

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

Motor type: FS: 213T - p - 7.5 hp -

| | | |
|------------------|-----------------|-----------|
| Client order no. | Item-No. | Offer no. |
| Order no. | Consignment no. | Project |

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

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

[illegible]

| | | | | | |
|------------------|---|-------------------|------------------------------------|------------|------------|
| Frame Type: 213T | Type of constr.: | | Motor Prot.: | NEMA Des.: | S.F.: 1.15 |
| Mtr. WT: lbs | Insulation Class.:Standard Class F Insulation | Temp. Rise Cl.: B | Amb. Temp.: + 40 to -20 °C @1000 m | kVA: | IP 55 |

| |
|-----------------|
| Mechanical data |
|-----------------|

| 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 | | |
| Moment of inertia | | | | | | | Lb-ft² | | Color, paint shade | | Standard Paint - RAL7030 |
| Ext Load Inertia Capability: | | | | | | | Lb ft² | | Coating (paint finish) | | Standard Alkyed + Epoxy (C2) |
| Bearings | | | | | | | | | Ventilation Type | | |
| Bearing DE NDE | | | | | | | | | Method of cooling | | |
| Bearing_Type | | | | | | | Ball Bearing | | Direction of rotation | | |
| AFBMA: | | | | | | | | | Fan Material | | |
| Grease | | | | | | | | | VFD | | CT: VT: |
| Capacity | | | | | | | oz | | Space heaters | | -/- |
| Grease Type: | | | | | | | | | Brake: | | -/- |

| |
|--------------|
| Terminal box |
|--------------|


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

Notes:

| | |
|--|--|
| $I_{\text{r}}/I_{\text{N}}$ = locked rotor current / current nominal $M_{\text{r}}/M_{\text{N}}$ = locked rotor torque / torque nominal $M_{\text{b}}/M_{\text{N}}$ = break down torque / nominal torque | 3) Value is valid only for DOL operation with motor design IC411 2) at rated power / at full load |
|--|--|


| | |
|--|--|
| $I_{\text{r}}/I_{\text{N}}$ = locked rotor current / current nominal $M_{\text{r}}/M_{\text{N}}$ = locked rotor torque / torque nominal $M_{\text{b}}/M_{\text{N}}$ = break down torque / nominal torque | 3) Value is valid only for DOL operation with motor design IC411 2) at rated power / at full load |
|--|--|

| | | | | |
|----------------------------------|---------------------|-------------------|-------------|---|
| Responsible department IN LVM | Technical reference | Created by SPC | Approved by | <i>Technical data are subject to change! There may be discrepancies</i> |
|----------------------------------|---------------------|-------------------|-------------|---|

| | | | | | |
|---|-------------------------------------|-----------------------------|-----------------------------------|----------------|-------------|
|  | Document type Datasheet | Document status Released | | customer | |
| | Document title 1LE2221-2AA1-.... | Document number | | | |
| © ABB 2024 | | Revision 01 | Creation date 2024-05-03 15:43 | Language en | Page 1/1 |

Main terminal diagram

Transmittal, reproduction, dissemination and/or editing of this document as well as utilization of its contents and communication thereof to others without express authorization are prohibited. Offenders will be held liable for payment of damages. All rights created by patent grant or registration of a utility model or design patent are reserved.

| | | | | | | | |
|----------------------------------|--------------------------------------|------------|--------------------------------------|--|-----------------------------|---|-------------|
| 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 | |  | |
| | Document title 1LE2221-2AA1.-.... | | | Document number WDS-240503-154348 | | | |
| Restricted © Innomotics 2024 | | | | Revision AA | Creation date 2024-05-03 | Language en | Page 1/1 |