

## PRODUCT FACT SHEET / PNEUMATIC FLUSH VALVE

### SPECIFICATIONS

|                |                                     |
|----------------|-------------------------------------|
| PRODUCT CODE   | AMF-FV-100-60/90-GS/TS-FL-PN-V2-316 |
| MATERIAL       | STAINLESS STEEL 316                 |
| O-RING / SEALS | PTFE ENCAPSULATED                   |
| DESIGN CODE    | AMF                                 |
| MAWP           | N/A                                 |
| MAX. TEMP      | +200 ° CELSIUS                      |



### INSTALLATION, APPLICATION & MAINTENANCE

#### COMPATIBLE PRODUCTS

##### **BLACK PRODUCTS**

- \* Bitumen
- \* Heavy fuel oil (HFO)
- \* Pitch Oil / Creosote

Molten Sulphur  
Ammonium Nitrate  
Molasses  
Palm Oil / Edible Oils

(Examples of compatible products, but not limited to. Contact AMF SALES for additional confirmations)

#### DESIGN AND APPLICATION

The AMF pneumatic flush valve is a primary valve fitted directly to the tanker's sump flange with a gasket or taper sealing disc opening directly into the tanker shell and the product within it.

Within the valve body is a single shaft and the absence of springs and other mechanical parts mean the valve is effective in discharging viscous products (to be used in conjunction with road tankers with internal flues, and external heat box).

Designed as a hard-working valve the internal seals can be compressed to compensate for wear and tear by way of external adjustment – even when the tank is fully loaded.

Depending on the application, the valve can be ordered with a 60 or 90 degrees bends, and either a gasket or taper sealing disc arrangement.

#### MAINTENANCE

All seals and gaskets are manufactured from hard-wearing and heat resistance PTFE and can be replaced within 15 minutes. Similarly, because the pneumatic actuator is external it remains free of product and can be easily serviced.

Clean regularly with appropriate cleaning agent to prevent product build up or damage to moving parts.

### PRODUCTION TESTING REQUIREMENTS

| TEST # | TEST TYPE       | TEST FLUID | TEST DURATION | TEST PRESSURE | TEST CRITERIA    |
|--------|-----------------|------------|---------------|---------------|------------------|
| 1      | Seat Tightness  | Water      | 5 Min         | 20kPa         | No visible leaks |
| 2      | Shell Tightness | Water      | 5 Min         | 200kPa        | No visible leaks |

**WARNING:** Use only genuine AMF replacement parts. Substitute parts can impair the proper functioning of this product and void all warranties. Failure to properly maintain and regularly clean the complete valve, especially moving parts, may prevent the valve from operating correctly as per its design, and subject to liability disclaimer.