

# CONFORMITY CERTIFICATE

## No. 211299505

Manufacturer: **Joint Stock Company "Novomet-Perm"**  
**395, Shosse Kosmonavtov, Perm, Perm region, 614065**  
**Russia**

Product: **Permanent Magnet Motor**

Type: **N217PM series**  
**N319PM series**  
**N406PM series**  
**N460PM series**  
**and their variations**

Specification: is stated on the reverse side of the certificate

This conformity certificate confirms the conformity of the product with essential safety requirements of the following EC/EU New Approach Directive as amended:

**2014/35/EU Low Voltage Directive**

Harmonized standards used for the conformity assessment:

**EN 60034-1:2010/AC:2010**

**EN 60034-5:2001/A1:2007**

**EN 60034-8:2007/A1:2014**

The certificate has been issued on the basis of the tests of the product type sample.

The results are recorded in the Conformity assessment report No. 210500393/2 dated 16.12.2021



mark can be used only in the case of conformity assessment according to all relevant EC/EU Directives

**This certificate is issued under the following conditions:**

1. The certificate applies to the product type and its variations specified in the above mentioned Conformity Assessment report.
2. The production process/factory production control is not covered by this certificate.
3. The certificate does not imply that the certification body has performed any surveillance or control of the production process.
4. The manufacturer shall ensure the conformity of subsequent production items with the certified type.
5. Changes that may have an impact on maintaining conformity with the certification requirements may require confirmation of the validity of the certificate by demonstrating compliance with the conditions under which the certificate was issued or by conducting an additional evaluation.
6. The holder of this certificate must keep the conditions specified in the General Rules for Product Certification, which are freely available at [www.tsu.eu](http://www.tsu.eu)

Issue date: 17.12.2021

Expiry date: 16.12.2024

Issue: 1



Ing. Dušan Hanko  
Head of Product Certification Body

Утвердил(а)  
Вьдрина И.В.  
средствами СЭД Directum  
11.01.2022 id 2507332

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**Specification:**

| <b>N</b> | <b>xxx</b> | <b>PM</b> | <b>xxx</b> | <b>xxxxV</b> | <b>xxxxRPM</b> | <b>xxxN-M</b> | <b>xxx</b> | <b>xxx</b> | <b>xxx</b> | <b>HRZ</b> | <b>NDSx</b> |
|----------|------------|-----------|------------|--------------|----------------|---------------|------------|------------|------------|------------|-------------|
| 1        | 2          | 3         | 4          | 5            | 6              | 7             | 8          | 9          | 10         | 11         | 12          |

**Where:**

1. Manufacturer: **N (Novomet)**
2. Series: **217, 319, 406, 460**
3. Permanent Magnet motor: **PM**
4. Power, hp (at 150Hz): **32 to 63** (at rated rotation frequency)  
Power, kW (at 150Hz): **24 to 47** (at rated rotation frequency)
5. Voltage, V (at 150Hz): **770 to 970** (at rated rotation frequency)
6. Rated rotation frequency, rpm: **500 to 8500**
7. Torque, N-m: (only for 500 and 1000 rpm in N460PM series)
8. Single and tandem motors: **SGL** –Single motor, **DBL** – Double motor, **TRP** – Triple motor
9. Corrosion resistance: **CR0, CR2C, CR2S, CRM, CRMS, CR3, UCR**
10. Heat resistance: **MT, HT, UHT, HHT**
11. Design modification: **HRZ** – for horizontal operation, if applicable
12. Type of Downhole Sensor: **NDS1, NDS2, NDS3**, if applicable



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