



DATASHEET

AEBH HOLLOW SHAFT

MOTOR SERIES	AEBH HOLLOW SHAFT	
START METHOD		DIRECT ONLINE
KW RATING		75
VOLTAGE	(V)	415
PHASES		3
FREQUENCY	(Hz)	50
NO OF POLES		2
FRAME		250M
SPEED		
SYNCHRONOUS	(rpm)	3000
FULL LOAD	(rpm)	2960
CURRENT		
FULL LOAD	(Amps)	120
LOCKED ROTOR	%	687
TORQUE		
FULL LOAD TORQUE	(Nm)	240.3
STARTING TORQUE	%	140
MINIMUM TORQUE	%	130
BREAKDOWN TORQUE	%	250
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.454
EFFICIENCY		
100% LOAD	%	95
75% LOAD	%	95
50% LOAD	%	94.5
POWER FACTOR		
100% LOAD	%	91
75% LOAD	%	88
50% LOAD	%	85
INSULATION CLASS		F
ENCLOSURE TYPE		TEFC
IP RATING		55
WEIGHT OF MOTOR	kgs	600
BEARINGS		
DRIVE END		6315 C5
NON DRIVE END		7222 B
NO LOAD SOUND PRESSURE LEVEL @ 1M	dbA	
DESIGN STANDARD		AS1359
CERTIFICATION		
TEMPERATURE RISE ABOVE AMBIENT		< 80 DEG C