



DATASHEET

TECO MAX-Ex (Exe,ExnA,ExtD)

MOTOR SERIES	TECO MAX-Ex (Exe,ExnA,ExtD)	
START METHOD		DIRECT ON LINE
KW RATING		1.5
VOLTAGE	(V)	415
PHASES		3
FREQUENCY	(Hz)	50
NO OF POLES		8
FRAME		112M
SPEED		
SYNCHRONOUS	(rpm)	750
FULL LOAD	(rpm)	705
CURRENT		
FULL LOAD	(Amps)	3.82
LOCKED ROTOR	%	523
TORQUE		
FULL LOAD TORQUE	(Nm)	20.32
STARTING TORQUE	%	187
MINIMUM TORQUE	%	170.5
BREAKDOWN TORQUE	%	258.5
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.023
EFFICIENCY		
100% LOAD	%	82.1
75% LOAD	%	81
50% LOAD	%	78.5
POWER FACTOR		
100% LOAD	%	66.5
75% LOAD	%	58
50% LOAD	%	45
INSULATION CLASS		F/H
ENCLOSURE TYPE		TEFC
IP RATING		66
WEIGHT OF MOTOR	kgs	50
BEARINGS		
DRIVE END		6306 ZZ C3
NON DRIVE END		6306 ZZ C3
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	49
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C