



DATASHEET

TECO MAX-Ex (Exe,ExnA,ExtD)

MOTOR SERIES	TECO MAX-Ex (Exe,ExnA,ExtD)	
START METHOD		DIRECT ON LINE
KW RATING		185
VOLTAGE	(V)	415
PHASES		3
FREQUENCY	(Hz)	50
NO OF POLES		6
FRAME		315AC
SPEED		
SYNCHRONOUS	(rpm)	1000
FULL LOAD	(rpm)	991
CURRENT		
FULL LOAD	(Amps)	312
LOCKED ROTOR	%	702
TORQUE		
FULL LOAD TORQUE	(Nm)	1803
STARTING TORQUE	%	130
MINIMUM TORQUE	%	111
BREAKDOWN TORQUE	%	228
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	6.33
EFFICIENCY		
100% LOAD	%	96.2
75% LOAD	%	96.2
50% LOAD	%	95.6
POWER FACTOR		
100% LOAD	%	85.8
75% LOAD	%	81.5
50% LOAD	%	71.8
INSULATION CLASS		F/H
ENCLOSURE TYPE		TEFC
IP RATING		66
WEIGHT OF MOTOR	kgs	1730
BEARINGS		
DRIVE END		NU324C3
NON DRIVE END		6220
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C