

1-70 Series End Mount

NEMA Frame Sizes 182TC through 256TC
Torque Ratings: 1.5 to 25 lb. ft.

Instructions
Parts List
Troubleshooting
Wiring

RoHS Compliant - meets the requirements of the Restriction of Hazardous Substances Directive

Specifications:

Reaction Time: 15-20 milliseconds (release and set)
 AK: 8.5" Register
 AJ: 7.25" Bolt Circle
 Thermal Capacity: 6 HPS/MIN
 Maximum RPM: 3600



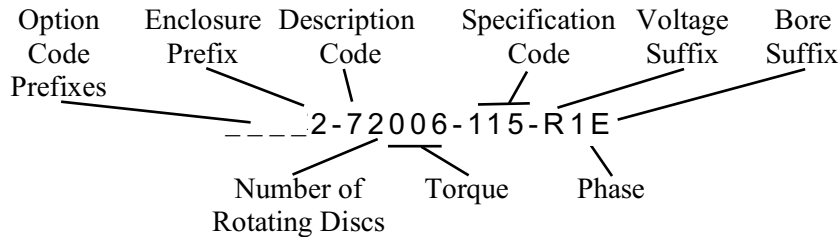
Design Features:

Direct acting design with no linkages to break
 One moving part for longer life
 Torque adjustable for specific applications
 Splined hub
 Plated internal parts standard
 Coil insulation:
 1.5 - 15 lb.ft. Class B Standard, Class H Optional
 20 & 25 lb-ft. Class H Standard
 Spring set, electrically released
 Lead wires for internal or conduit connections
 Manual release, automatic reset
 All position brake available
 CSA Approved File #LR13814

Enclosure Types:

- ◆Dripproof Enclosure (2-70000-115)
 - ◆NEMA 2, CSA 2, IP41
 - ◆Stamped steel cover with aluminum bracket & adaptor, 1.5 - 20 lb.ft.
 - ◆Stamped steel cover with cast iron bracket & adaptor, 25 lb.ft.

Brake Model Number Description



Standard AC Voltages (single phase only):		Available Options:	
Suffix	Voltage		Prefix
Y	110/220V, 50Hz	DC Voltage	DD
U	230/460V, 60 Hz or 190/380V, 50 Hz	Harsh Environment Protection	N
R	115/230V, 60 Hz	Heavy-Duty Rotating Friction Disc with Hardened Steel Hub	H
T	220/440V, 60 Hz	Marine Duty	M
P	575V, 60 Hz	Tropical Protection	P
Special and DC voltages available.		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

Standard Hub 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"
Special bore sizes available.		

Refer to pages 32-36 for option descriptions and pricing.

Torque lb.ft.	Model #	Instruction and Parts Manual	Enclosure	Construction	Wt. Lbs.	Inertia WK ² Lb-Ft ²	Dimensions				List Price
							C	N	X	AC	
1.5	2-71001-115	BK4755	NEMA 2	Aluminum/Steel	10	.006	4.57	1.687	.875	1.210	\$705
3	2-71003-115	BK4755	NEMA 2	Aluminum/Steel	10	.006	4.57	1.687	.875	1.210	\$730
6	2-72006-115	BK4755	NEMA 2	Aluminum/Steel	10	.010	4.57	1.687	.875	1.210	\$765
10	2-72010-115	BK4755	NEMA 2	Aluminum/Steel	10	.010	4.94	1.874	1.187	1.498	\$840
15	2-73015-115	BK4755	NEMA 2	Aluminum/Steel	11	.015	4.94	1.874	1.187	1.498	\$940
20	2-73020-115	BK4755	NEMA 2	Aluminum/Steel	11	.015	4.94	1.874	1.187	1.498	\$1,030
25	2-74025-115	BK4755	NEMA 2	Cast Iron/Steel	18	.020	5.63	2.437	1.344	2.187	\$1,125

