

PRODUCT FACT SHEET / 100mm STEAM JACKETED PNEUMATIC FLUSH VALVE

SPECIFICATIONS

PRODUCT CODE	AMF-FV-100-60/90-GS/TS-FL-PN-SJ-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 heavy duty steam jacketed flush valve is a primary valve fitted directly to the road tanker sump flange for both loading and off-loading products. The valve is designed with an outer jacket, which is heated via steam, to prevent temperature sensitive products from solidify inside the valve body (to be used in conjunction with road tankers with internal flues, and external heat box).

This valve is fitted with a heavy-duty spindle and sealing disc (aka poppet) to break through crusts formed directly above. 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

Care must be taken to avoid damaging the seals or the internal sealing/seating area of the valve.

We recommend that the seals be checked/replaced regularly for damage (usually due to foreign objects and/or dirty product).

Cleaning with appropriate cleaning agent to prevent product build up or damage to moving parts, and regular servicing by a local agent is also recommended.

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.