



DATASHEET

TECO OPEN DRIP POOF ODP

MOTOR SERIES	TECO OPEN DRIP POOF ODP	
START METHOD		DIRECT ON LINE
KW RATING		18.5
VOLTAGE	(V)	415
PHASES		3
FREQUENCY	(Hz)	50
NO OF POLES		4
FRAME		C160L
SPEED		
SYNCHRONOUS	(rpm)	1500
FULL LOAD	(rpm)	1460
CURRENT		
FULL LOAD	(Amps)	34.7
LOCKED ROTOR	%	634
TORQUE		
FULL LOAD TORQUE	(Nm)	121.010274
STARTING TORQUE	%	210
MINIMUM TORQUE	%	170
BREAKDOWN TORQUE	%	250
ROTOR INERTIA (J = GD ² /4)	(Kgm ²)	0.0918
EFFICIENCY		
100% LOAD	%	92.5
75% LOAD	%	91
50% LOAD	%	90
POWER FACTOR		
100% LOAD	%	72.5
75% LOAD	%	66
50% LOAD	%	53
INSULATION CLASS		F
ENCLOSURE TYPE		ODP
IP RATING		23
WEIGHT OF MOTOR	kgs	136
BEARINGS		
DRIVE END		6310 ZZ
NON DRIVE END		6309 ZZ
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C