



DATASHEET

TECO MAX-Ex (Exe,ExnA,ExtD)

MOTOR SERIES	TECO MAX-Ex (Exe,ExnA,ExtD)		
START METHOD			DIRECT ONLINE
KW RATING			0.55
VOLTAGE	(V)		240
PHASES			3
FREQUENCY	(Hz)		50
NO OF POLES			8
FRAME			90L
SPEED			
SYNCHRONOUS	(rpm)		750
FULL LOAD	(rpm)		690
CURRENT			
FULL LOAD	(Amps)		2.75
LOCKED ROTOR	%		365
TORQUE			
FULL LOAD TORQUE	(Nm)		7.61
STARTING TORQUE	%		187
MINIMUM TORQUE	%	159.5	
BREAKDOWN TORQUE	%		225.5
ROTOR INERTIA (J = GD²/4)	(Kgm ²)		0.0058
EFFICIENCY			
100% LOAD	%		70
75% LOAD	%		70
50% LOAD	%		66
POWER FACTOR			
100% LOAD	%		70
75% LOAD	%		61
50% LOAD	%		49
INSULATION CLASS			F/H
ENCLOSURE TYPE			TEFC
IP RATING			66
WEIGHT OF MOTOR	kgs		27
BEARINGS			
DRIVE END			6205 ZZ C3
NON DRIVE END			6205 ZZ C3
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA		47
DESIGN STANDARD			AS1359
CERTIFICATION			
TEMPERATURE RISE ABOVE AMBIENT			< 80 DEG C