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| http://frunze.com.ua/wp-content/uploads/2021/02/log6.jpg | **“SMNPO- ENGINEERING” JSC** | Ukraine, 40009, Sumy,  58, Gorkogo Str.,  frunze.com.ua |
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**Data Sheet**

**Ball Valve**

|  |  |  |  |
| --- | --- | --- | --- |
| 1 | Product designation |  | |
| Drawing designation |  | |
| 2 | Valves number | *Pcs* |  |
| 3 | Nominal diameter | *DN, mm* |  |
| 4 | Nominal pressure | *PN, bar* |  |
| 5 | Pipeline diameter | *External (mm)* |  |
| 6 | Pipeline wall thickness | *mm* |  |
| 7 | Pipe material | *Steel grade, standard* |  |
| 8 | Branch pipe carbon equivalent | *[C]eq, max* |  |
| 9 | Pipelines position | *Horizontal/vertical* |  |
| 10 | Valve installation | *Above ground/buried* |  |
| 11 | Depth from the surface of the ground to the top of the pipe (for buried installation) | *mm* |  |
| 12 | Valve connection | *Welded/flanged* |  |
| 13 | Mating flanges | *Yes/No* |  |
| 14 | Working medium |  | |
| 15 | Working medium aggressive components | *mg/m3,max* |  |
| 16 | Mechanical impurities in the working medium | *g/m3, max* |  |
| 17 | Working medium temperature | *°С* |  |
| 18 | Ambient temperature | *°С* |  |
| 19 | Operating pressure | *bar* |  |
| 20 | Maximum pressure drop across the valve | *bar* |  |
| 21 | Maximum pressure drop across the valve when opening | *bar* |  |
| 22 | Valve body type | welded /split |  |
| 23 | Tightness | *double-sided/signle-sided* |  |
| 24 | Leakage class | *А, В, С, D as perGOST 9544.2005 or ISO 5208*  *1, 2, 3 as per GOST 9544-75* |  |
| 25 | Closure member type | *elastomer /*  *metal-metal* |  |
| 26 | Valve control | *Local / Remote / Local + Remote* |  |
| 27 | Actuator type | *manual / electric /*  *electrohydraulic /*  *pneumatic / pneumohydraulic* |  |
| 28 | Actuation medium type (for pneumatic or pneumohydraulic drive) | *From the pipe / from an independent source (instrument gas)* |  |
| 29 | Instrument gas pressure | *bar* |  |
| 30 | Manual override | *Yes/No* |  |
| 31 | Limit switches | *Yes/No* |  |
| 32 | Control unit rated voltage | *24 / 110 / 220V*  *AC/DC* |  |
| 33 | Limit switches rated voltage | *24 / 110 / 220V*  *AC/DC* |  |
| 34 | Power voltage of the electric motor (for electric and electro-hydraulic drives) | *24 / 110 / 220V*  *Yes/No* |  |
| 35 | Valve emergency shutoff automatic device (Manufacturer) | *Yes/No* |  |
| 36 | Protective coating type | *Aboveground part:*  *Polymer/Paintwork* |  |
| *Buried part:*  *Polymer/Paintwork* |
| 37 | Painting | *Colour* |  |
| 38 | Additional terms: |  |  |
|  | Name | Signature/Date | Telephone/Fax |
| Developed by |  |  |  |
|  |  |  |  |
| Approved by |  |  |  |