



DATASHEET

TECO MAX-Ex (Exe,ExnA,ExtD)

MOTOR SERIES	TECO MAX-Ex (Exe,ExnA,ExtD)	
START METHOD		DIRECT ON LINE
KW RATING		2.2
VOLTAGE	(V)	415
PHASES		3
FREQUENCY	(Hz)	50
NO OF POLES		4
FRAME		100L
SPEED		
SYNCHRONOUS	(rpm)	1500
FULL LOAD	(rpm)	1455
CURRENT		
FULL LOAD	(Amps)	4.27
LOCKED ROTOR	%	913
TORQUE		
FULL LOAD TORQUE	(Nm)	14.44
STARTING TORQUE	%	302.5
MINIMUM TORQUE	%	214.5
BREAKDOWN TORQUE	%	390.5
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.012
EFFICIENCY		
100% LOAD	%	88.5
75% LOAD	%	88
50% LOAD	%	86
POWER FACTOR		
100% LOAD	%	81
75% LOAD	%	73
50% LOAD	%	59
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