



**003N3182** 

**Thermo. operated water valve, AVTA 20, G, 3/4**

Body material: Brass, Opening configuration: Opens on rising sensor temp.,

Charge type: Universal

**PRODUCT DETAILS**

|  |  |
|--|--|
| <b>Gross weight</b>                      | 1.694 Kilogram                                   |
| <b>Net weight</b>                        | 1.294 Kilogram                                   |
| <b>Volume</b>                            | 4.082 Liter                                      |
| <b>EAN</b>                               | 5702423007875                                    |
| <b>Type</b>                              | AVTA 20  |
| <b>Product group</b>                     | Water regulating valves                          |
| <b>Product Name Description</b>          | Thermo. operated water valve                     |
| <b>Approval</b>                          | EAC<br>LLC CDC TYSK<br>PED<br>RoHS<br>RoHS China |
| <b>Body material</b>                     | Brass  |
| <b>Cap. tube length fraction [in]</b>    | 78 3/4 in  |
| <b>Capillary tube gland Int/Ext</b>      | Internal   |
| <b>Capillary tube gland size [in]</b>    | 3/4  |
| <b>Capillary tube gland standard</b>     | ISO 228-1  |
| <b>Capillary tube gland type</b>         | G  |
| <b>Capillary tube length [mm]</b>        | 2000 mm  |
| <b>Charge type</b>                       | Universal  |
| <b>China RoHS compliance</b>             | Yes  |
| <b>Connection Internal/External</b>      | Internal   |
| <b>Connection size [in]</b>              | 3/4  |
| <b>Connection standard</b>               | ISO 228-1  |
| <b>Connection type</b>                   | G  |
| <b>Contains batteries</b>                | No   |
| <b>Cv value [gal/min]</b>                | 3.9 gal/min                                      |
| <b>Differential pressure [bar] [max]</b> | 10 bar   |
| <b>Differential pressure [bar] [min]</b> | 0 bar  |
| <b>Differential pressure [psi] [max]</b> | 145 psi  |
| <b>Differential pressure [psi] [min]</b> | 0 psi  |
| <b>EU RoHS compliance</b>                | Yes with exemptions                              |
| <b>EU RoHS exemption clause</b>          | 6(b)<br>6(c)                                     |
| <b>Flow direction indicator</b>          | Embossed 1-way arrow                             |
| <b>Identical product</b>                 | 003N5055   |
| <b>Kv value [m<sup>3</sup>/h]</b>        | 3.4 m <sup>3</sup> /h                            |
| <b>Max. pressure on sensor [bar]</b>     | 25 bar   |
| <b>Max. pressure on sensor [psig]</b>    | 362.6 psig                                       |

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**PRODUCT DETAILS**

|  |   |
|--|---|
| <b>Max. sensor temperature [°C]</b>            | 125 °C  |
| <b>Max. sensor temperature [°F]</b>            | 257 °F  |
| <b>Max. test pressure [bar] Pe</b>             | 25 bar  |
| <b>Max. test pressure [psig]</b>               | 362.6 psig                                      |
| <b>Max. Working Pressure [bar]</b>             | 16 bar  |
| <b>Max. Working Pressure [psig]</b>            | 232 psig  |
| <b>Media</b>                                   | Neutral media                                   |
| <b>Medium temperature range [°C]<br/>[max]</b> | 130 °C  |
| <b>Medium temperature range [°C]<br/>[min]</b> | -25 °C  |
| <b>Medium temperature range [°F]<br/>[max]</b> | 266 °F  |
| <b>Medium temperature range [°F]<br/>[min]</b> | -13 °F  |
| <b>Opening configuration</b>                   | Opens on rising sensor temp.                    |
| <b>Orifice size [mm]</b>                       | 20 mm   |
| <b>Orifice size fraction [in]</b>              | 4/5 in  |
| <b>Packing format</b>                          | Multi pack                                      |
| <b>Product accessories</b>                     | Generic accessories<br>Water valves accessories |
| <b>Quantity per packing format</b>             | 10 pc   |
| <b>REACH Candidate List substances</b>         | Lead (CAS no. 7439-92-1)                        |
| <b>SCIP dossier no.</b>                        | a698bb81-6c39-4d14-<br>a29f-0fc686728af9        |
| <b>SCIP dossier product name</b>               | AVTA FJVA                                       |
| <b>Sensor size (Ø x L) [in]</b>                | 23/32 x 8 1/4 in                                |
| <b>Sensor size (Ø x L) [mm]</b>                | 18 x 210 mm                                     |
| <b>Serviceable</b>                             | Water valve spare parts                         |
| <b>Temperature range [°C] [max]</b>            | 90 °C   |
| <b>Temperature range [°C] [min]</b>            | 50 °C   |
| <b>Temperature range [°F] [max]</b>            | 194 °F  |
| <b>Temperature range [°F] [min]</b>            | 122 °F  |

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