



DATASHEET

AEBH HOLLOW SHAFT

MOTOR SERIES	AEBH HOLLOW SHAFT	
START METHOD		DIRECT ONLINE
KW RATING		18.5
VOLTAGE	(V)	415
PHASES		3
FREQUENCY	(Hz)	50
NO OF POLES		2
FRAME		160L
SPEED		
SYNCHRONOUS	(rpm)	3000
FULL LOAD	(rpm)	2925
CURRENT		
FULL LOAD	(Amps)	30.8
LOCKED ROTOR	%	795
TORQUE		
FULL LOAD TORQUE	(Nm)	60.8
STARTING TORQUE	%	260
MINIMUM TORQUE	%	210
BREAKDOWN TORQUE	%	300
ROTOR INERTIA (J = GD ² /4)	(Kgm ²)	0.0593
EFFICIENCY		
100% LOAD	%	92
75% LOAD	%	92
50% LOAD	%	92
POWER FACTOR		
100% LOAD	%	91.5
75% LOAD	%	89.5
50% LOAD	%	84
INSULATION CLASS		F
ENCLOSURE TYPE		TEFC
IP RATING		55
WEIGHT OF MOTOR	kgs	155
BEARINGS		
DRIVE END		6309 ZZ C3
NON DRIVE END		7311 B
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C