



DATASHEET

TECO MAX-Ex (Exe,ExnA,ExtD)

MOTOR SERIES	TECO MAX-Ex (Exe,ExnA,ExtD)	
START METHOD		DIRECT ON LINE
KW RATING		5.5
VOLTAGE	(V)	415
PHASES		3
FREQUENCY	(Hz)	50
NO OF POLES		6
FRAME		132M
SPEED		
SYNCHRONOUS	(rpm)	1000
FULL LOAD	(rpm)	970
CURRENT		
FULL LOAD	(Amps)	11.5
LOCKED ROTOR	%	826
TORQUE		
FULL LOAD TORQUE	(Nm)	54.15
STARTING TORQUE	%	269.5
MINIMUM TORQUE	%	236.5
BREAKDOWN TORQUE	%	368.5
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.054
EFFICIENCY		
100% LOAD	%	89.5
75% LOAD	%	89.5
50% LOAD	%	88.5
POWER FACTOR		
100% LOAD	%	74.5
75% LOAD	%	66.5
50% LOAD	%	54
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	53
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C