



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		2
FRAME		132S
SPEED		
SYNCHRONOUS	(rpm)	3000
FULL LOAD	(rpm)	2920
CURRENT		
FULL LOAD	(Amps)	13.4
LOCKED ROTOR	%	821
TORQUE		
FULL LOAD TORQUE	(Nm)	24.53
STARTING TORQUE	%	231
MINIMUM TORQUE	%	192.5
BREAKDOWN TORQUE	%	302.5
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.021
EFFICIENCY		
100% LOAD	%	91.7
75% LOAD	%	91
50% LOAD	%	91.5
POWER FACTOR		
100% LOAD	%	85
75% LOAD	%	79
50% LOAD	%	70
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	64
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C