



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)	415
PHASES		3
FREQUENCY	(Hz)	50
NO OF POLES		6
FRAME		71
SPEED		
SYNCHRONOUS	(rpm)	1000
FULL LOAD	(rpm)	910
CURRENT		
FULL LOAD	(Amps)	0.66
LOCKED ROTOR	%	379
TORQUE		
FULL LOAD TORQUE	(Nm)	1.89
STARTING TORQUE	%	286
MINIMUM TORQUE	%	264
BREAKDOWN TORQUE	%	308
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.0018
EFFICIENCY		
100% LOAD	%	61
75% LOAD	%	57
50% LOAD	%	50
POWER FACTOR		
100% LOAD	%	64
75% LOAD	%	55
50% LOAD	%	44
INSULATION CLASS		F/H
ENCLOSURE TYPE		TEFC
IP RATING		66
WEIGHT OF MOTOR	kgs	12
BEARINGS		
DRIVE END		6202 ZZ C3
NON DRIVE END		6202 ZZ C3
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	45
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C