



# DATASHEET

## TECO OPEN DRIP POOF ODP

<b>MOTOR SERIES</b>	TECO OPEN DRIP POOF ODP	
<b>START METHOD</b>		DIRECT ON LINE
<b>KW RATING</b>		37
<b>VOLTAGE</b>	(V)	415
<b>PHASES</b>		3
<b>FREQUENCY</b>	(Hz)	50
<b>NO OF POLES</b>		6
<b>FRAME</b>		C225MC
<b>SPEED</b>		
SYNCHRONOUS	(rpm)	1000
FULL LOAD	(rpm)	980
<b>CURRENT</b>		
FULL LOAD	(Amps)	67.2
LOCKED ROTOR	%	625
<b>TORQUE</b>		
FULL LOAD TORQUE	(Nm)	360.5612245
STARTING TORQUE	%	220
MINIMUM TORQUE	%	120
BREAKDOWN TORQUE	%	250
<b>ROTOR INERTIA (J = GD<sup>2</sup>/4)</b>	(Kgm <sup>2</sup> )	0.6688
<b>EFFICIENCY</b>		
100% LOAD	%	93
75% LOAD	%	93
50% LOAD	%	92
<b>POWER FACTOR</b>		
100% LOAD	%	79
75% LOAD	%	74
50% LOAD	%	62.5
<b>INSULATION CLASS</b>		F
<b>ENCLOSURE TYPE</b>		ODP
<b>IP RATING</b>		23
<b>WEIGHT OF MOTOR</b>	kgs	341
<b>BEARINGS</b>		
DRIVE END		6314
NON DRIVE END		6213
<b>NO LOAD SOUND PRESSURE LEVEL @ 1M</b>	dbA	
<b>DESIGN STANDARD</b>		AS1359
<b>CERTIFICATION</b>		
<b>TEMPERATURE RISE ABOVE AMBIENT</b>		< 80 DEG C