



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		8
FRAME		132S
SPEED		
SYNCHRONOUS	(rpm)	750
FULL LOAD	(rpm)	710
CURRENT		
FULL LOAD	(Amps)	5.33
LOCKED ROTOR	%	600
TORQUE		
FULL LOAD TORQUE	(Nm)	29.5
STARTING TORQUE	%	180
MINIMUM TORQUE	%	
BREAKDOWN TORQUE	%	200
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.0331
EFFICIENCY		
100% LOAD	%	82.1
75% LOAD	%	82.9
50% LOAD	%	81.9
POWER FACTOR		
100% LOAD	%	0.7
75% LOAD	%	0.65
50% LOAD	%	0.51
INSULATION CLASS		F
ENCLOSURE TYPE		TEFC
IP RATING		55
WEIGHT OF MOTOR	kgs	67
BEARINGS		
DRIVE END		6208 ZZ
NON DRIVE END		6208 ZZ
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	53
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C