



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		2
FRAME		250MA
SPEED		
SYNCHRONOUS	(rpm)	3000
FULL LOAD	(rpm)	2960
CURRENT		
FULL LOAD	(Amps)	119
LOCKED ROTOR	%	693
TORQUE		
FULL LOAD TORQUE	(Nm)	241.98
STARTING TORQUE	%	154
MINIMUM TORQUE	%	143
BREAKDOWN TORQUE	%	324.5
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.454
EFFICIENCY		
100% LOAD	%	95.5
75% LOAD	%	95
50% LOAD	%	95
POWER FACTOR		
100% LOAD	%	92
75% LOAD	%	91
50% LOAD	%	88
INSULATION CLASS		F/H
ENCLOSURE TYPE		TEFC
IP RATING		66
WEIGHT OF MOTOR	kgs	540
BEARINGS		
DRIVE END		6313 C3
NON DRIVE END		6213 C3
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	78
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C