

# PRODUCT INFORMATION PACKET

Model No: 080M2B3NM

General Purpose IEC Motor, 1 HP, 3 Ph, 50 Hz, 220/380 V, 2855 RPM, Frame 80M, TEFC

# NEWMAN

TRUST IS POWER

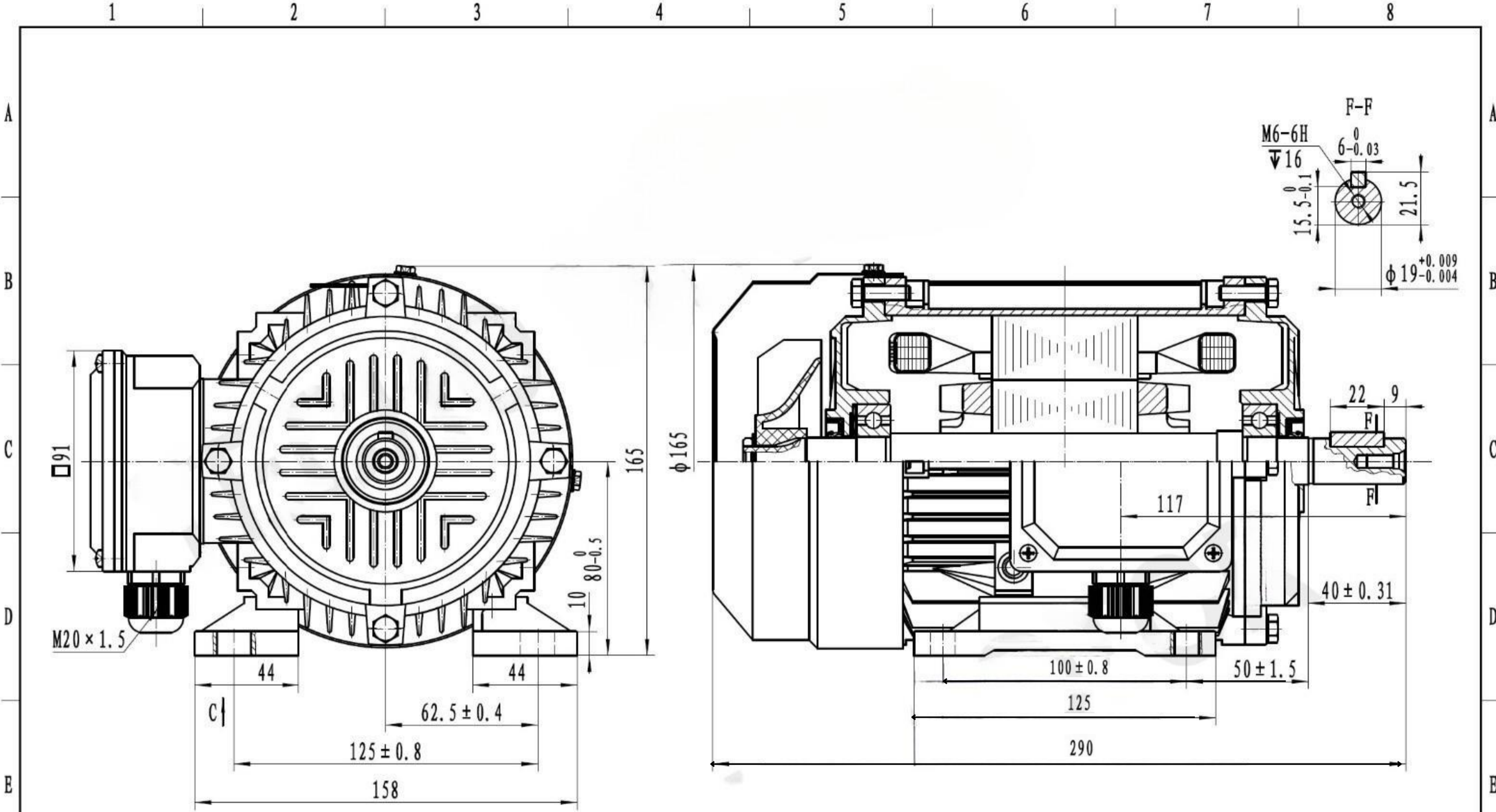


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### Technical Specifications

Output HP	1 Hp	Output KW	0.75 kW
Frequency	50 Hz	Voltage	220VD / 380VY
Rated Current	3.12 / 1.8 A	Speed	2855 rpm
Service Factor	1.0	Phase	3
Efficiency 100%	77.4 %	Power Factor 100%	0.82
Starting Current	6.4	Number of poles	2
Starting Torque	2.3	Rated Torque	2.5 Nm
Frame Size	80M	Enclosure	Totally Enclosed Fan Cooled
Duty	S1= Continuous	Insulation Class	155 (F) / 130 (B)
Explosion Protection	Without (Standard)	Efficiency Class	IE2
Thermal Protection	Without	Direction of Rotation	Bidirectional
Drive End Bearing Size	6204 2RZ	Opp Drive End Bearing Size	6204 2RZ
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Vibration Class	A (Standard)	Terminal Box Position	Terminal Box on Left
Method of Cooling	IC411	Weight	8.7
Type of Construction	IMB3	RAL Color	5001
Altitude About Sea Level	1000 m	Ambient Temperature	40 °C
Motor Orientation	Horizontal	Paint Class	C2 (Standard)
IP Code	55	Frame Material	Aluminum
Shaft Diameter	19mm	Overall Length	40mm



				B3 Left Side Box				
CHK D.		DATE					<b>080M2B3NM IP 55</b>	
APP D.		DATE		WEIGHT (KG)	8.7	SCALE	1:1.5	
						<b>IM B3</b>		

# Curve Torque (M/NM) vs Slip

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Breakdown Torque: 3.129 - Slip: 0.36 // Rated Torque (NM): 2.5 Nm

