



DATASHEET

3-PHASE MEDIUM VOLTAGE HIGH EFFICIENCY SCIM

MOTOR SERIES	3-PHASE MEDIUM VOLTAGE HIGH EFFICIENCY SCIM	
START METHOD		DIRECT ONLINE
KW RATING		930
VOLTAGE	(V)	3300
PHASES		3
FREQUENCY	(Hz)	50
NO OF POLES		8
FRAME		500CB
SPEED		
SYNCHRONOUS	(rpm)	750
FULL LOAD	(rpm)	744
CURRENT		
FULL LOAD	(Amps)	216.7
LOCKED ROTOR	%	635
TORQUE		
FULL LOAD TORQUE	(Nm)	11963
STARTING TORQUE	%	79
MINIMUM TORQUE	%	75
BREAKDOWN TORQUE	%	207
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	316.3
EFFICIENCY		
100% LOAD	%	95.3
75% LOAD	%	95.4
50% LOAD	%	95.1
POWER FACTOR		
100% LOAD	%	79
75% LOAD	%	73.7
50% LOAD	%	62.2
INSULATION CLASS		F
ENCLOSURE TYPE		TEFC
IP RATING		55
WEIGHT OF MOTOR	kgs	7220
BEARINGS		
DRIVE END		6230
NON DRIVE END		6226
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	80
DESIGN STANDARD		IEC60034
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C