



DATASHEET

AEBH HOLLOW SHAFT

MOTOR SERIES	AEBH HOLLOW SHAFT	
START METHOD		DIRECT ONLINE
KW RATING		37
VOLTAGE	(V)	415
PHASES		3
FREQUENCY	(Hz)	50
NO OF POLES		2
FRAME		200L
SPEED		
SYNCHRONOUS	(rpm)	3000
FULL LOAD	(rpm)	2950
CURRENT		
FULL LOAD	(Amps)	61.25
LOCKED ROTOR	%	652
TORQUE		
FULL LOAD TORQUE	(Nm)	120.5
STARTING TORQUE	%	155
MINIMUM TORQUE	%	135
BREAKDOWN TORQUE	%	260
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.1893
EFFICIENCY		
100% LOAD	%	94
75% LOAD	%	94
50% LOAD	%	92.5
POWER FACTOR		
100% LOAD	%	90
75% LOAD	%	88
50% LOAD	%	84.5
INSULATION CLASS		F
ENCLOSURE TYPE		TEFC
IP RATING		55
WEIGHT OF MOTOR	kgs	310
BEARINGS		
DRIVE END		6312 C3
NON DRIVE END		7315 B
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C