

PRODUCT FACT SHEET / 100mm HEAVY DUTY MANUAL FLUSH VALVE WITH CRUST BREAKER

SPECIFICATIONS

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|----------------|--------------------------------------|
| PRODUCT CODE | AMF-FV-100-60/90-GS/TS-FL-MAN-CB-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 heavy duty flush valve is a primary valve fitted directly to the road tanker sump flange for both loading and off-loading products.

The valve is fitted with a heavy-duty spindle and crust breaker sealing disc (aka poppet) to break through partly solidified products such as Bitumen or Ammonium Nitrate (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.

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.