



DATASHEET

TECO MAX-Ex (Exe,ExnA,ExtD)

MOTOR SERIES	TECO MAX-Ex (Exe,ExnA,ExtD)	
START METHOD		DIRECT ON LINE
KW RATING		0.75
VOLTAGE	(V)	240
PHASES		3
FREQUENCY	(Hz)	50
NO OF POLES		8
FRAME		100L
SPEED		
SYNCHRONOUS	(rpm)	750
FULL LOAD	(rpm)	700
CURRENT		
FULL LOAD	(Amps)	3.93
LOCKED ROTOR	%	441
TORQUE		
FULL LOAD TORQUE	(Nm)	10.23
STARTING TORQUE	%	258.5
MINIMUM TORQUE	%	242
BREAKDOWN TORQUE	%	253
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.0011
EFFICIENCY		
100% LOAD	%	76.6
75% LOAD	%	76.5
50% LOAD	%	73
POWER FACTOR		
100% LOAD	%	60
75% LOAD	%	50.5
50% LOAD	%	38.5
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