



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		6
FRAME		C180LC
SPEED		
SYNCHRONOUS	(rpm)	1000
FULL LOAD	(rpm)	985
CURRENT		
FULL LOAD	(Amps)	37.4
LOCKED ROTOR	%	709
TORQUE		
FULL LOAD TORQUE	(Nm)	179.3654822
STARTING TORQUE	%	250
MINIMUM TORQUE	%	170
BREAKDOWN TORQUE	%	300
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.3355
EFFICIENCY		
100% LOAD	%	91.5
75% LOAD	%	91.5
50% LOAD	%	91.5
POWER FACTOR		
100% LOAD	%	80.5
75% LOAD	%	76.5
50% LOAD	%	66
INSULATION CLASS		F
ENCLOSURE TYPE		ODP
IP RATING		23
WEIGHT OF MOTOR	kgs	202
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