



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 ²	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	\$430.00
3	61003-560*	1	6	0.006	4.01	1.50	0.31	0.81	1.00	\$450.00
6	61006-560*	1	6	0.006	4.01	1.50	0.31	0.81	1.00	\$515.00
10	62010-560*	2	6	0.011	4.01	1.50	0.31	0.81	1.00	\$615.00
15	62015-560*	2	6	0.011	4.01	1.50	0.31	0.81	1.00	\$715.00

*Brake Model Number Description

