



DATASHEET

TECO SINGLE PHASE B56 FRAME

MOTOR SERIES	TECO SINGLE PHASE B56 FRAME	
START METHOD		DIRECT ONLINE
KW RATING		0.37
VOLTAGE	(V)	240
PHASES		1
FREQUENCY	(Hz)	50
NO OF POLES		4
FRAME		B56
SPEED		
SYNCHRONOUS	(rpm)	1500
FULL LOAD	(rpm)	1450
CURRENT		
FULL LOAD	(Amps)	5.4
LOCKED ROTOR	%	440
TORQUE		
FULL LOAD TORQUE	(Nm)	3.7
STARTING TORQUE	%	320
MINIMUM TORQUE	%	
BREAKDOWN TORQUE	%	230
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	
EFFICIENCY		
100% LOAD	%	59.4
75% LOAD	%	
50% LOAD	%	
POWER FACTOR		
100% LOAD	%	60
75% LOAD	%	
50% LOAD	%	
INSULATION CLASS		F
ENCLOSURE TYPE		TEFC
IP RATING		44
WEIGHT OF MOTOR	kgs	15
BEARINGS		
DRIVE END		6205 ZZ
NON DRIVE END		6203 ZZ
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		