



MOTOR ACCESSORIES

FIELD INSTALLED

BLOWER FAN KITS

These kits are used for converting 150 and 170 Series Cast Iron TEFC motors to Totally Enclosed Blower Cooled motors. Cooling per MG1.6 (IC46) The kits are designed for inverter and vector drive applications where continuous cooling is required regardless of motor shaft speed. The kit is mounted on the back of the motor after removing the fan guard and fan. Modifying the shaft is not required.



For use with Rolled Steel TEFC Motors only.

Blower Motor Voltage	Phase	NEMA Frame	Catalog Number	CFM	App. Wgt. (lbs.)
115	1	56-145T	175876.00	115	4
115	1	56-145T	175775.00 ②	115	4
115	1	182-4T	175895.00	115	4
115	1	213-5T	175896.00	235	5

② For 56/145T motors having face mounted (plastic) fan guards.

ENCODER KITS

These kits include the parts and encoder for field assembly of slim-line, through-shaft encoder designed to slip over the motor's fan end shaft. Blower kit sold separately.



Output is 1024 pulses per revolution, quadrature, 5 to 28 VDC line driver output. Short-circuit protection is standard. Inputs are over voltage and reverse voltage protected. Electrical noise immunity exceeds international standards. Encoders are isolated from shaft currents using hard anodized sleeves and non metallic anti-rotation hardware. Designed for long-life in industrial environments using an all-metal, shock resistant code disk. The encoder is protected by the motor's fan cover after mounting. Using a blower fan kit is suggested for proper motor cooling.

For use with Rolled Steel/TEFC Motors only.

For NEMA Frame	Encoder Kit Catalog Number
56-145T	175960.00
182-4T	175897.00
213-5T	175898.00

TERMINAL BLOCK KITS

Terminal block kits for 150 and 170 Series NEMA Frame Cast Iron motors. Can also be used for replacement on 193 Series Cast Iron and 192 Series aluminum IEC metric motors.



DIE CAST ALUMINUM CONDUIT BOX CONVERSION KIT

56/140-frame kit (pictured) includes die cast aluminum conduit box, cover, gaskets, grounding screw, mounting hardware and adapter plate for mounting box on existing holes in motor. 180 and 210-frame kits include all parts required to replace the conduit box including the die cast conduit box, plug, cover, gaskets and mounting hardware. No adapter plate is required because these kits mount on existing holes. All conduit boxes have 1/2-NPT tapped lead exit holes on two adjacent sides with one hole plugged. Note: the kit will not work with larger HP single-phase 210-frame motors.



EXPLOSION-PROOF CONDUIT BOX

UL and CSA listed for Class I, Group C & D, and Class II, Groups E, F & G locations. Has grounding screw and all hardware provided. Mounts to motor by 3/4"-14NPT opening at rear of box. For NEMA 56 & 143-5T frame motors only. Box number 175755 has a 1" NPT thread.



For use with 150 & 170 Series Cast Iron TEFC Motors only.

Blower Motor Voltage	Phase	NEMA Frame	Catalog Number	CFM	App. Wgt. (lbs.)
115	1	182-4T	175674.00	260	10
115	1	213-5T	175675.00	260	11
115	1	254-6T	175676.00	260	17
115	1	284-6T	175677.00	500	24
115	1	324-6T	175678.00	500	28
230/460	3	360T	175879.00	500	35
230/460	3	400T	175880.00	500	45
230/460	3	440T	175558.00 ⊛	500	55

⊛ For 444T/445T motors

For use with 150 & 170 Series Cast Iron TEFC Motors only.

For NEMA Frame	Encoder Kit Catalog Number
182-4T	175684.00
213-5T	175685.00
254-6T	175686.00
284-6T	175687.00
320T	175641.00
360T	175642.00
400T	175643.00
440T (2 pole)	175644.00
440T (4/6 pole)	175645.00

NEMA Frame	IEC Frame	Catalog Number	App. Wgt. (lbs.)
—	63-90L	175881.00 *	1
180/210T	100/112/132	175668.60	2
250/280T	160/180	175667.60	3
320/360T	200/225	175666.60	4
400/440T	250/280	175665.60	5

* Replacement terminal board for aluminum frame IEC motors.

NEMA Frame	Catalog Number	App. Wgt. (lbs.)
56-140T	175892.00	2
182-4T	175649.00	2
213-5T	175847.00	11

Catalog Number	App. Wgt. (lbs.)
175026.00	2
175755.00(1)	2

(1) For motors having a letter P after the date code.

SHADED FRAME INDICATES CAST IRON CONSTRUCTION

Specifications are subject to change without notice