



DATASHEET

TECO MAX-Ex (Exe,ExnA,ExtD)

MOTOR SERIES	TECO MAX-Ex (Exe,ExnA,ExtD)	
START METHOD		DIRECT ON LINE
KW RATING		4
VOLTAGE	(V)	240
PHASES		3
FREQUENCY	(Hz)	50
NO OF POLES		6
FRAME		132M
SPEED		
SYNCHRONOUS	(rpm)	1000
FULL LOAD	(rpm)	970
CURRENT		
FULL LOAD	(Amps)	13.77
LOCKED ROTOR	%	754
TORQUE		
FULL LOAD TORQUE	(Nm)	39.3
STARTING TORQUE	%	231
MINIMUM TORQUE	%	214.5
BREAKDOWN TORQUE	%	341
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.052
EFFICIENCY		
100% LOAD	%	89.6
75% LOAD	%	89
50% LOAD	%	87
POWER FACTOR		
100% LOAD	%	78
75% LOAD	%	71.5
50% LOAD	%	59
INSULATION CLASS		F/H
ENCLOSURE TYPE		TEFC
IP RATING		66
WEIGHT OF MOTOR	kgs	82
BEARINGS		
DRIVE END		6308 ZZ C3
NON DRIVE END		6306 ZZ C3
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	51
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C