



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		4
FRAME		80
SPEED		
SYNCHRONOUS	(rpm)	1500
FULL LOAD	(rpm)	1405
CURRENT		
FULL LOAD	(Amps)	1.47
LOCKED ROTOR	%	524
TORQUE		
FULL LOAD TORQUE	(Nm)	3.74
STARTING TORQUE	%	286
MINIMUM TORQUE	%	253
BREAKDOWN TORQUE	%	308
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.0018
EFFICIENCY		
100% LOAD	%	71.5
75% LOAD	%	70.5
50% LOAD	%	65
POWER FACTOR		
100% LOAD	%	74
75% LOAD	%	65
50% LOAD	%	52
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