



DATASHEET

TECO MAX-Ex (Exe,ExnA,ExtD)

MOTOR SERIES	TECO MAX-Ex (Exe,ExnA,ExtD)	
START METHOD		DIRECT ON LINE
KW RATING		75
VOLTAGE	(V)	415
PHASES		3
FREQUENCY	(Hz)	50
NO OF POLES		4
FRAME		250MC
SPEED		
SYNCHRONOUS	(rpm)	1500
FULL LOAD	(rpm)	1480
CURRENT		
FULL LOAD	(Amps)	127
LOCKED ROTOR	%	740
TORQUE		
FULL LOAD TORQUE	(Nm)	483.95
STARTING TORQUE	%	242
MINIMUM TORQUE	%	253
BREAKDOWN TORQUE	%	275
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	1.1225
EFFICIENCY		
100% LOAD	%	95.7
75% LOAD	%	95
50% LOAD	%	95
POWER FACTOR		
100% LOAD	%	86
75% LOAD	%	84.5
50% LOAD	%	79
INSULATION CLASS		F/H
ENCLOSURE TYPE		TEFC
IP RATING		66
WEIGHT OF MOTOR	kgs	570
BEARINGS		
DRIVE END		NU 316 C3
NON DRIVE END		6313 C3
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	72
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C