



DATASHEET

TECO OPEN DRIP POOF ODP

MOTOR SERIES	TECO OPEN DRIP POOF ODP	
START METHOD		DIRECT ON LINE
KW RATING		185
VOLTAGE	(V)	415
PHASES		3
FREQUENCY	(Hz)	50
NO OF POLES		2
FRAME		C280MA
SPEED		
SYNCHRONOUS	(rpm)	3000
FULL LOAD	(rpm)	2945
CURRENT		
FULL LOAD	(Amps)	300
LOCKED ROTOR	%	752
TORQUE		
FULL LOAD TORQUE	(Nm)	599.9151104
STARTING TORQUE	%	115
MINIMUM TORQUE	%	105
BREAKDOWN TORQUE	%	225
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.7
EFFICIENCY		
100% LOAD	%	95.5
75% LOAD	%	95.5
50% LOAD	%	94.3
POWER FACTOR		
100% LOAD	%	89
75% LOAD	%	88
50% LOAD	%	85
INSULATION CLASS		F
ENCLOSURE TYPE		ODP
IP RATING		23
WEIGHT OF MOTOR	kgs	660
BEARINGS		
DRIVE END		6314 C3
NON DRIVE END		6314 C3
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C