



DATASHEET

Te3 CAST IRON FRAME TO 500KW

MOTOR SERIES	Te3 CAST IRON FRAME TO 500KW	
START METHOD		DIRECT ON LINE
KW RATING		2.2
VOLTAGE	(V)	415
PHASES		3
FREQUENCY	(Hz)	50
NO OF POLES		4
FRAME		100L
SPEED		
SYNCHRONOUS	(rpm)	1500
FULL LOAD	(rpm)	1425
CURRENT		
FULL LOAD	(Amps)	4.38
LOCKED ROTOR	%	740
TORQUE		
FULL LOAD TORQUE	(Nm)	14.5
STARTING TORQUE	%	230
MINIMUM TORQUE	%	
BREAKDOWN TORQUE	%	230
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.0077
EFFICIENCY		
100% LOAD	%	86.8
75% LOAD	%	86.2
50% LOAD	%	84.5
POWER FACTOR		
100% LOAD	%	0.81
75% LOAD	%	0.73
50% LOAD	%	0.61
INSULATION CLASS		F
ENCLOSURE TYPE		TEFC
IP RATING		55
WEIGHT OF MOTOR	kgs	40
BEARINGS		
DRIVE END		6206 ZZ
NON DRIVE END		6206 ZZ
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	56
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C