



DATASHEET

TECO MAX-Ex (Exe,ExnA,ExtD)

MOTOR SERIES	TECO MAX-Ex (Exe,ExnA,ExtD)	
START METHOD		DIRECT ON LINE
KW RATING		1.1
VOLTAGE	(V)	240
PHASES		3
FREQUENCY	(Hz)	50
NO OF POLES		4
FRAME		90S
SPEED		
SYNCHRONOUS	(rpm)	1500
FULL LOAD	(rpm)	1435
CURRENT		
FULL LOAD	(Amps)	3.82
LOCKED ROTOR	%	814
TORQUE		
FULL LOAD TORQUE	(Nm)	7.31
STARTING TORQUE	%	280.5
MINIMUM TORQUE	%	198
BREAKDOWN TORQUE	%	319
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.005
EFFICIENCY		
100% LOAD	%	86
75% LOAD	%	86.5
50% LOAD	%	85.5
POWER FACTOR		
100% LOAD	%	80.5
75% LOAD	%	73.5
50% LOAD	%	60.5
INSULATION CLASS		F/H
ENCLOSURE TYPE		TEFC
IP RATING		66
WEIGHT OF MOTOR	kgs	24
BEARINGS		
DRIVE END		6205 ZZ C3
NON DRIVE END		6205 ZZ C3
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	46
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C