



DATASHEET

TECO MAX-Ex (Exe,ExnA,ExtD)

MOTOR SERIES	TECO MAX-Ex (Exe,ExnA,ExtD)	
START METHOD		DIRECT ON LINE
KW RATING		2.2
VOLTAGE	(V)	240
PHASES		3
FREQUENCY	(Hz)	50
NO OF POLES		8
FRAME		132S
SPEED		
SYNCHRONOUS	(rpm)	750
FULL LOAD	(rpm)	705
CURRENT		
FULL LOAD	(Amps)	9.06
LOCKED ROTOR	%	572
TORQUE		
FULL LOAD TORQUE	(Nm)	29.8
STARTING TORQUE	%	253
MINIMUM TORQUE	%	225.5
BREAKDOWN TORQUE	%	291.5
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.035
EFFICIENCY		
100% LOAD	%	84.6
75% LOAD	%	83.5
50% LOAD	%	82
POWER FACTOR		
100% LOAD	%	69
75% LOAD	%	60
50% LOAD	%	46.5
INSULATION CLASS		F/H
ENCLOSURE TYPE		TEFC
IP RATING		66
WEIGHT OF MOTOR	kgs	75
BEARINGS		
DRIVE END		6308 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