

CERTIFICATE

No. 0083/104/2021

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
N512PM series
N744PM series
and their variations

Specification: is stated on the reverse side of the certificate

This certificate confirms the compliance of the product type characteristics with the technical requirements given in:

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. 210500393/4 dated 16.12.2021

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

Issue date: 17.12.2021
Expiry date: 16.12.2024
Issue: 1



Ing. Dušan Hanko
Head of Product Certification Body

Утвердил(а)
средствами СЭД Directum
11.01.2022 id 2507332

143165

Specification:

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

Where:

1. Manufacturer: **N (Novomet)**
2. Series: **217, 319, 406, 460, 512, 744**
3. Permanent Magnet motor: **PM**
4. Power, hp (at 200Hz): **43 to 1286** (at rated rotation frequency)
Power, hp (at 150Hz): **32 to 467** (at rated rotation frequency)
Power, hp (at 120Hz): **96 to 1286** (at rated rotation frequency)
Power, hp (at 100Hz): **80 to 1072** (at rated rotation frequency)
Power, kW (at 200Hz): **32 to 465** (at rated rotation frequency)
Power, kW (at 150Hz): **24 to 349** (at rated rotation frequency)
Power, kW (at 120Hz): **72 to 960** (at rated rotation frequency)
Power, kW (at 100Hz): **60 to 800** (at rated rotation frequency)
5. Voltage, V (at 200Hz): **1010 to 4070** (at rated rotation frequency)
Voltage, V (at 150Hz): **1090 to 3100** (at rated rotation frequency)
Voltage, V (at 200Hz): **2200 to 4720** (at rated rotation frequency)
Voltage, V (at 200Hz): **1850 to 3950** (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



Утвердил(а)
Вьдрина И.В.
средствами СЭД Directum
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