



DATASHEET

TECO MAX-Ex (Exe,ExnA,ExtD)

MOTOR SERIES	TECO MAX-Ex (Exe,ExnA,ExtD)		
START METHOD			DIRECT ON LINE
KW RATING			37
VOLTAGE	(V)		415
PHASES			3
FREQUENCY	(Hz)		50
NO OF POLES			2
FRAME			200LA
SPEED			
SYNCHRONOUS	(rpm)		3000
FULL LOAD	(rpm)		2960
CURRENT			
FULL LOAD	(Amps)		59.6
LOCKED ROTOR	%		780
TORQUE			
FULL LOAD TORQUE	(Nm)		119.38
STARTING TORQUE	%		214.5
MINIMUM TORQUE	%	154	
BREAKDOWN TORQUE	%		302.5
ROTOR INERTIA (J = GD²/4)	(Kgm ²)		0.1883
EFFICIENCY			
100% LOAD	%		94.9
75% LOAD	%		94.5
50% LOAD	%		93.5
POWER FACTOR			
100% LOAD	%		91
75% LOAD	%		90.5
50% LOAD	%		87
INSULATION CLASS			F/H
ENCLOSURE TYPE			TEFC
IP RATING			66
WEIGHT OF MOTOR	kgs		300
BEARINGS			
DRIVE END			6312 C3
NON DRIVE END			6212 C3
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA		76
DESIGN STANDARD			AS1359
CERTIFICATION			
TEMPERATURE RISE ABOVE AMBIENT			< 80 DEG C