



# 5600 Style End Mount

Instruction Manual  
and Parts List

## 60 Series

NEMA Frame Sizes 56C, 143TC, 145TC

Torque Ratings: 1.5 to 15 lb-ft



**NEW BRAKE DESIGN!**  
**LONG LIFE – EASY INSTALLATION & MAINTENANCE**

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

### 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

### Enclosure Type:

- ◆Dripproof Enclosure
- ◆NEMA 2, CSA 2, IP41
- ◆Stamped steel cover with steel bracket

### Design Features:

Direct acting design with no linkages to break  
One moving part for longer life  
Single point air gap adjustment  
Through shaft knockout standard on all models  
Splined hub  
Coil insulation:  
1.5 – 3 lb-ft Class B std, Class H Optional  
6 – 15 lb-ft Class H std  
Spring set, electrically released  
Side Manual release, automatic reset  
CSA Approved File #LR13814

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

Special and DC voltages available.

Available Options:	Suffix
Adapter to Larger Frame Size(s)	A
Reverse Adapter	AB
Foot Mounting Bracket	F
Class H Insulation	Q
Vertical Mounting	
Vertical over, or above, motor	VO
Vertical under, or below, motor	VU

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

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"

Special bore sizes available.

Torque Rating lb-ft	Model Number*	Number of friction discs	Thermal Capacity HPS/MIN	Inertia lb-ft <sup>2</sup>	Dimensions					List Price
					C	AC	G	X	N± 1/32"	
1.5	61001-560*	1	6	0.006	4.01	1.50	0.31	0.81	1.00	\$
3	61003-560*	1	6	0.006	4.01	1.50	0.31	0.81	1.00	\$
6	61006-560*	1	6	0.006	4.01	1.50	0.31	0.81	1.00	\$
10	62010-560*	2	6	0.011	4.01	1.50	0.31	0.81	1.00	\$
15	62015-560*	2	6	0.011	4.01	1.50	0.31	0.81	1.00	\$

**\*Brake Model Number Description**

