

# 13HB Cut Sheet



M.G.M. Electric Motors BAX IE3 premium efficiency AC induction motor, general purpose, inverter rated and brake, 1hp, 3-phase, 230/460 VAC, 1800rpm, TEFC, IEC 80 frame, aluminum, D-flange (B5) mount. Integrated brake assembly included.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/13HB>

## Technical Specifications

<b>Brand</b>	M.G.M. Electric Motors
<b>Item</b>	Motor
<b>Series</b>	BAX
<b>Efficiency Group</b>	IE3 premium efficiency
<b>Efficiency</b>	85.5
<b>Voltage Type</b>	AC
<b>Motor Type</b>	Induction
<b>Motor Application</b>	General purpose, inverter rated and brake
<b>Horsepower Rating</b>	1hp
<b>Number of Phases</b>	3
<b>Voltage Rating</b>	230/460 VAC
<b>Synchronous Speed</b>	1800rpm
<b>Nameplate RPM</b>	1730rpm
<b>Overload Type</b>	None
<b>Enclosure Type</b>	TEFC
<b>Shaft Type</b>	Round with square key
<b>Shaft Diameter</b>	19mm
<b>Shaft Material</b>	C43 steel

<b>Motor Frame</b>	IEC 80
<b>Frame Material</b>	Aluminum
<b>Electrically Reversible</b>	Yes
<b>Insulation Class</b>	Class F
<b>IP Rating</b>	IP54
<b>Constant Torque Rating</b>	5:1
<b>Variable Torque Rating</b>	1000:1
<b>Service Factor</b>	1.15
<b>Integrated Brake</b>	Yes
<b>Brake Voltage Rating</b>	230/460 VAC
<b>Brake Torque Rating</b>	13.2 lb-ft
<b>Manual Brake Release</b>	Yes
<b>Duty Cycle</b>	S1 continuous duty
<b>Junction Box Orientation</b>	F3
<b>Mounting</b>	D-flange (B5)
<b>Mounting Orientation</b>	Horizontal or vertical
<b>Includes</b>	Integrated brake assembly

## Agency Approvals

<b>UL Listed File #</b>	None
<b>UL Recognized File #</b>	None
<b>UL Hazardous File #</b>	None
<b>CE</b>	<a href="#">View CE declarations</a>
<b>CSA File #</b>	189724
<b>RoHS Status</b>	Yes (See CE Doc)
<b>EU REACH</b>	<a href="#">View EU REACH document</a>

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/2d/13HB.pdf>  
See store item page for other formats.