



DATASHEET

TECO MAX-Ex (Exe,ExnA,ExtD)

MOTOR SERIES	TECO MAX-Ex (Exe,ExnA,ExtD)	
START METHOD		DIRECT ON LINE
KW RATING		4
VOLTAGE	(V)	240
PHASES		3
FREQUENCY	(Hz)	50
NO OF POLES		2
FRAME		112M
SPEED		
SYNCHRONOUS	(rpm)	3000
FULL LOAD	(rpm)	2885
CURRENT		
FULL LOAD	(Amps)	11.85
LOCKED ROTOR	%	949
TORQUE		
FULL LOAD TORQUE	(Nm)	13.24
STARTING TORQUE	%	346.5
MINIMUM TORQUE	%	330
BREAKDOWN TORQUE	%	385
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.012
EFFICIENCY		
100% LOAD	%	90.3
75% LOAD	%	90.5
50% LOAD	%	90
POWER FACTOR		
100% LOAD	%	90
75% LOAD	%	87
50% LOAD	%	80
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	57
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C