



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		4
FRAME		100L
SPEED		
SYNCHRONOUS	(rpm)	1500
FULL LOAD	(rpm)	1450
CURRENT		
FULL LOAD	(Amps)	5.98
LOCKED ROTOR	%	903
TORQUE		
FULL LOAD TORQUE	(Nm)	19.7
STARTING TORQUE	%	313.5
MINIMUM TORQUE	%	220
BREAKDOWN TORQUE	%	396
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.013
EFFICIENCY		
100% LOAD	%	89.5
75% LOAD	%	87.5
50% LOAD	%	85.5
POWER FACTOR		
100% LOAD	%	78
75% LOAD	%	69
50% LOAD	%	54.5
INSULATION CLASS		F/H
ENCLOSURE TYPE		TEFC
IP RATING		66
WEIGHT OF MOTOR	kgs	39
BEARINGS		
DRIVE END		6206 ZZ C3
NON DRIVE END		6305 ZZ C3
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	49
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C