



DATASHEET

TECO MAX-Ex (Exe,ExnA,ExtD)

MOTOR SERIES	TECO MAX-Ex (Exe,ExnA,ExtD)	
START METHOD		DIRECT ONLINE
KW RATING		0.18
VOLTAGE	(V)	240
PHASES		3
FREQUENCY	(Hz)	50
NO OF POLES		8
FRAME		80
SPEED		
SYNCHRONOUS	(rpm)	750
FULL LOAD	(rpm)	705
CURRENT		
FULL LOAD	(Amps)	1.83
LOCKED ROTOR	%	302
TORQUE		
FULL LOAD TORQUE	(Nm)	2.44
STARTING TORQUE	%	396
MINIMUM TORQUE	%	385
BREAKDOWN TORQUE	%	407
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.0025
EFFICIENCY		
100% LOAD	%	52
75% LOAD	%	48
50% LOAD	%	39
POWER FACTOR		
100% LOAD	%	47
75% LOAD	%	41
50% LOAD	%	34
INSULATION CLASS		F/H
ENCLOSURE TYPE		TEFC
IP RATING		66
WEIGHT OF MOTOR	kgs	16
BEARINGS		
DRIVE END		6204 ZZ C3
NON DRIVE END		6204 ZZ C3
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	44
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C