

Nameplate Specifications

Phase	3	Output HP	100 & 75 Hp
Output KW	74.6 & 56.0 kW	Voltage	230/460 & 190/380 V
Speed	3565 & 2970 rpm	Service Factor	1.15 & 1.15
Frame	405TS	Enclosure	Explosion Proof Fan cooled
Thermal Protection	No Protection	Efficiency	94.1 & 93.6 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	224/112 & 204/102 A	Power Factor	89
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	313	Opp Drive End Bearing Size	313
UL	Listed	CSA	Y
CE	N	IP Code	54
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	.06 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	TS	Overall Length	34.12 in
Frame Length	16.75 in	Shaft Diameter	2.125 in
Shaft Extension	4.5 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS518935-1675	Connection Drawing	A-EE7308K