|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 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 \_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_