

Frame	143/5TC	Design	B
Output	1 HP (0.75 kW)	Insulation Class	F
Number of Poles	4	Temperature rise	80 K
Frequency	60 HZ	Service factor	1.15 (1.00 @ 208V)
Rated speed	1765 rpm	Duty Cycle	Cont. (S1)
Slip	1.94 %	Starting Method	Direct On Line
Rated voltage	230/460 V	Ambient temperature	-20°C to +40°C
Rated current	2.94/1.47 A	Altitude	1000 m.a.s.l.
L.R. Amperes	25.3/12.6 A	Degree of Protection	IP55
LRC	8.6x(Code M)	Enclosure	IC411 - TEFC
No load current	1.78/0.890 A	Mounting	F-1
Rated torque	2.98 ft.lb	Rotation ¹	Both (CW and CCW)
Locked rotor torque	280 %	Noise level ²	52.0 dB(A)
Breakdown torque	300 %	Approx. weight ³	38.8 lb
Locked rotor time	34s (cold) 19s (hot)		
Moment of inertia (J)	0.1232 sq.ft.lb		

Frame Material	Rolled Steel
Impregnation Method	Dip and Bake Polyester
Main terminal box hole	1.118"
Terminal Block	Without
Drain	Rubber, automatic
Shaft Material	SAE 1040/45 Carbon Steel
Painting	Munsell N 1 - Matte 207N (ISO 12944 - C2)
Grounding Lugs	Single
Fan Cover material	Steel
Tropicalized Painting	Without
Fan material	Plastic
Bearing cap	Yes- Bearing Cap
Bolt Material	Carbon Steel
Balancing Method	1/2 Key
Drip Cover	Without
Resilient Base	Without
Overload protector (phenolic)	Without overload protector
Connection Cables Quantity	9