



DATASHEET

TECO MAX-Ex (Exe,ExnA,ExtD)

MOTOR SERIES	TECO MAX-Ex (Exe,ExnA,ExtD)	
START METHOD		DIRECT ON LINE
KW RATING		3
VOLTAGE	(V)	415
PHASES		3
FREQUENCY	(Hz)	50
NO OF POLES		6
FRAME		132S
SPEED		
SYNCHRONOUS	(rpm)	1000
FULL LOAD	(rpm)	970
CURRENT		
FULL LOAD	(Amps)	6.03
LOCKED ROTOR	%	746
TORQUE		
FULL LOAD TORQUE	(Nm)	29.54
STARTING TORQUE	%	220
MINIMUM TORQUE	%	198
BREAKDOWN TORQUE	%	324.5
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.039
EFFICIENCY		
100% LOAD	%	88.8
75% LOAD	%	87.5
50% LOAD	%	86
POWER FACTOR		
100% LOAD	%	78
75% LOAD	%	71
50% LOAD	%	59
INSULATION CLASS		F/H
ENCLOSURE TYPE		TEFC
IP RATING		66
WEIGHT OF MOTOR	kgs	75
BEARINGS		
DRIVE END		6308 ZZ C3
NON DRIVE END		6306 ZZ C3
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	51
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C