# Sheet of Measurements

## Calculation of Fill-In Factor of Stator Core's Laminations

<table>
<thead>
<tr>
<th>Contract No.:</th>
<th>400096</th>
<th>Object:</th>
<th></th>
<th>Type:</th>
<th>S6866-56</th>
<th>Serial No.:</th>
<th>24979</th>
</tr>
</thead>
</table>

| Actual mass: | \( m = 46,90 \) kg |
| Area of segment: | \( A = 1254,00 \) cm\(^2\) = 12,94000 dm\(^2\) |
| Average height of stacked segments: | \( h_{avg} = 45,89 \) mm = 0,4989 dm |
| Volume of stacked segments: | \( V = A h_{avg} = 6,45544 \) dm\(^3\) |
| Specific mass: | \( \rho = 7,60 \) kg/dm\(^3\) |
| Calculated mass: | \( r = V \rho = 49,0614 \) kg |

**Fill-in factor:** \( f = m/r = 0,9559 \)

## Remarks

Measurements have been carried out after insulating of segments.

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**Hrvatski**

IZRAČUN FAKTORA PUNJENJA STATORSKOG SEGMENTNOG LIMA

Sivama masa:

Površina segmenta:

Srednja visina stisnutoj paketa:

Volumen stisnutoj paketa:

Specifična masa:

Izračunata masa:

Faktor punjenja:

**Napomene**

Mjerenja su provedena nakon izoliranja segmenta lima Kriteriji prihvatljivosti i opseg kontrole definirani su KIP-om

**Engleski**

CALCULATION OF FILL-IN FACTOR OF STATOR CORE’S LAMINATIONS

Actual mass:

Area of segment:

Average height of stacked segments:

Volume of stacked segments:

Specific mass:

Calculated mass:

**Remarks**

Measurements have been carried out after insulating of segments. Acceptance criteria and scope of control are determined with factory standard

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Measured by: | Date: | Inspected by: | Date: | Approved by: | Date: |
|-------------|--------|---------------|--------|-------------|--------|
**SHEET OF MEASUREMENTS**

**CALCULATION OF FILL-IN FACTOR OF STATOR CORE’S LAMINATIONS**

<table>
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<th>Contract No.:</th>
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<th>Type: S6866-56</th>
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</tr>
</thead>
</table>

| Actual mass:  | \( m = 46.70 \) kg |
| Area of segment: | \( A = 1294,00 \) cm\(^2\) = 12,94000 dm\(^2\) |
| Average height of stacked segments: | \( h_{avg} = 49,68 \) mm = 0,4968 dm |
| Volume of stacked segments: | \( V = A h_{avg} = 6,42795 \) dm\(^3\) |
| Specific mass: | \( \rho = 7,60 \) kg/dm\(^3\) |
| Calculated mass: | \( r = V \rho = 48,8524 \) kg |

**Fill-in factor:** \( f = m/r = 0,9559 \)

**REMARKS**

Measurements have been carried out after insulating of segments.

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**HRVATSKI**

IZRAČUN FAKTORA PUNIJENJA STATORSKOG SEGMENTNOG LIMA

Stvarna masa:
Površina segmenta:
Srednja visina stisnutog paketa:
Volumen stisnutog paketa:
Specifična masa:
Izračunata masa:
Faktor punjenja:

**NAPOMENE**

Mjerenja su provedena nakon izoliranja segmenta lima
Kriteriji prihvatljivosti i opseg kontrole definirani su KIP-om

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**ENGLESKI**

CALCULATION OF FILL-IN FACTOR OF STATOR CORE’S LAMINATIONS

Actual mass:
Area of segment:
Average height of stacked segments:
Volume of stacked segments:
Specific mass:
Calculated mass:
Fill-in factor:

**REMARKS**

Measurements have been carried out after insulating of segments.
Acceptance criteria and scope of control are determined with factory standard

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Measured by: Date: Approved by: Date:
SHEET OF MEASUREMENTS

CALCULATION OF FILL-IN FACTOR OF STATOR CORE’S LAMINATIONS

Contract No.: 400096
Object: Type: S6865-56
Serial No.: 24979

Actual mass: $m = 47.00$ kg

Area of segment: $A = 1294.00$ cm$^2 = 129400.00$ dm$^2$

Average height of stacked segments: $h_{avg} = 50.13$ mm = 0.5013 dm

Volume of stacked segments: $V = A \cdot h_{avg} = 6486.18$ dm$^3$

Specific mass: $\rho = 7.60$ kg/dm$^3$

Calculated mass: $r = V \cdot \rho = 49294.9$ kg

Fill-in factor: $f = m/r = 0.9534$

Remarks:
Measurements have been carried out after insulating of segments.

Hrvatski
IZRAČUN FAKTORA PUNJENJA STATORSKOG SEGMENTNOG LIMA
Stvarna masa:
Površina segmenta:
Srednja visina stisnutog paketa:
Volumen stisnutog paketa:
Specifična masa:
Izračunata masa:
Faktor punjenja:
NAPOMENE
Mjerenja su provedena nakon izoliranja segmenta lima
Kriteriji prihvatljivosti i opseg kontrole definirani su KIP-om

Engleski
CALCULATION OF FILL-IN FACTOR OF STATOR CORE’S LAMINATIONS
Actual mass:
Area of segment:
Average height of stacked segments:
Volume of stacked segments:
Specific mass:
Calculated mass:
Fill-in factor:
REMARKS
Measurements have been carried out after insulating of segments.
Acceptance criteria and scope of control are determined with factory standard

Measured by: Date: Inspected by: Date: Approved by: Date:
### SHEET OF MEASUREMENTS

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<table>
<thead>
<tr>
<th>Actual mass:</th>
<th>( m = 46.90 ) kg</th>
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<tbody>
<tr>
<td>Area of segment:</td>
<td>( A = 1294.00 ) cm(^2) = 12,94000 dm(^2)</td>
</tr>
<tr>
<td>Average height of stacked segments:</td>
<td>( \bar{h}_{avg} = 50.19 ) mm = 0.5019 dm</td>
</tr>
<tr>
<td>Volume of stacked segments:</td>
<td>( V = A \bar{h}_{avg} = 6,49426 ) dm(^3)</td>
</tr>
<tr>
<td>Specific mass:</td>
<td>( \rho = 7.50 ) kg/dm(^3)</td>
</tr>
<tr>
<td>Calculated mass:</td>
<td>( r = V \rho = 49,3564 ) kg</td>
</tr>
</tbody>
</table>

**Fill-in factor:** \( f = \frac{m}{r} = 0.9502 \)

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**REMARKS**

Measurements have been carried out after insulating of segments.

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**HRVATSKI**

IZRAČUN FAKTORA PUNJENJA STATORSKOG SEGMENTNOG LIMA


Mjerenja su provedena nakon izoliranja segmenta lima Kriteriji prihvatljivosti i opseg kontrole definirani su KIP-om

**ENGLESKI**

CALCULATION OF FILL-IN FACTOR OF STATOR CORE'S LAMINATIONS

Actual mass: Area of segment: Average height of stacked segments: Volume of stacked segments: Specific mass: Calculated mass: Fill-in factor: REMARKS

Measurements have been carried out after insulating of segments. Acceptance criteria and scope of control are determined with factory standard

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**Measured by:**
**Date:** 21.12.2015
**Inspected by:**
**Date:**
**Approved by:**
**Date:** 21.12.2015.