



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		4
FRAME		160L
SPEED		
SYNCHRONOUS	(rpm)	1500
FULL LOAD	(rpm)	1465
CURRENT		
FULL LOAD	(Amps)	26.1
LOCKED ROTOR	%	747
TORQUE		
FULL LOAD TORQUE	(Nm)	97.6
STARTING TORQUE	%	269.5
MINIMUM TORQUE	%	214.5
BREAKDOWN TORQUE	%	313.5
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.116
EFFICIENCY		
100% LOAD	%	93
75% LOAD	%	93
50% LOAD	%	92.5
POWER FACTOR		
100% LOAD	%	86
75% LOAD	%	83
50% LOAD	%	74.5
INSULATION CLASS		F/H
ENCLOSURE TYPE		TEFC
IP RATING		66
WEIGHT OF MOTOR	kgs	158
BEARINGS		
DRIVE END		6309 ZZ C3
NON DRIVE END		6307 ZZ C3
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	56
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C