



# DATASHEET

## Te3 CAST IRON FRAME TO 500KW

<b>MOTOR SERIES</b>	Te3 CAST IRON FRAME TO 500KW		
<b>START METHOD</b>			DIRECT ON LINE
<b>KW RATING</b>			75
<b>VOLTAGE</b>	(V)		415
<b>PHASES</b>			3
<b>FREQUENCY</b>	(Hz)		50
<b>NO OF POLES</b>			2
<b>FRAME</b>			250M
<b>SPEED</b>			
SYNCHRONOUS	(rpm)		
FULL LOAD	(rpm)		
<b>CURRENT</b>			
FULL LOAD	(Amps)		
LOCKED ROTOR	%		
<b>TORQUE</b>			
FULL LOAD TORQUE	(Nm)		
STARTING TORQUE	%		
MINIMUM TORQUE	%		
BREAKDOWN TORQUE	%		
<b>ROTOR INERTIA (J = GD<sup>2</sup>/4)</b>	(Kgm <sup>2</sup> )		
<b>EFFICIENCY</b>			
100% LOAD	%		94.7
75% LOAD	%		94.7
50% LOAD	%		93.9
<b>POWER FACTOR</b>			
100% LOAD	%		0.87
75% LOAD	%		0.82
50% LOAD	%		0.75
<b>INSULATION CLASS</b>			
<b>ENCLOSURE TYPE</b>			
<b>IP RATING</b>			
<b>WEIGHT OF MOTOR</b>	kgs		
<b>BEARINGS</b>			
DRIVE END			
NON DRIVE END			
<b>NO LOAD SOUND PRESSURE LEVEL @ 1M</b>	dbA		
<b>DESIGN STANDARD</b>			
<b>CERTIFICATION</b>			
<b>TEMPERATURE RISE ABOVE AMBIENT</b>			