



DATASHEET

TECO BEGY SINGLE PHASE TEFC

MOTOR SERIES	TECO BEGY SINGLE PHASE TEFC	
START METHOD		DIRECT ONLINE
KW RATING		0.55
VOLTAGE	(V)	240
PHASES		1
FREQUENCY	(Hz)	50
NO OF POLES		4
FRAME		D80
SPEED		
SYNCHRONOUS	(rpm)	1500
FULL LOAD	(rpm)	1425
CURRENT		
FULL LOAD	(Amps)	4.3
LOCKED ROTOR	%	510
TORQUE		
FULL LOAD TORQUE	(Nm)	3.7
STARTING TORQUE	%	260
MINIMUM TORQUE	%	
BREAKDOWN TORQUE	%	180
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	
EFFICIENCY		
100% LOAD	%	70.1
75% LOAD	%	
50% LOAD	%	
POWER FACTOR		
100% LOAD	%	77
75% LOAD	%	
50% LOAD	%	
INSULATION CLASS		
ENCLOSURE TYPE		TEFC
IP RATING		
WEIGHT OF MOTOR	kgs	6204 ZZ
BEARINGS		
DRIVE END		6204 ZZ
NON DRIVE END		6202 ZZ
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		