



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		6
FRAME		180LC
SPEED		
SYNCHRONOUS	(rpm)	1000
FULL LOAD	(rpm)	970
CURRENT		
FULL LOAD	(Amps)	27
LOCKED ROTOR	%	630
TORQUE		
FULL LOAD TORQUE	(Nm)	147
STARTING TORQUE	%	253
MINIMUM TORQUE	%	181.5
BREAKDOWN TORQUE	%	275
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.3355
EFFICIENCY		
100% LOAD	%	92
75% LOAD	%	92
50% LOAD	%	92
POWER FACTOR		
100% LOAD	%	84
75% LOAD	%	81
50% LOAD	%	72.5
INSULATION CLASS		F/H
ENCLOSURE TYPE		TEFC
IP RATING		66
WEIGHT OF MOTOR	kgs	205
BEARINGS		
DRIVE END		6311 ZZ C3
NON DRIVE END		6310 ZZ C3
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	58
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C