



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		2
FRAME		71
SPEED		
SYNCHRONOUS	(rpm)	3000
FULL LOAD	(rpm)	2780
CURRENT		
FULL LOAD	(Amps)	1.28
LOCKED ROTOR	%	563
TORQUE		
FULL LOAD TORQUE	(Nm)	1.89
STARTING TORQUE	%	330
MINIMUM TORQUE	%	286
BREAKDOWN TORQUE	%	308
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.0008
EFFICIENCY		
100% LOAD	%	73
75% LOAD	%	72
50% LOAD	%	68
POWER FACTOR		
100% LOAD	%	83
75% LOAD	%	75
50% LOAD	%	62
INSULATION CLASS		F/H
ENCLOSURE TYPE		TEFC
IP RATING		66
WEIGHT OF MOTOR	kgs	16
BEARINGS		
DRIVE END		6202 ZZ C3
NON DRIVE END		6202 ZZ C3
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	53
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C