



DATASHEET

TECO MAX-Ex (Exe,ExnA,ExtD)

MOTOR SERIES	TECO MAX-Ex (Exe,ExnA,ExtD)	
START METHOD		DIRECT ON LINE
KW RATING		18.5
VOLTAGE	(V)	415
PHASES		3
FREQUENCY	(Hz)	50
NO OF POLES		8
FRAME		225SC
SPEED		
SYNCHRONOUS	(rpm)	750
FULL LOAD	(rpm)	735
CURRENT		
FULL LOAD	(Amps)	35.7
LOCKED ROTOR	%	532
TORQUE		
FULL LOAD TORQUE	(Nm)	240.37
STARTING TORQUE	%	214.5
MINIMUM TORQUE	%	137.5
BREAKDOWN TORQUE	%	214.5
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.727
EFFICIENCY		
100% LOAD	%	93.6
75% LOAD	%	93
50% LOAD	%	92.5
POWER FACTOR		
100% LOAD	%	77
75% LOAD	%	71.5
50% LOAD	%	60
INSULATION CLASS		F/H
ENCLOSURE TYPE		TEFC
IP RATING		66
WEIGHT OF MOTOR	kgs	360
BEARINGS		
DRIVE END		6313 C3
NON DRIVE END		6213 C3
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	58
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C