



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		2
FRAME		90L
SPEED		
SYNCHRONOUS	(rpm)	3000
FULL LOAD	(rpm)	2900
CURRENT		
FULL LOAD	(Amps)	4.37
LOCKED ROTOR	%	892
TORQUE		
FULL LOAD TORQUE	(Nm)	7.23
STARTING TORQUE	%	374
MINIMUM TORQUE	%	324.5
BREAKDOWN TORQUE	%	445.5
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.004
EFFICIENCY		
100% LOAD	%	87.5
75% LOAD	%	87
50% LOAD	%	85
POWER FACTOR		
100% LOAD	%	80
75% LOAD	%	72
50% LOAD	%	58
INSULATION CLASS		F/H
ENCLOSURE TYPE		TEFC
IP RATING		66
WEIGHT OF MOTOR	kgs	29
BEARINGS		
DRIVE END		6205 ZZ C3
NON DRIVE END		6205 ZZ C3
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	55
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C