



DATASHEET

TECO MAX-Ex (Exe,ExnA,ExtD)

MOTOR SERIES	TECO MAX-Ex (Exe,ExnA,ExtD)	
START METHOD		DIRECT ON LINE
KW RATING		300
VOLTAGE	(V)	415
PHASES		3
FREQUENCY	(Hz)	50
NO OF POLES		4
FRAME		315DC
SPEED		
SYNCHRONOUS	(rpm)	1500
FULL LOAD	(rpm)	1490
CURRENT		
FULL LOAD	(Amps)	476
LOCKED ROTOR	%	795
TORQUE		
FULL LOAD TORQUE	(Nm)	1911
STARTING TORQUE	%	123
MINIMUM TORQUE	%	105
BREAKDOWN TORQUE	%	259
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	7.53
EFFICIENCY		
100% LOAD	%	96.9
75% LOAD	%	96.9
50% LOAD	%	96.6
POWER FACTOR		
100% LOAD	%	90.4
75% LOAD	%	87.7
50% LOAD	%	80.3
INSULATION CLASS		F/H
ENCLOSURE TYPE		TEFC
IP RATING		66
WEIGHT OF MOTOR	kgs	2000
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