



DATASHEET

TECO MAX-Ex (Exe,ExnA,ExtD)

MOTOR SERIES	TECO MAX-Ex (Exe,ExnA,ExtD)	
START METHOD		DIRECT ON LINE
KW RATING		450
VOLTAGE	(V)	415
PHASES		3
FREQUENCY	(Hz)	50
NO OF POLES		4
FRAME		355CC
SPEED		
SYNCHRONOUS	(rpm)	1500
FULL LOAD	(rpm)	1490
CURRENT		
FULL LOAD	(Amps)	721
LOCKED ROTOR	%	729
TORQUE		
FULL LOAD TORQUE	(Nm)	2871
STARTING TORQUE	%	111
MINIMUM TORQUE	%	94
BREAKDOWN TORQUE	%	239
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	11.48
EFFICIENCY		
100% LOAD	%	97
75% LOAD	%	97
50% LOAD	%	96.7
POWER FACTOR		
100% LOAD	%	89.5
75% LOAD	%	88.1
50% LOAD	%	82.7
INSULATION CLASS		F/H
ENCLOSURE TYPE		TEFC
IP RATING		66
WEIGHT OF MOTOR	kgs	2780
BEARINGS		
DRIVE END		NU326C3
NON DRIVE END		6220
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C