



DATASHEET

TECO MAX-Ex (Exe,ExnA,ExtD)

MOTOR SERIES	TECO MAX-Ex (Exe,ExnA,ExtD)	
START METHOD		DIRECT ON LINE
KW RATING		11
VOLTAGE	(V)	415
PHASES		3
FREQUENCY	(Hz)	50
NO OF POLES		6
FRAME		160L
SPEED		
SYNCHRONOUS	(rpm)	1000
FULL LOAD	(rpm)	965
CURRENT		
FULL LOAD	(Amps)	20.9
LOCKED ROTOR	%	766
TORQUE		
FULL LOAD TORQUE	(Nm)	108.86
STARTING TORQUE	%	313.5
MINIMUM TORQUE	%	280.5
BREAKDOWN TORQUE	%	324.5
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.158
EFFICIENCY		
100% LOAD	%	91.5
75% LOAD	%	91
50% LOAD	%	90.5
POWER FACTOR		
100% LOAD	%	80
75% LOAD	%	74.5
50% LOAD	%	63
INSULATION CLASS		F/H
ENCLOSURE TYPE		TEFC
IP RATING		66
WEIGHT OF MOTOR	kgs	158
BEARINGS		
DRIVE END		6309 ZZ C3
NON DRIVE END		6307 ZZ C3
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	59
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C