



DATASHEET

TECO MAX-Ex (Exe,ExnA,ExtD)

MOTOR SERIES	TECO MAX-Ex (Exe,ExnA,ExtD)	
START METHOD		DIRECT ON LINE
KW RATING		3
VOLTAGE	(V)	415
PHASES		3
FREQUENCY	(Hz)	50
NO OF POLES		8
FRAME		132M
SPEED		
SYNCHRONOUS	(rpm)	750
FULL LOAD	(rpm)	715
CURRENT		
FULL LOAD	(Amps)	7.65
LOCKED ROTOR	%	88
TORQUE		
FULL LOAD TORQUE	(Nm)	40
STARTING TORQUE	%	308
MINIMUM TORQUE	%	286
BREAKDOWN TORQUE	%	363
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.045
EFFICIENCY		
100% LOAD	%	85.3
75% LOAD	%	85
50% LOAD	%	83
POWER FACTOR		
100% LOAD	%	64
75% LOAD	%	54.5
50% LOAD	%	41
INSULATION CLASS		F/H
ENCLOSURE TYPE		TEFC
IP RATING		66
WEIGHT OF MOTOR	kgs	82
BEARINGS		
DRIVE END		6308 ZZ C3
NON DRIVE END		6306 ZZ C3
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	50
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C