



DATASHEET

TECO MAX-Ex (Exe,ExnA,ExtD)

MOTOR SERIES	TECO MAX-Ex (Exe,ExnA,ExtD)	
START METHOD		DIRECT ON LINE
KW RATING		5.5
VOLTAGE	(V)	415
PHASES		3
FREQUENCY	(Hz)	50
NO OF POLES		8
FRAME		160M
SPEED		
SYNCHRONOUS	(rpm)	750
FULL LOAD	(rpm)	720
CURRENT		
FULL LOAD	(Amps)	12.2
LOCKED ROTOR	%	615
TORQUE		
FULL LOAD TORQUE	(Nm)	72.8
STARTING TORQUE	%	220
MINIMUM TORQUE	%	203.5
BREAKDOWN TORQUE	%	302.5
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.126
EFFICIENCY		
100% LOAD	%	88
75% LOAD	%	87
50% LOAD	%	85
POWER FACTOR		
100% LOAD	%	71.5
75% LOAD	%	63
50% LOAD	%	50
INSULATION CLASS		F/H
ENCLOSURE TYPE		TEFC
IP RATING		66
WEIGHT OF MOTOR	kgs	133
BEARINGS		
DRIVE END		6309 ZZ C3
NON DRIVE END		6307 ZZ C3
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	54
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C