



DATASHEET

TECO MAX-Ex (Exe,ExnA,ExtD)

MOTOR SERIES	TECO MAX-Ex (Exe,ExnA,ExtD)	
START METHOD		DIRECT ON LINE
KW RATING		3
VOLTAGE	(V)	240
PHASES		3
FREQUENCY	(Hz)	50
NO OF POLES		2
FRAME		100L
SPEED		
SYNCHRONOUS	(rpm)	3000
FULL LOAD	(rpm)	2870
CURRENT		
FULL LOAD	(Amps)	9.27
LOCKED ROTOR	%	932
TORQUE		
FULL LOAD TORQUE	(Nm)	9.97
STARTING TORQUE	%	390.5
MINIMUM TORQUE	%	363
BREAKDOWN TORQUE	%	412.5
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.006
EFFICIENCY		
100% LOAD	%	88.5
75% LOAD	%	88.5
50% LOAD	%	87
POWER FACTOR		
100% LOAD	%	88
75% LOAD	%	85
50% LOAD	%	76
INSULATION CLASS		F/H
ENCLOSURE TYPE		TEFC
IP RATING		66
WEIGHT OF MOTOR	kgs	39
BEARINGS		
DRIVE END		6206 ZZ C3
NON DRIVE END		6305 ZZ C3
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	57
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C