

# 50 Series End Mount

NEMA Frame Size 48C

Torque Ratings: 1.5 to 6 lb-ft

**Instructions BK4618**

**Parts List**

**Troubleshooting**

**RoHS Compliant- Standard brakes meet the requirements of the Restriction of Hazardous Substances Directive**

## Specifications:

Reaction Time: 15-20 milliseconds (release and set)  
 AK: 3" Register  
 AJ: 3.75" Bolt Circle  
 Thermal Capacity: 4 HPS/MIN  
 Maximum RPM: 3600

## Design Features:

Torque adjustable for specific applications  
 CSA Approved File #LR13814  
 Coil insulation: Class B Standard, Class H Optional  
 Spring set, electrically released  
 Deadman release (Model 2-50000-05A without release)  
 Splined hub  
 Through shaft knockout standard, all models

## Enclosure Type:

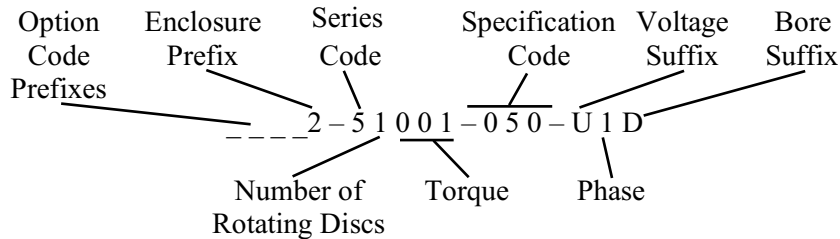
- ◆Dripproof Enclosure
- ◆NEMA 2, IP40
- ◆Steel cover and mounting bracket



**Instructions & Parts Manual: BK4618**

Torque lb-ft	Model # Internal lead connection	List Price Internal lead connection	Model # Internal / external lead connection	List Price Internal / external lead connection	Wt Lbs.	Inertia Wk <sup>2</sup> lb-ft <sup>2</sup>	Manual Release
1.5	2-51001-050	\$	6-51001-080	\$	7	0.002	Yes
3	2-51003-050	\$	6-51003-080	\$	7	0.002	Yes
6	2-51006-050	\$	6-51006-080	\$	7	0.002	Yes

## Brake Model Number Definition



**Standard Voltages (single phase only):**

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

Special voltages available.

**Standard Hub 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"

Special bore sizes available.

**Available Options:**

Option	Prefix
Adapter to Larger Frame Size(s)	A
Reverse Adapter	AB
Direct Current (DC Voltage)	DD
Tropical Protection	P
Class H Insulation	Q

Refer to pages 32-26 for option descriptions and pricing.

