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| --- | --- | --- |
| http://frunze.com.ua/wp-content/uploads/2021/02/log6.jpg | **«SMNPO *–* Engineering»JSC** | 58, Gorkiy Str., Sumy, 40009, Ukrainesumy-frunze.com |
|  |  | ***E-mail: technical@sumy-frunze.com*** |
| Data Sheet No.**Pump** |
| Pump designation \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Service (industries, installations, process lines it is intended for) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Quantity pcs. |
| **No.** | **Parameter (characteristics) description**  | **Units** | **Customer requirements** |
|  | **PERFORMANCE** |  |  |
| 1.1 | Performance reduced to initial conditions, at: | m3/min |  |
| 1.2 | suction nominal pressure | МPа |  |
| 1.3 | discharge nominal pressure | МPа |  |
| 1.4 | supply water temperature | ºС |  |
| 1.5 | initial gas temperature | ºС |  |
| 1.6 | Consumed water consumption | l/min |  |
| 1.7 | Rotor speed | rpm |  |
|  |
|  | **PUMPED MEDIUM** |  |  |
| 2.1 | Description |  |  |
| 2.2 | Percentage composition (for gas mixtures) | % |  |
| 2.3 | Density | kg/m3 |  |
| 2.4 | Viscosity | cSt |  |
| 2.5 | Water solubility (yes / no) |  |  |
| 2.6 | Explosion hazard, category and group according to PUE (Requirements for Electrical Installations) |  |  |
| 2.7 | Presence of abrasive particles, their size and quantity |  |  |
|  |
|  | **SHAFT SEALING** |  |  |
| 3.1 | Single/double gland seal |  |  |
| 3.2 | Single/double mechanical end seal |  |  |
|  |
|  | **OPERATING CONDITIONS** |  |  |
| 4.1 | Location (indoors, outdoors) and category according to PUE (Requirements for Electrical Installations) |  |  |
| 4.2 | Climatic version |  |  |
| 4.3 | Explosion safety class and location fire zone according to PUE(Requirements for Electrical Installations) |  |  |
|  |
|  | **DRIVE** |  |  |
| 5.1 | Voltage | V |  |
| 5.2 | Frequency | Hz |  |
| 5.3 | Electric motor speed | rpm |  |
| 5.4 | Power | kW |  |

**APPENDIX:** installation diagram, other requirements

Name, address and telephone number of the company ordering the pump \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Customer's signature (surname, position) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date of filling out the Data Sheet \_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_