



DATASHEET

3-PHASE MEDIUM VOLTAGE HIGH EFFICIENCY SCIM

MOTOR SERIES	3-PHASE MEDIUM VOLTAGE HIGH EFFICIENCY SCIM	
START METHOD		DIRECT ONLINE
KW RATING		1000
VOLTAGE	(V)	3300
PHASES		3
FREQUENCY	(Hz)	50
NO OF POLES		4
FRAME		450DB*
SPEED		
SYNCHRONOUS	(rpm)	1500
FULL LOAD	(rpm)	1491
CURRENT		
FULL LOAD	(Amps)	211.13
LOCKED ROTOR	%	620
TORQUE		
FULL LOAD TORQUE	(Nm)	6400
STARTING TORQUE	%	100
MINIMUM TORQUE	%	100
BREAKDOWN TORQUE	%	210
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	206.1
EFFICIENCY		
100% LOAD	%	96.1
75% LOAD	%	96.1
50% LOAD	%	95.6
POWER FACTOR		
100% LOAD	%	86.2
75% LOAD	%	83.2
50% LOAD	%	75.3
INSULATION CLASS		F
ENCLOSURE TYPE		TEFC
IP RATING		55
WEIGHT OF MOTOR	kgs	5500
BEARINGS		
DRIVE END		6230
NON DRIVE END		6226
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	83
DESIGN STANDARD		IEC60034
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C