



DATASHEET

TECO MAX-Ex (Exe,ExnA,ExtD)

MOTOR SERIES	TECO MAX-Ex (Exe,ExnA,ExtD)	
START METHOD		DIRECT ON LINE
KW RATING		37
VOLTAGE	(V)	415
PHASES		3
FREQUENCY	(Hz)	50
NO OF POLES		4
FRAME		225SC
SPEED		
SYNCHRONOUS	(rpm)	1500
FULL LOAD	(rpm)	1480
CURRENT		
FULL LOAD	(Amps)	63.5
LOCKED ROTOR	%	724
TORQUE		
FULL LOAD TORQUE	(Nm)	238.75
STARTING TORQUE	%	225.5
MINIMUM TORQUE	%	203.5
BREAKDOWN TORQUE	%	319
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.474
EFFICIENCY		
100% LOAD	%	95.4
75% LOAD	%	95
50% LOAD	%	94.5
POWER FACTOR		
100% LOAD	%	85
75% LOAD	%	82
50% LOAD	%	74
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	64
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C