



DATASHEET

TECO MAX-Ex (Exe,ExnA,ExtD)

MOTOR SERIES	TECO MAX-Ex (Exe,ExnA,ExtD)	
START METHOD		DIRECT ON LINE
KW RATING		7.5
VOLTAGE	(V)	415
PHASES		3
FREQUENCY	(Hz)	50
NO OF POLES		4
FRAME		132M
SPEED		
SYNCHRONOUS	(rpm)	1500
FULL LOAD	(rpm)	1465
CURRENT		
FULL LOAD	(Amps)	13.4
LOCKED ROTOR	%	896
TORQUE		
FULL LOAD TORQUE	(Nm)	48.8
STARTING TORQUE	%	280.5
MINIMUM TORQUE	%	214.5
BREAKDOWN TORQUE	%	379.5
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.043
EFFICIENCY		
100% LOAD	%	91.7
75% LOAD	%	92
50% LOAD	%	91.5
POWER FACTOR		
100% LOAD	%	85
75% LOAD	%	80.5
50% LOAD	%	71
INSULATION CLASS		F/H
ENCLOSURE TYPE		TEFC
IP RATING		66
WEIGHT OF MOTOR	kgs	82
BEARINGS		
DRIVE END		6308 ZZ C3
NON DRIVE END		6306 ZZ C3
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	55
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C