

Spec No-CDS/MOTOR/300HP

300 HP Motor Specifications

S.No.	Particulars	
1	Type	TEFC SQ CAGE
2	Rating (kW)	225 KW/ 300 HP
3	Mounting	Horizontal
4	Rated Voltage (V)	415 +/-10%
5	Frequency (Hz)	50 Hz +/-5%
6	Rated Speed (RPM)	1480
7	Full Load Current (Amps.)	375
8	Full Load Torque (KG-M)	AS PER IS
9	Locked Rotor Current (% of FLC)	
10	Locked Rotor Torque (% of FLT)	
11	Pull up Torque (% of FLT)	
12	Pull out Torque (% of FLT)	
13	Percentage Efficiency	
14	Full Load	
15	3/4 FL	
16	1/2 FL	
17	Power Factor	
18	Full Load	
19	3/4 FL	
20	1/2 FL	
21	Insulation Class	B
22	Method of Starting	Star Delta Starter
23	Duty	S1 (continuous)
24	Stall Time-Cold/Hot (Sec)	AS PER IS
25	Amb/T.Rise ($^{\circ}$ C)	
26	IP/IC	
27	Noise Limit	
28	Vibration Limit	
29	ENERGY EFFICIENCY CLASS	IE 3