4" x 1/8"
J	1 1/4"	1/4" x 1/8"
K	1 3/8"	5/16" x 5/32"
L	1 1/2"	3/8" x 3/16"
M	1 5/8"	3/8" x 3/16"

70 Series Double C Face

6-71010-38	\$2,075
6-71015-38	\$2,100
6-72025-38	\$2,175
6-73025-38	\$2,200
6-72035-38	\$2,250
6-73035-38	\$2,300
6-73050-38	\$2,500
6-74075-38	\$2,600
4-71010-46	\$2,725
4-71015-46	\$2,750
4-72025-46	\$2,825
4-73025-46	\$2,850
4-72035-46	\$2,925
4-73035-46	\$3,000
4-73050-46	\$3,150
4-74075-46	\$3,250
6-71010-105	\$3,180
6-71015-105	\$3,230
6-72025-105	\$3,305
6-73025-105	\$3,305
6-72035-105	\$3,455
6-73035-105	\$3,455
6-73050-105	\$3,605
6-74075-105	\$3,650

Standard Voltages (single or three phase):

Suffix	Voltage
Y	110/220V, 50Hz
U	230/460V, 60 Hz 190/380V, 50 Hz
R	115/230V, 60Hz
T	220/440V, 60Hz
P	575V, 60 Hz

Standard Hub Bore & Shaft Sizes

Suffix	Size	Keyway
F	7/8"	3/16" x 3/32"
H	1 1/8"	1/4" x 1/8"
J	1 1/4"	1/4" x 1/8"
K	1 3/8" *	5/16" x 5/32"
M	1 5/8" **	3/8" x 3/16"

*For 10 or 15 lb-ft brake with 1-3/8" bore, the motor shaft may need to be modified. See dimension "AH" in the brake catalog. For 25 or 35 lb-ft brake with 1-3/8" bore, use the 3-disc version.

**Motor shaft must be modified. Maximum shaft length shown dimension "AH" in brake catalog.

80 Series

Part Number	List	Part Number	List	Part Number	List	Part Number	List
R81025	\$1,600	2-81025-28	\$1,830	6-81019-49	\$1,695	6-83090-60	\$2,650
R81035	\$1,650	2-81035-28	\$1,880	6-81027-49	\$1,835	6-83105-60	\$2,880
R82050	\$1,700	2-82050-28	\$1,930	6-82038-49	\$2,000	6-84125-60	\$3,300
R82070	\$1,950	2-82070-28	\$2,180	6-82053-49	\$2,290	6-85135-60	\$3,800
R83075	\$2,200	2-83075-28	\$2,430	6-83079-49	\$2,770	6-85168-60	\$4,000
R83105	\$2,680	2-83105-28	\$2,910	(Hub not included on -49)		6-85175-60	\$4,300
R84125	Use 6-84125-58	2-84125-28	\$3,380	5-81025-51	\$12,560	6-81025-61	\$2,090
R85175	Use 6-85175-58	2-85175-28	\$4,380	5-81035-51	\$12,660	6-81035-61	\$2,200
R81025-2	\$1,775	4-81025-29	\$2,090	5-82050-51	\$13,450	6-82050-61	\$2,450
R81035-2	\$1,825	4-81035-29	\$2,200	5-83075-51	\$13,950	6-82070-61	\$2,850
R82050-2	\$1,875	4-82050-29	\$2,450	5-83090-51	\$14,650	6-83075-61	\$2,950
R82070-2	\$2,125	4-82070-29	\$2,850	5-84135-51	\$19,500	6-83090-61	\$3,250
R83075-2	\$2,375	4-83075-29	\$2,950	5-85180-51	\$21,000	6-83105-61	\$3,650
R83105-2	\$2,855	4-83105-29	\$3,650	6-81025-52	\$2,015	6-84125-61	\$4,050
R84125-2	\$3,325	4-84125-29	\$4,050	6-81035-52	\$2,125	6-85135-61	\$5,750
R85175-2	\$4,325	4-85175-29	\$5,750	6-82050-52	\$2,375	6-85168-61	\$5,750
R81025-3	\$1,725	6-81025-30	\$1,995	6-82070-52	\$2,775	6-85175-61	\$5,750
R81035-3	\$1,775	6-81035-30	\$2,000	6-83075-52	\$2,875	6-85175-61	\$5,750
R82050-3	\$1,825	6-82050-30	\$2,055	6-83105-52	\$3,575	6-81025-62	\$2,005
R82070-3	\$2,075	6-82070-30	\$2,305	6-84125-52	\$3,975	6-81035-62	\$2,115
R83075-3	\$2,325	6-83075-30	\$2,555	6-85175-52	\$5,675	6-82050-62	\$2,365
R83105-3	\$2,805	6-83105-30	\$3,055	6-81025-53	\$8,200	6-82070-62	\$2,765
R84125-3	\$3,275	6-84125-30	\$3,505	6-81035-53	\$8,350	6-83075-62	\$2,865
R85175-3	\$4,275	6-85175-30	\$4,505	6-82050-53	\$9,500	6-83105-62	\$3,565
R81025-4	\$1,840	6-81025-32	\$1,990	6-83075-53	\$10,000	6-84125-62	\$3,965
R81035-4	\$1,950	6-81035-32	\$2,100	6-83090-53	\$10,650	6-85175-62	\$5,665
R82050-4	\$2,200	6-82050-32	\$2,350	6-84125-53	\$11,650	6-81025-63	\$1,940
R82070-4	\$2,600	6-82070-32	\$2,750	6-85180-53	\$13,000	6-81035-63	\$2,050
R83075-4	\$2,700	6-83075-32	\$2,850	6-81025-57	\$1,500	6-82050-63	\$2,300
R83105-4	\$3,400	6-83105-32	\$3,550	6-81035-57	\$1,550	6-82070-63	\$2,700
R84125-4	Use 4-84125-29	6-84125-32	\$3,950	6-82050-57	\$1,600	6-83075-63	\$2,800
R85175-4	Use 4-84175-29	6-85175-32	\$5,650	6-82070-57	\$1,850	6-83105-63	\$3,500
6-81025-5	\$1,855	6-83050-33	\$2,700	6-83075-57	\$2,100	6-84125-63	\$3,900
6-81035-5	\$2,070	6-83075-33	\$2,700	6-83105-57	\$2,580	6-85175-63	\$5,600
6-82050-5	\$2,325	6-81025-45	\$2,265	6-84125-57	Use 6-84125-58		
6-82070-5	\$2,725	6-81035-45	\$2,375	6-85175-57	Use 6-85175-58		
6-83075-5	\$2,825	6-82050-45	\$2,625	6-81025-58	\$1,750		
6-83105-5	\$3,525	6-82070-45	\$3,025	6-81035-58	\$1,800		
6-84125-5	\$3,925	6-83075-45	\$3,125	6-82050-58	\$1,850		
6-85175-5	\$5,625	6-83105-45	\$3,825	6-82070-58	\$2,100		
5-81025-27	\$8,540	6-84125-45	\$4,225	6-83075-58	\$2,350		
5-81035-27	\$8,640	6-85175-45	\$5,925	6-83105-58	\$2,830		
5-82050-27	\$9,950	6-81025-46	\$2,205	6-84125-58	\$3,300		
5-83075-27	\$10,450	6-81035-46	\$2,315	6-85175-58	\$4,300		
5-83090-27	\$11,150	6-82050-46	\$2,565	6-81025-60	\$1,700		
5-84135-27	\$16,000	6-82070-46	\$2,965	6-81035-60	\$1,750		
5-85180-27	\$17,500	6-83075-46	\$3,065	6-82050-60	\$1,800		
		6-83105-46	\$3,765	6-82070-60	\$2,150		
		6-84125-46	\$4,165	6-83075-60	\$2,350		
		6-85175-46	\$5,865				

Standard Voltages (single or three phase):	
Suffix	Voltage
Y	110/220V, 50Hz
U	230/460V, 60 Hz
	190/380V, 50 Hz
R	115/230V, 60Hz
T	220/440V, 60Hz
P	575V, 60 Hz

Standard Bore Sizes		
Suffix	Size	Keyway
F	7/8"	3/16" x 3/32"
H	1 1/8"	1/4" x 1/8"
J	1 1/4"	1/4" x 1/8"
K	1 3/8"	5/16" x 5/32"
L	1 1/2"	3/8" x 3/16"
M	1 5/8"	3/8" x 3/16"
N	1 7/8"	1/2" x 1/4"

90 Series

Part Number	List
2-92180-30	\$5,850
2-93270-30	\$6,350
2-94360-30	\$7,800
2-95450-30	\$8,700
4-92180-31	\$6,600
4-93270-31	\$7,150
4-94360-31	\$8,800
4-95450-31	\$9,700
4-92180-32	\$6,400
4-93270-32	\$6,950
4-94360-32	\$8,600
4-95450-32	\$9,500
2-92180-37	\$5,850
2-93270-37	\$6,350
2-94360-37	\$7,800
2-95450-37	\$8,700
6-92180-38	\$6,600
6-93270-38	\$7,150
6-94360-38	\$8,800
6-95450-38	\$9,700
92125-50	\$4,800
92180-50	\$5,150
93230-50	\$5,700
93270-50	\$6,350
92125-51	\$6,250
92180-51	\$6,600
93230-51	\$7,150
93270-51	\$7,650

Standard Voltages (three phase only):	
Suffix	Voltage
Y	110/220V, 50Hz
U	230/460V, 60 Hz 190/380V, 50 Hz
R	115/230V, 60Hz
T	220/440V, 60Hz
P	575V, 60 Hz

Standard Bore Sizes		
Suffix	Size	Keyway
O	2 1/8"	1/2" x 1/4"
P	2 3/8"	5/8" x 5/16"
Q	2 7/8"	3/4" x 3/8"

Brake Option List Price Additions

		40 Series	50 Series	60 Series								1-70 Series	
		NEMA 2	NEMA 2	NEMA 2			NEMA 4		NEMA 4X		Haz Location	NEMA 2	
		End Mount	End Mount	End Mount	End Mount	CC	End Mount	CC	End Mount	CC	End Mount	End Mount	
Specification Number→		-012 -013	-050 -05A	-524	-5601 -5602 -5603 -5604	-551	-530 -535 -543 -545	-5153	-5115 -5116 -5140 -5141	-5145 -5155	-66B -67B	-115	
Prefix	Option Description												
A	Adaptor to next frame size	-	\$235	\$320	\$320	\$320	\$320	\$320	\$320	\$320	\$320	\$320	\$375
AA	Double Adaptor to 2nd larger frame size	-	-	-	-	-	-	-	-	-	-	-	\$575
AB	Reverse Adaptor to next smaller frame size	-	-	\$235	\$235	\$235	\$235	\$235	\$235	\$235	\$235	\$235	\$320
B	Aluminum Bronze Stat Disc (Per Disc) (Number of Stat Discs=# Rotating Discs-1)	-	-	\$210	-	\$210	\$210	\$210	\$210	\$210	\$210	-	\$210
DD	Direct Current (DC Voltage)	\$70	\$300	\$300	-	\$300	\$300	\$300	\$300	\$300	\$300	-	\$300
DA	Drain Hole Special	-	-	**	-	**	**	**	**	**	**	-	**
E	Ductile Iron Stat Discs Per Disc (4 Post) (Number of Stat Discs=# Rotating Discs-1)	-	-	-	-	-	-	-	-	-	-	-	-
F	Foot Mounting Bracket	-	-	\$350	\$350	\$350	\$350	\$350	\$350	\$350	\$350	\$520	\$450
H	Heavy Duty Friction Discs/Hardened Hub	1st Disc	-	-	\$160	-	\$160	\$160	\$160	\$160	\$160	\$160	\$160
		Each Add'l Disc	-	-	\$50	-	\$50	\$50	\$50	\$50	\$50	\$50	\$50
J	High Tensile Stud***	-	-	-	-	-	-	-	-	-	-	-	-
K	External Breather	-	-	-	-	-	\$235	-	\$235	-	-	-	-
M	Marine Finish & Plating, Corrosion-resistant Hardware	-	-	\$770	-	\$770	\$770	\$770	\$770	\$770	\$770	\$770	\$770
N	Harsh Environment Protection	-	-	\$560	-	\$560	\$560	\$560	\$560	\$560	\$560	\$560	\$560
P	Tropical (Moisture/Fungus) Protection	-	-	\$140	-	\$140	\$140	\$140	\$140	\$140	\$140	\$140	\$140
Q	Class H Insulation	\$100	\$100	\$125	\$125	\$125	\$125	\$125	\$125	\$125	\$125	-	\$125
R	Heater (Specify voltage)	-	-	\$210	-	\$210	\$210	\$210	\$210	\$210	\$210	-	\$210
S	Stainless Stat Disc (Per Disc) (Number of Stat Discs=# Rotating Discs-1)	-	-	\$210	-	\$210	\$210	\$210	\$210	\$210	\$210	-	\$210
T	Thru-Hole in cover for shaft extension	Cast Cover	-	-	\$110	-	-	\$225	-	\$225	-	-	\$110
		Steel cover	-	\$25	\$25	-	-	-	-	-	-	-	\$25
VO	Vertical Mount Over Motor- cost per disc	-	-	\$10	\$10	\$10	\$10	\$10	\$10	\$10	\$10	\$10	\$10
VU	Vertical Mount Under Motor- cost per disc	-	-	\$10	\$10	\$10	\$10	\$10	\$10	\$10	\$10	\$10	\$10
W	Electronic Wear Indicator Switch	-	-	-	-	-	-	-	-	-	-	-	-
X	Special Modifications	**	**	**	**	**	**	**	**	**	**	**	**
XE	Smart Brake Encoder Option	-	-	\$1,535	-	-	\$1,535	-	\$1,535	-	\$3,000	\$1,535	
XS	Micro Switch (Brake Released/Engaged)	-	-	\$415	-	\$415	\$415	\$415	\$415	\$415	\$415	-	\$415
XT	Tach Mounting (Cast Cover Only)	-	-	**	-	-	\$585	-	\$585	-	-	-	**
Y	Manual Release Handle	-	-	\$45	-	\$45	\$45	\$45	\$45	\$45	\$45	-	\$45
Z	Stabilizer Clip Rotating (Per Rotating Disc)	-	\$10	\$10	-	Std.	\$10	Std.	\$10	Std.	\$10	Std.	\$10
	One Piece Hub/Shaft (Brakes 1-6 lb.ft. only)	-	-	-	-	\$270	-	\$270	-	\$270	-	-	-
	Corrosion Resistant Internal Parts	-	-	\$135	-	\$135	\$135	\$135	Std.	Std.	\$135	Std.	\$135
	Deadman Release	-	Std.	-	-	-	-	-	-	-	-	-	-
	Non Standard Voltages	\$165	\$165	\$165	\$165	\$165	\$165	\$165	\$165	\$165	\$165	\$165	\$165
	Non Standard Bore Sizes	\$135	\$135	\$180	\$180	\$180	\$180	\$180	\$180	\$180	\$180	\$180	\$180

** -Contact your Local Dings Dynamics Distributor or Factory Representative for availability and pricing.

*** -Divide List Price by 2 for 2 Post Brakes.

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Brake Option List Price Additions

Specification Number →	70 Series								80 Series			90 Series			
	NEMA 2		NEMA 4		NEMA 4X	NEMA 4X	Haz Location	NAVAL	NEMA 2	NEMA 4	NAVAL	NEMA 2	NEMA 4	NEMA 2	NEMA 4
	End Mount	CC	End Mount	CC	End Mount	CC	End Mount	End Mount	End Mount	End Mount	End Mount	End Mount	End Mount	End Mount	End Mount
	R -96 -97	-38	-4, -37 -55 -57 -58 -100 -101 -102 -103	-46	-91 -92 -93 -94	-105	-9	-42 -85	R -28 -57 -58	-4 -29 -32	-27 -52	-30	-31 -32 -51 -52	-50	-51 -52

Prefix	Option Description															
A	Adaptor to next frame size	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$375	\$450	\$450	\$450	\$1,025	\$1,025	\$1,025	\$1,025
AA	Double Adaptor to 2nd larger frame size	\$575	\$575	\$575	\$575	\$575	\$575	\$575	\$575	\$1,025	\$1,025	\$1,025	-	-	-	-
AB	Reverse Adaptor to next smaller frame size	\$320	\$320	\$320	\$320	\$320	\$320	\$320	\$320	\$375	\$375	\$375	\$580	\$580	\$580	\$580
B	Aluminum Bronze Stat Disc Per Disc (Number of Stat Discs=# Rotating Discs-1)	\$305	\$305	\$305	\$305	\$305	\$305	-	-	\$405	\$405	-	\$645	\$645	**	**
DD	Direct Current (DC Voltage)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DA	Drain Hole Special	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
E	Ductile Iron Sat Discs Per Disc (4 Post) (Number of Stat Discs=# Rotating Discs-1)	\$130	\$130	\$130	\$130	\$130	\$130	-	-	\$160	\$160	-	-	-	-	-
F	Foot Mounting Bracket	\$450	\$450	\$450	\$450	\$450	\$450	\$1,095	\$450	\$475	\$475	\$475	\$1,325	\$1,325	\$1,325	\$1,325
H	Heavy Duty Friction Discs/Hardened Hub 1st Disc Each Add'l Disc	\$170	\$170	\$170	\$170	\$170	\$170	\$170	\$170	\$310	\$310	\$310	Std.	Std.	\$500	\$500
		\$80	\$80	\$80	\$80	\$80	\$80	\$80	\$80	\$80	\$130	\$130	\$130	Std.	Std.	\$350
J	High Tensile Stud***	\$145	\$145	\$145	\$145	\$145	\$145	Std.	\$145	\$145	\$145	\$145	-	-	-	-
K	External Breather	\$250	\$250	\$250	\$250	\$250	\$250	-	\$250	\$250	\$250	\$250	\$250	\$250	\$250	\$250
M	Marine Finish & Plating, Corrosion-resistant Hardware	\$1,020	\$1,020	\$1,020	\$1,020	-	-	\$1,020	Std.	\$1,295	\$1,295	Std.	\$1,530	\$1,530	\$1,530	\$1,530
N	Harsh Environment Package	\$630	\$630	\$630	\$630	-	-	\$630	-	\$675	\$675	-	\$1,065	\$1,065	\$1,065	\$1,065
P	Tropical (Moisture/Fungus) Protection	\$155	\$155	\$155	\$155	\$155	\$155	\$155	\$155	\$170	\$170	\$170	\$185	\$185	\$185	\$185
Q	Class H Insulation	\$155	\$155	\$155	\$155	\$155	\$155	\$155	\$155	\$175	\$175	\$175	Std.	Std.	Std.	Std.
R	Heater (Specify voltage)	\$225	\$225	\$225	\$225	\$225	\$225	\$225	\$225	\$225	\$225	\$225	\$275	\$275	\$275	\$275
S	Stainless Stationary Disc (Per Disc)	\$305	\$305	\$305	\$305	\$305	\$305	-	Std.	\$405	\$405	Std.	\$645	\$645	**	**
T	Thru-Hole in cover for shaft extension Cast Cover Steel Cover	\$225	-	\$300	-	\$300	-	-	-	\$225	\$300	-	\$225	\$520	\$225	\$520
		\$25	-	-	-	-	-	-	-	\$25	-	-	-	-	-	-
VO	Vertical Mount Over Motor- cost per disc	\$30	\$30	\$30	\$30	\$30	\$30	\$30	\$30	\$30	\$30	\$30	-	-	\$75	\$75
VU	Vertical Mount Under Motor- cost per disc	\$20	\$20	\$20	\$20	\$20	\$20	\$20	\$20	\$30	\$30	\$30	-	-	\$75	\$75
W	Electronic Wear Indicator Switch	**	**	**	**	**	**	-	**	**	**	**	-	-	-	-
X	Special Modifications	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
XE	Smart Brake Encoder Option	\$1,735	-	\$1,735	-	\$1,735	-	\$3,220	-	\$1,900	\$1,900	-	\$2,045	\$2,045	\$2,045	\$2,045
XS	Micro Switch (Brake Released/Engaged)	\$450	\$450	\$450	\$450	\$450	\$450	-	\$450	\$450	\$450	\$450	\$450	\$450	\$450	\$450
XT	Tach Mounting (Cast Cover Only)	\$700	-	\$850	-	\$850	-	-	-	\$700	\$850	-	-	-	\$1,100	\$1,375
Y	Manual Release Handle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Z	Stabilizer Clip Rotating (Per Rotating Disc)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Corrosion Resistant Internal Parts	\$170	\$170	\$170	\$170	Std.	Std.	\$170	Std.	\$245	\$245	Std.	\$340	\$340	\$340	\$340
	Deadman Release	**	-	**	-	**	-	**	Std.	**	**	Std.	**	**	-	-
	Non Standard Voltages	\$175	\$175	\$175	\$175	\$175	\$175	\$175	\$175	\$175	\$175	\$175	\$200	\$200	\$200	\$200
	Non Standard Bore Sizes	\$210	\$210	\$210	\$210	\$210	\$210	\$210	\$210	\$250	\$250	\$250	\$335	\$335	\$335	\$335
	External Release (Mark III Release) This option requires a new Specification No.	\$125	-	\$175	-	\$175	-	-	-	\$125	\$175	-	-	-	-	-

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*** -Divide List Price by 2 for 2 Post Brakes.

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Armature Actuated Brakes

Model D57

List Prices

Basic Model Number	Torque lb-ft (Nm)	List Price	
		Basic Brake	Brake with Manual Release
D57-072	3 (4)	\$281	\$335
D57-090	6 (8)	\$320	\$375
D57-112	12 (16)	\$440	\$518
D57-132	25 (32)	\$520	\$602
D57-145	45 (60)	\$790	\$890
D57-170	60 (80)	\$985	\$1,100

Model D58

List Prices (includes torque adjust)

Basic Model Number	Torque lb-ft (Nm)	List Price		IP44 Enclosure* Adders		
		Basic Brake	Brake with Manual Release	Boot Seal	Sealing Plug	Shaft Seal
D58-072	3 (4)	\$322	\$367	\$15	\$15	\$42
D58-090	6 (8)	\$355	\$410	\$15	\$15	\$42
D58-112	12 (16)	\$495	\$573	\$21	\$15	\$42
D58-132	25 (32)	\$588	\$670	\$26	\$35	\$42
D58-145	45 (60)	\$875	\$975	\$42	\$35	\$70
D58-170	60 (80)	\$1,125	\$1,240	\$62	\$35	\$70
D58-196	110 (150)	\$2,080	\$2,260	\$78	\$50	\$70
D58-230	190 (260)	\$2,700	\$2,955	\$100	\$65	\$70
D58-278	300 (400)	\$5,925	\$6,235	\$115	\$75	\$83

Model D61

List Prices

Basic Model Number	Torque lb-ft (Nm)	List Price
D61-072	3 (4)	\$575
D61-090	6 (8)	\$631
D61-112	12 (16)	\$785
D61-132	25 (32)	\$1,077
D61-145	45 (60)	\$1,600
D61-170	60 (80)	\$1,900
D61-196	110 (150)	\$2,650

*IP44 with boot seal in combination with either the sealing plug or shaft seal.
Enclosure Rating is IP55 when brake is also mounted under a fan cover.

AC Rectifiers

AC input voltage	Rectifier part number	Type	DC Coil voltage	Mounting	Max. Supply Voltage	List Price
42	D-630-H-V	Half Wave	20	Vertical	555 V	\$130.00
	D-630-H-H			Horizontal		
48	D-630-H-V	Half Wave	20	Vertical	555 V	\$130.00
	D-630-H-H			Horizontal		
110	D-630-B-V	Bridge	42	Vertical	270 V	\$92.00
	D-630-B-H			Horizontal		
230	D-630-B-V	Bridge	103	Vertical	270 V	\$92.00
	D-630-B-H			Horizontal		
240	D-630-H-V	Half Wave	103	Vertical	555 V	\$130.00
	D-630-H-H			Horizontal		
380	D-630-B-V	Bridge	205	Vertical	270 V	\$92.00
	D-630-B-H			Horizontal		
400	D-630-H-V	Half Wave	180	Vertical	555 V	\$130.00
	D-630-H-H			Horizontal		
440	D-630-B-V	Bridge	215	Vertical	270 V	\$92.00
	D-630-B-H			Horizontal		
460	D-630-H-V	Half Wave	103	Vertical	555 V	\$130.00
	D-630-H-H			Horizontal		
480	D-634-H-V*	Half Wave	215	Vertical	555 V	\$130.00
	D-634-H-H*			Horizontal		
500	D-634-H-V*	Half Wave	225	Vertical	555 V	\$130.00
	D-634-H-H*			Horizontal		
555	D-634-H-V*	Half Wave	250	Vertical	555 V	\$130.00
	D-634-H-H*			Horizontal		

Universal Spark Suppressor

Part Number	Coil Voltage V	Max. Coil Power	List Price
D-198-001	24V - 50V	110 W	\$60.00
D-198-002	50V - 120V	110 W	\$79.00
D-198-003	120V - 200V	110 W	\$79.00
D-198-004	200V - 250V	110 W	\$79.00

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Armature Actuated Brakes

Ordering Information

Model Number Example: **D57 - 112 - M 20 - MR** ← Options

↑ ↑ ↑ ↑
 Brake Brake Coil Hub
 Model Size Voltage Bore Size

Refer to following page for option descriptions and pricing.

Coil Voltages

Suffix	DC Voltage	Availability by Model		
		D57	D58	D61
B	24	X	X	X
D	42*	X*		
E	96		X	
G	103		X	X
J	170		X	
K	180		X	X
L	190		X	
M	205	X	X	X

*Sizes 145 & 170 only

Available Options

Suffix	Description
Model D57	
MR	Manual Release
*	Noise Reduced Brake
Model D58	
B	Boot Seal
C	Terminal Box
E	Sealing Plug
L	Long Life (<i>ceramic rotor</i>)
MR	Manual Release
MA	Manual Release Indicator (<i>direction of release away from motor</i>)
MT	Manual Release Indicator (<i>direction of release towards motor</i>)
NA	Noise Reduced Armature
NR	Noise Reduced Rotor
T	Shaft Seal
W	Air Gap Shim
WI	Wear Indicator (sizes 132 & up)
XS	Electrical Release Indicator (Sizes 132 & up)
Y	Thin Plate (Friction Plate)
Z	Thick Plate (Mounting Flange)
*	Brake cover
*	C Face Mounting
*	Without Torque Adjust
Model D61	
E	Sealing Plug
NR	Noise Reduced Rotor
T	Shaft Seal
*	C Face Mounting

*Contact Factory

Standard Bore Sizes

Metric Bores * in mm			Availability by Model/ Size															
Suffix	Size	Keyway	D57 & D61						D58									
			72	90	112	132	145	170	72	90	112	132	145	170	196	230	278	
PL	Pilot**	none	10	10	10	14	14	15	10	10	10	14	14	15	20	25	30	
10	10	3 x 1.5	x	x	X				X	X	X							
11	11	4 x 2	X	X	X				X	X	X							
12	12	4 x 2	X	X	X				X	X	X							
14	14	5 x 2.5	X	X	X	X	X		X	X	X	X	X					
15	15	5 x 2.5	X	X	X	X	X	X	X	X	X	X	X	X				
20	20	6 x 3		X	X	X	X	X		X	X	X	X	X	X			
25	25	8 x 3.5				X	X	X				X	X	X	X	X		
30	30	8 x 3.5					X	X				X	X	X	X	X	X	
35	35	10 x 4						X						X	X	X	X	
38*	38*	10 x 3***						X						X	X	X	X	
40	40	12 x 4													X	X	X	
45	45	14 x 4.5													X	X	X	
50	50	14 x 4.5														X	X	
55	55	16 x 5															X	
60	60	18 x 5.5															X	
65	65	18 x 5.5															X	
70	70	20 x 4***															X	

*Metric Bore Hubs with non-pilot bore includes keyway per DIN 6885/1 P9 and are furnished without set screws.

**Pilot Bore Hub sizes are designated by a "PL" suffix and the appropriate bore diameter is shown under the corresponding brake size.

***Keyway is per DIN 6885/3 P9

English Bores* in inches			Availability by Model/ Size															
Suffix	Size	Keyway	D57 & D61						D58									
			72	90	112	132	145	170	72	90	112	132	145	170	196	230	278	
PL	Pilot**	none	0.394	0.394	0.394	0.551	0.551	0.591	0.394	0.394	0.394	0.551	0.551	0.591	0.788	0.984	1.181	
0C	1/2	1/8 x 1/16	X	X	X				X	X	X							
0X	9/16	1/8 x 1/16	X	X	X	X	X		X	X	X	X	X					
0D	5/8	3/16 x 3/32		X	X	X	X	X		X	X	X	X	X				
0E	3/4	3/16 x 3/32		X	X	X	X	X		X	X	X	X	X				
0F	7/8	3/16 x 3/32				X	X	X				X	X	X	X			
0G	1	1/4 x 1/8				X	X	X				X	X	X	X	X		
0H	1 1/8	1/4 x 1/8				X	X	X				X	X	X	X	X		
0J	1 1/4	1/4 x 1/8						X						X	X	X	X	
0K	1 3/8	5/16 x 5/32						X						X	X	X	X	
0M	1 5/8	3/8 x 3/16													X	X	X	
0N	1 7/8	1/2 x 1/4														X	X	
0O	2 1/8	1/2 x 1/4															X	
0P	2 3/8	5/8 x 5/16															X	

*English Bore Hubs with non-pilot bore includes keyway per ANSI B17.1 and are furnished with set screw(s).

**Pilot Bore Hub sizes are designated by a "PL" suffix and the appropriate bore diameter is shown under the corresponding brake size.

For non-standard bore sizes, add: \$78 for sizes 072 - 112

\$130 for sizes 132 - 170

\$195 for sizes 196 - 278

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Armature Actuated Brakes

Options

Suffix	Option	Description	Availability by Model	Availability by Size	List Price Adder			
B	Boot Seal	The seal is inserted into the groove on the stator. If no suitable groove is available on the counter friction face, we recommend the use of a flange or a friction plate.	D58	All	Size 072-090 112 132 145	Adder \$15 \$20 \$25 \$42	Size 170 196 230 278	Adder \$62 \$78 \$100 \$115
C	Terminal Box	The terminal box is mounted onto the spring-applied brake using a fixing bracket and screws.	D58	132, 145, 170, 196, 230, 278	\$300			
E	Sealing Plug	A cover is pressed into the brake center	D58, D61	All	Size 072 - 112 132 - 170	Adder \$15 \$35	Size 196 230 278	Adder \$50 \$65 \$75
L	Long Life Rotor	Service life at least twice as long (wear-resistant coating)	D58	All	Size 072 - 112 132 - 170	Adder \$20 \$35	Size 196 230 278	Adder \$70 \$140 \$280
MR	Manual Release	The manual release is used to release the brake by hand and can be factory installed or retrofitted.	D57, D58	All	Size 072 090 112 132 145	Adder \$45 \$55 \$78 \$82 \$100	Size 170 196 230 278	Adder \$115 \$180 \$255 \$310
MA	Manual Release Indicator, direction of release away from motor	The manual release operation is detected via a microswitch, whose switching signal must be combined with the motor control, so that the motor can be prevented from starting (thus also preventing any possible injury to the operator).	D58	All	072 - 132 = \$185 145 & 170 = \$415 196 - 278 = \$465			
MT	Manual Release Indicator, direction of release towards motor		D58	072, 090, 112	072 through 112 = \$185			
NA	Noise-Reduced Armature	O-rings are installed between the magnet housing and the armature plate as shock absorbers.	D58 (contact factory for noise-reduced D57)	All	Size 072 090 112 132 145	Adder \$55 \$68 \$78 \$95 \$140	Size 170 196 230 278	Adder \$210 \$245 \$295 \$360
NR	Noise-Reduced Rotor	Rattling noises, which can occur in the rotor/hub connection with changing loads, for example, are reduced by using a rotor with a plastic sleeve.	D58 , D61 (contact factory for noise-reduced D57)	All	Size 072 090 112	Adder \$45 \$60 \$82	Size 132 145-278	Adder \$105 \$140
T	Shaft Seal	A shaft seal is pressed into the brake center for through-shaft applications. Seal bore is equal to the hub bore.	D58, D61	All	Size 072 - 132 145 - 230 278	Adder \$42 \$70 \$83		
W	Air Gap Shim	A shim is placed between the stator and the armature plate to reduce brake set time	D58	All	Size 072 - 132 145 - 196 230 - 278	Adder \$25 \$62 \$160		
WI	Wear Indicator	The microswitch can be set such that a signal is output before the wear reserve is reached.	D58	132, 145, 170, 196, 230, 278	Size 132 - 170 196 - 278	Adder \$415 \$465		
XS	Electric Release Indicator	The microswitch is used to monitor the air gap. When the armature plate makes contact with the stator, the motor contactor is controlled via the microswitch. The motor can only start if the brake is released.	D58	132, 145, 170, 196, 230, 278	Size 132 - 170 196 - 278	Adder \$415 \$465		
Z	Thick Plate (Mounting Flange)	If no suitable counter friction face is available, a flange on which the seal can be installed can be used.	D58	Standard on sizes 196, 230, and 278 Optional on sizes 072 through 170	Size 072 090 112	Adder \$70 \$72 \$98	Size 132 145 170	Adder \$105 \$155 \$175

NOTE: For Brake Covers, C Face Adaptors, or D58 Brake without Torque Adjust, contact factory
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