



DATASHEET

TECO MAX-Ex (Exe,ExnA,ExtD)

MOTOR SERIES	TECO MAX-Ex (Exe,ExnA,ExtD)	
START METHOD		DIRECT ON LINE
KW RATING		22
VOLTAGE	(V)	415
PHASES		3
FREQUENCY	(Hz)	50
NO OF POLES		2
FRAME		180MA
SPEED		
SYNCHRONOUS	(rpm)	3000
FULL LOAD	(rpm)	2950
CURRENT		
FULL LOAD	(Amps)	37.4
LOCKED ROTOR	%	882
TORQUE		
FULL LOAD TORQUE	(Nm)	71.1
STARTING TORQUE	%	247.5
MINIMUM TORQUE	%	198
BREAKDOWN TORQUE	%	302.5
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.0708
EFFICIENCY		
100% LOAD	%	94.1
75% LOAD	%	94
50% LOAD	%	93
POWER FACTOR		
100% LOAD	%	87
75% LOAD	%	85
50% LOAD	%	77
INSULATION CLASS		F/H
ENCLOSURE TYPE		TEFC
IP RATING		66
WEIGHT OF MOTOR	kgs	190
BEARINGS		
DRIVE END		6211 C3
NON DRIVE END		6211 C3
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	72
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C