

Data sheet for three-phase Squirrel-Cage-Motors ABB

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|-------------|----------------|
| Motor type: | FS: - p - hp - |
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|------------------|-----------------|-----------|
| Client order no. | Item-No. | Offer no. |
| Order no. | Consignment no. | Project |

| Remarks |
|---------|
| |

| Electrical data |
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|-----------------|

[illegible]

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|--------------|--------------------|-------------------|--------------------------------|------------|------------|
| Frame Type: | Type of constr.: | | Motor Prot.: | NEMA Des.: | S.F.: 1.15 |
| Mtr. WT: lbs | Insulation Class.: | Temp. Rise Cl.: B | Amb. Temp.: + 55 to °C @1000 m | kVA: | IP IP65 |

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| Mechanical data |
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| Sound level (SPL / SWL) at 60 Hz | | | | | | | dB(A) / dB(A) | | Thickener | | |
|--------------------------------------|--|--|--|--|--|--|---------------|--|------------------------|--|------------------------------|
| Octave Band Center Frequencies Hertz | | | | | | | | | Safe Stall Time Hot | | s |
| 250 500 1000 2000 4000 8000 Hz | | | | | | | | | Safe Stall Time Cold | | s |
| SPL@3 | | | | | | | dB(A) | | Frame material | | cast iron |
| Moment of inertia | | | | | | | Lb-ft² | | Color, paint shade | | |
| Ext Load Inertia Capability: | | | | | | | Lb ft² | | Coating (paint finish) | | Standard Alkyed + Epoxy (C2) |
| Bearings | | | | | | | | | Ventilation Type | | |
| Bearing DE NDE | | | | | | | | | Method of cooling | | TEFC |
| Bearing_Type | | | | | | | Ball Bearing | | Direction of rotation | | |
| AFBMA: | | | | | | | | | Fan Material | | Polypropylen ESD |
| Grease | | | | | | | | | VFD | | CT: VT: 20:1 |
| Capacity | | | | | | | oz | | Space heaters | | -/- |
| Grease Type: | | | | | | | | | Brake: | | -/- |

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| Terminal box |
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|----------------------|----|----|----|--------------------|--------------------------|-----------|
| Lead Wire Connection | | | | | Terminal box position | |
| Voltage | L1 | L2 | L3 | Connected together | Material of terminal box | Cast Iron |
| | | | | | Cable entry | -/- |

Notes:

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|--|--|
| I_{r}/I_{N} = locked rotor current / current nominal M_{r}/M_{N} = locked rotor torque / torque nominal M_{b}/M_{N} = break down torque / nominal torque | 3) Value is valid only for DOL operation with motor design IC411 2) at rated power / at full load |
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|----------------------------------|---------------------|-------------------|-------------|---|
| Responsible department IN LVM | Technical reference | Created by SPC | Approved by | <i>Technical data are subject to change! There may be discrepancies</i> |
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|---|--------------------------------------|-----------------------------|-----------------------------------|----------------|-------------|
|  | Document type Datasheet | Document status Released | | customer | |
| | Document title 1MB2121-4DB2.-.... | Document number | | | |
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Main terminal diagram

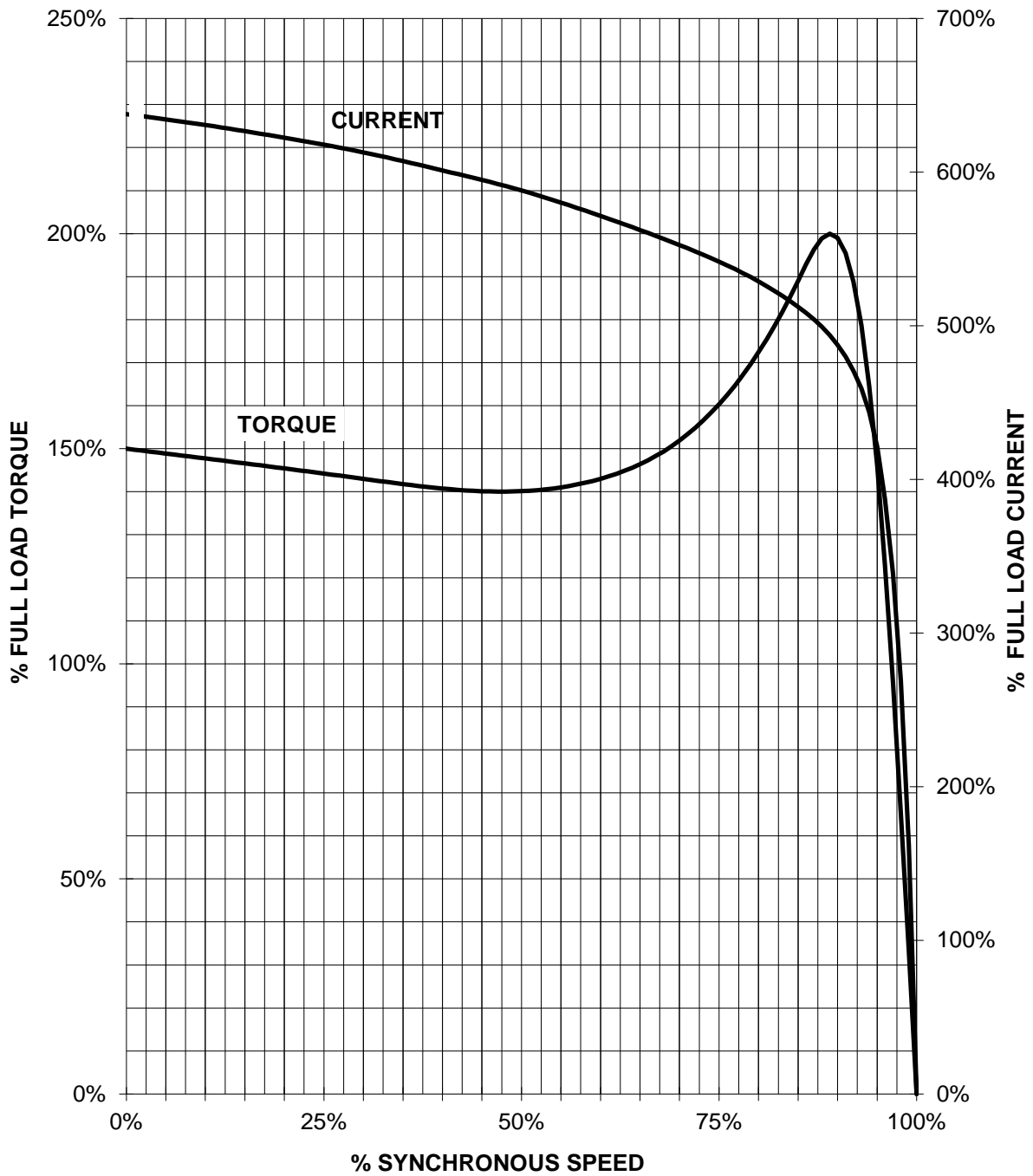
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| Responsible department IN LVM | Technical reference | Created by | Approved by Created automatically | Technical data are subject to change! There may be discrepancies between calculated and rating plate values. | | Link documents | |
| | Document type Wiring diagramm | | | Document status Released | |  | |
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SIEMENS INDUSTRY, INC.

HP 150 VOLTS <600 RPM 1800 TYPE XP100
HZ 60 PHASE 3 FRAME 445TS NEMA B

TORQUE & CURRENT VS. SPEED



CUSTOMER: _____ ORDER#: _____

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REV. 1