

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

Motor type: FS: 182T - p - 3 hp -

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

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

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

[illegible]

| | | | | | |
|------------------|---|-------------------|------------------------------------|------------|------------|
| Frame Type: 182T | 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 |

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

| Sound level (SPL / SWL) at 60 Hz | | | | dB(A) / dB(A) | | | |
|--------------------------------------|-----|------|------|---------------|------|----|--|
| Octave Band Center Frequencies Hertz | | | | | | | |
| 250 | 500 | 1000 | 2000 | 4000 | 8000 | Hz | |
| SPL@3 | | | | dB(A) | | | |
| Moment of inertia | | | | Lb-ft² | | | |
| Ext Load Inertia Capability: | | | | Lb ft² | | | |
| Bearings | | | | | | | |
| Bearing DE NDE | | | | | | | |
| Bearing_Type | | | | Ball Bearing | | | |
| AFBMA: | | | | | | | |
| Grease | | | | | | | |
| Capacity | | | | oz | | oz | |
| Grease Type: | | | | | | | |

| Thickener | |
|------------------------|------------------------------|
| Safe Stall Time Hot | s |
| Safe Stall Time Cold | s |
| Frame material | |
| Color, paint shade | Standard Paint - RAL7030 |
| Coating (paint finish) | Standard Alkyed + Epoxy (C2) |
| Ventilation Type | |
| Method of cooling | |
| Direction of rotation | |
| Fan Material | |
| VFD | CT: VT: |
| Space heaters | -/- |
| Brake: | -/- |


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

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

Notes:


| | |
|--|--|
| $I_{\text{N}}/I_{\text{N}}$ = locked rotor current / current nominal $M_{\text{N}}/M_{\text{N}}$ = 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> |
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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 | |
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