



DATASHEET

TECO MAX-Ex (Exe,ExnA,ExtD)

MOTOR SERIES	TECO MAX-Ex (Exe,ExnA,ExtD)	
START METHOD		DIRECT ON LINE
KW RATING		185
VOLTAGE	(V)	415
PHASES		3
FREQUENCY	(Hz)	50
NO OF POLES		4
FRAME		315MC
SPEED		
SYNCHRONOUS	(rpm)	1500
FULL LOAD	(rpm)	1486
CURRENT		
FULL LOAD	(Amps)	300
LOCKED ROTOR	%	767
TORQUE		
FULL LOAD TORQUE	(Nm)	1186
STARTING TORQUE	%	110
MINIMUM TORQUE	%	99
BREAKDOWN TORQUE	%	242
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	3.6
EFFICIENCY		
100% LOAD	%	97
75% LOAD	%	96
50% LOAD	%	95.7
POWER FACTOR		
100% LOAD	%	88.5
75% LOAD	%	85
50% LOAD	%	79.5
INSULATION CLASS		F/H
ENCLOSURE TYPE		TEFC
IP RATING		66
WEIGHT OF MOTOR	kgs	1150
BEARINGS		
DRIVE END		NU320 C3
NON DRIVE END		6316 C3
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	82
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C