



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		8
FRAME		180LC
SPEED		
SYNCHRONOUS	(rpm)	750
FULL LOAD	(rpm)	720
CURRENT		
FULL LOAD	(Amps)	20.6
LOCKED ROTOR	%	606
TORQUE		
FULL LOAD TORQUE	(Nm)	145.9
STARTING TORQUE	%	187
MINIMUM TORQUE	%	165
BREAKDOWN TORQUE	%	231
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.32
EFFICIENCY		
100% LOAD	%	90.5
75% LOAD	%	90.5
50% LOAD	%	90
POWER FACTOR		
100% LOAD	%	72
75% LOAD	%	61
50% LOAD	%	52.5
INSULATION CLASS		F/H
ENCLOSURE TYPE		TEFC
IP RATING		66
WEIGHT OF MOTOR	kgs	210
BEARINGS		
DRIVE END		6311 ZZ C3
NON DRIVE END		6310 ZZ C3
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	56
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C