



DATASHEET

TECO MAX-Ex (Exe,ExnA,ExtD)

MOTOR SERIES	TECO MAX-Ex (Exe,ExnA,ExtD)	
START METHOD		DIRECT ONLINE
KW RATING		0.37
VOLTAGE	(V)	415
PHASES		3
FREQUENCY	(Hz)	50
NO OF POLES		8
FRAME		90S
SPEED		
SYNCHRONOUS	(rpm)	750
FULL LOAD	(rpm)	710
CURRENT		
FULL LOAD	(Amps)	1.23
LOCKED ROTOR	%	388
TORQUE		
FULL LOAD TORQUE	(Nm)	4.98
STARTING TORQUE	%	214.5
MINIMUM TORQUE	%	209
BREAKDOWN TORQUE	%	291.5
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.0045
EFFICIENCY		
100% LOAD	%	70.5
75% LOAD	%	68
50% LOAD	%	62.5
POWER FACTOR		
100% LOAD	%	60
75% LOAD	%	51
50% LOAD	%	39.5
INSULATION CLASS		F/H
ENCLOSURE TYPE		TEFC
IP RATING		66
WEIGHT OF MOTOR	kgs	22
BEARINGS		
DRIVE END		6205 ZZ C3
NON DRIVE END		6205 ZZ C3
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	49
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C