



DATASHEET

TECO OPEN DRIP POOF ODP

MOTOR SERIES	TECO OPEN DRIP POOF ODP	
START METHOD		DIRECT ON LINE
KW RATING		30
VOLTAGE	(V)	415
PHASES		3
FREQUENCY	(Hz)	50
NO OF POLES		2
FRAME		C180MA
SPEED		
SYNCHRONOUS	(rpm)	3000
FULL LOAD	(rpm)	2945
CURRENT		
FULL LOAD	(Amps)	52.2
LOCKED ROTOR	%	728
TORQUE		
FULL LOAD TORQUE	(Nm)	97.28353141
STARTING TORQUE	%	200
MINIMUM TORQUE	%	170
BREAKDOWN TORQUE	%	280
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.0755
EFFICIENCY		
100% LOAD	%	93
75% LOAD	%	92.5
50% LOAD	%	92
POWER FACTOR		
100% LOAD	%	85.5
75% LOAD	%	82
50% LOAD	%	73
INSULATION CLASS		F
ENCLOSURE TYPE		ODP
IP RATING		23
WEIGHT OF MOTOR	kgs	179
BEARINGS		
DRIVE END		NU213
NON DRIVE END		6211
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C