



DATASHEET

TECO MAX-Ex (Exe,ExnA,ExtD)

MOTOR SERIES	TECO MAX-Ex (Exe,ExnA,ExtD)	
START METHOD		DIRECT ON LINE
KW RATING		15
VOLTAGE	(V)	415
PHASES		3
FREQUENCY	(Hz)	50
NO OF POLES		8
FRAME		200LC
SPEED		
SYNCHRONOUS	(rpm)	750
FULL LOAD	(rpm)	730
CURRENT		
FULL LOAD	(Amps)	29.2
LOCKED ROTOR	%	616
TORQUE		
FULL LOAD TORQUE	(Nm)	196.23
STARTING TORQUE	%	214.5
MINIMUM TORQUE	%	187
BREAKDOWN TORQUE	%	253
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.521
EFFICIENCY		
100% LOAD	%	91.7
75% LOAD	%	90.5
50% LOAD	%	89
POWER FACTOR		
100% LOAD	%	78
75% LOAD	%	72
50% LOAD	%	60
INSULATION CLASS		F/H
ENCLOSURE TYPE		TEFC
IP RATING		66
WEIGHT OF MOTOR	kgs	282
BEARINGS		
DRIVE END		6312 C3
NON DRIVE END		6212 C3
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	57
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C