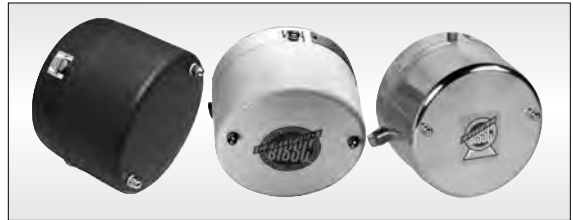


60 Series End Mount



NEMA Frame Sizes 56C, 143TC, 145TC

Torque Ratings: 1.5 to 25 lb-ft

NEMA 4/4X, CSA 4, IP56* with hub seal for TEFC applications

*To obtain full IP56 protection, the customer shaft, hub bore, key and keyway's mating surface(s) must be sealed to meet IP56. Considerations should be reviewed to appropriately seal mounting hardware as well. Contact factory for details and/or assistance.

60 Series Specifications:

Reaction Time: 15-20 milliseconds (release and set)
 AK: 4.5" Register
 AJ: 5.88" Bolt Circle
 Thermal Capacity: 6 HPS/MIN
 Maximum RPM: 3600
 Coil insulation:
 Class B : 1.5, 3, 10 & 15 lb-ft brakes (Class H optional)
 Class H : 6, 20 & 25 lb-ft brakes
 CSA File #LR13814

Design Features:

Direct acting design with no linkages to break
 One moving part for longer life
 Torque adjustable for specific applications
 Splined hub
 Spring set, electrically released
 Manual release, automatic reset
 Plated internal parts - RoHS compliant
 All position brake available



57 Galaxy Blvd., Units 1 & 2, Toronto, ON M9W 5P1
 TEL: (416) 231-6767
 www.drivecentre.ca

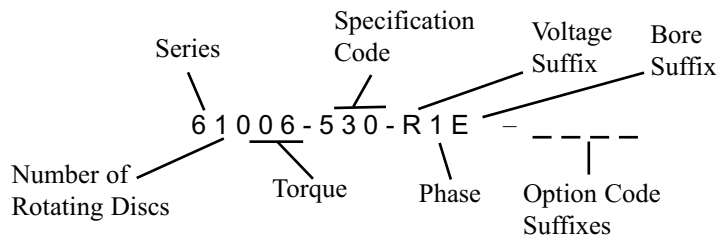
NEMA 4 TEFC Specifications:

External paint: Red primer
 Lead wires: Conduit connections
 Nameplate: Aluminum/Steel brake: Thermally printed adhesive label (pre-masked)
 Cast iron brake: Riveted stamped stainless steel
 Instructions and Parts Manual: Aluminum/Steel brake = BK4710
 Cast iron brake = BK4660

NEMA 4X TEFC Specifications:

External paint: Cast Iron: FDA approved white epoxy
 Stainless Steel: None
 BISSC Certified Authorization #695
 Lead wires: Conduit connections
 Nameplate: Riveted stamped stainless steel (pre-masked)
 Instructions and Parts Manual:
 Cast iron brake = BK4660
 Stainless steel brake = BK4661

Brake Model Number Description



Standard AC Voltages (single phase only):	
Suffix	Voltage
Y	110/220V, 50Hz
U	230/460V, 60 Hz or 190/380V, 50 Hz
5	208-230/460V, 60 Hz
R	115/230V, 60 Hz
1	115/208-230V, 60 Hz
T	220/440V, 60 Hz
P	575V, 60 Hz

Special voltages available.

Optional DC Voltages (See price for DC modification):		
Suffix	Voltage	List Price
		Adder
A	12	\$300
B	24	\$300
C	36	\$300
D	48	\$300
7	76	\$300
E	95	\$300
H	115	\$300
M	230	\$300

Special voltages available.

Standard Hub Bore Sizes:		
Suffix	Size	Keyway
D	5/8"	3/16" x 3/32"
F	7/8"	3/16" x 3/32"

Special bore sizes available.

Available Options:	Suffix
Adapter to Larger Frame Size(s)	A
Reverse Adapter	AB
Foot Mounting Bracket	F
Heavy-Duty Rotating Friction Disc with Hardened Steel Hub	H
Marine/Maritime Duty with MIL-SPEC paint per TT-P-645 & MIL-DTL-15090	M
Marine/Maritime Duty	N
Tropical Protection	P
Internal Space Heater	R
Stainless Steel Stationary Disc	S
Through Shaft	T
Class H Insulation	Q
Vertical Mounting	
Vertical Over, or above motor	VO
Vertical Under, or below motor	VU
Micro-Switch Warning	XS

Refer to pages 51-56 for option descriptions & pricing.

NEMA 4 / IP56 Enclosure With hub seal

Torque lb-ft	Model #	Replacement for Stearns® Model (NOTE1)	Construction	Wt. lbs.	Inertia Wk ² lb-ft ²	Dimensions in inches						List Price
						C	N	X Overall length of hub, gap, & V-ring	Xh Hub only length	AC	G	
1.5	61001-535	1-056-002-00	Aluminum/Steel	10	0.008	4.72	1.68	1.47	.88	1.18	1.63	\$565
	61001-530	—	Cast Iron	16	0.008	4.81	1.59	1.37	.88	0.94	1.63	\$900
3	61003-535	1-056-012-00	Aluminum/Steel	10	0.008	4.72	1.68	1.47	.88	1.18	1.63	\$585
	61003-530	1-056-212-00	Cast Iron	16	0.008	4.81	1.59	1.37	.88	0.94	1.63	\$935
6	61006-535	1-056-022-00	Aluminum/Steel	10	0.008	4.72	1.68	1.47	.88	1.18	1.63	\$650
	61006-530	1-056-222-00	Cast Iron	17	0.008	4.81	1.59	1.37	.88	0.94	1.63	\$1,030
10	62010-535	1-056-032-00	Aluminum/Steel	10	0.013	4.72	1.68	1.47	.88	1.18	1.63	\$755
	62010-530	1-056-232-00	Cast Iron	17	0.013	4.81	1.59	1.37	.88	0.94	1.63	\$1,140
15	63015-535	1-056-042-00	Aluminum/Steel	11	0.019	5.10	2.00	1.78	1.19	1.18	1.94	\$855
	63015-530	1-056-242-00	Cast Iron	18	0.019	5.13	1.90	1.93	1.19	0.94	1.94	\$1,280
20	63020-535	1-056-052-00	Aluminum/Steel	11	0.019	5.10	2.00	1.78	1.19	1.18	1.94	\$940
	63020-530	1-056-252-00	Cast Iron	18	0.019	5.13	1.90	1.93	1.19	0.94	1.94	\$1,380
25	64025-530	1-056-262-00	Cast Iron	19	0.024	5.44	2.05	1.83	1.34	1.56	2.25	\$1,525

WASHDOWN NEMA 4X / IP56 Enclosure With hub seal

Torque lb-ft	Model #	Replacement for Stearns® Model (NOTE1)	Construction	Wt. lbs.	Inertia Wk ² lb-ft ²	Dimensions in inches						List Price
						C	N	X Overall length of hub, gap, & V-ring	Xh Hub only length	AC	G	
1.5	61001-5116	—	Cast Iron	16	0.008	4.81	1.59	1.37	.88	0.94	1.63	\$920
	61001-5140	—	Stainless Steel	16	0.008	4.81	1.59	1.37	.88	0.94	1.63	\$2,439
3	61003-5116	1-056-214-00	Cast Iron	16	0.008	4.81	1.59	1.37	.88	0.94	1.63	\$955
	61003-5140	1-056-914-00	Stainless Steel	16	0.008	4.81	1.59	1.37	.88	0.94	1.63	\$2,450
6	61006-5116	1-056-224-00	Cast Iron	17	0.008	4.81	1.59	1.37	.88	0.94	1.63	\$1,050
	61006-5140	1-056-924-00	Stainless Steel	17	0.008	4.81	1.59	1.37	.88	0.94	1.63	\$2,515
10	62010-5116	1-056-234-00	Cast Iron	17	0.013	4.81	1.59	1.37	.88	0.94	1.63	\$1,160
	62010-5140	1-056-934-00	Stainless Steel	17	0.013	4.81	1.59	1.37	.88	0.94	1.63	\$2,615
15	63015-5116	1-056-244-00	Cast Iron	18	0.019	5.13	1.90	1.93	1.19	0.94	1.94	\$1,300
	63015-5140	1-056-944-00	Stainless Steel	18	0.019	5.13	1.90	1.93	1.19	0.94	1.94	\$2,715
20	63020-5116	1-056-254-00	Cast Iron	18	0.019	5.13	1.90	1.93	1.19	0.94	1.94	\$1,400
	63020-5140	1-056-954-00	Stainless Steel	18	0.019	5.13	1.90	1.93	1.19	0.94	1.94	\$2,800
25	64025-5116	1-056-264-00	Cast Iron	19	0.022	5.44	2.05	1.83	1.34	1.56	2.25	\$1,545
	64025-5140	1-056-964-00	Stainless Steel	19	0.022	5.44	2.05	1.83	1.34	1.56	2.25	\$2,910

NOTE 1: Hub length and location differ.

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