



DATASHEET

AEBH HOLLOW SHAFT

MOTOR SERIES	AEBH HOLLOW SHAFT	
START METHOD		DIRECT ONLINE
KW RATING		30
VOLTAGE	(V)	415
PHASES		3
FREQUENCY	(Hz)	50
NO OF POLES		2
FRAME		200L
SPEED		
SYNCHRONOUS	(rpm)	3000
FULL LOAD	(rpm)	2955
CURRENT		
FULL LOAD	(Amps)	50.2
LOCKED ROTOR	%	677
TORQUE		
FULL LOAD TORQUE	(Nm)	96.3
STARTING TORQUE	%	175
MINIMUM TORQUE	%	160
BREAKDOWN TORQUE	%	260
ROTOR INERTIA (J = GD²/4)	(Kgm ²)	0.1513
EFFICIENCY		
100% LOAD	%	93
75% LOAD	%	93
50% LOAD	%	92
POWER FACTOR		
100% LOAD	%	89
75% LOAD	%	87.5
50% LOAD	%	83.5
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