



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)	415
PHASES		3
FREQUENCY	(Hz)	50
NO OF POLES		6
FRAME		80
SPEED		
SYNCHRONOUS	(rpm)	1000
FULL LOAD	(rpm)	910
CURRENT		
FULL LOAD	(Amps)	1.59
LOCKED ROTOR	%	365
TORQUE		
FULL LOAD TORQUE	(Nm)	5.77
STARTING TORQUE	%	253
MINIMUM TORQUE	%	231
BREAKDOWN TORQUE	%	253
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.003
EFFICIENCY		
100% LOAD	%	68
75% LOAD	%	68
50% LOAD	%	63
POWER FACTOR		
100% LOAD	%	72
75% LOAD	%	62
50% LOAD	%	49
INSULATION CLASS		F/H
ENCLOSURE TYPE		TEFC
IP RATING		66
WEIGHT OF MOTOR	kgs	18
BEARINGS		
DRIVE END		6204 ZZ C3
NON DRIVE END		6204 ZZ C3
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	48
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C