

PRODUCT FACT SHEET / 100mm BOTTOM VALVE

PRESSURE COMPENSATED

SPECIFICATIONS

PRODUCT CODE	AMF-BOV-100-90-PC-V2-ADR-316
MATERIAL	STAINLESS STEEL 316
O-RING / SEALS	PTFE ENCAPSULATED
APPROVAL CODES	BS EN 13316:2002, ADR CERTIFIED
MAWP	500kPa
MAX. TEMP	+50 ° CELSIUS
MIN. TEMP	-20 ° CELSIUS



APPLICATION & MAINTENANCE

COMPATIBLE PRODUCTS

1. FUELS

- *Petrol
- *Diesel
- *Paraffin

2. INDUSTRIAL SOLVENTS

- *Alcohols
- *Benzene
- *Toluene

3. VARIOUS ACIDS

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

DESIGN AND APPLICATION

The AMF pneumatically operated pressure compensated Bottom Valve, functions as a primary valve, and is an internal self-closing stop valve.

For example, the valve is manufactured with a shear off groove on the main body. Should the road tanker or the valve be affected by severe impact, the sealing capability will remain in place, thereby preventing any product leakage. In the event of an emergency, the valve can be opened by external mechanical means.

Fitted with PTFE encapsulated O-rings this valve is compatible with a wide range of products. The strainer is in place to reduce the possibility of seal or seal damage by foreign objects.

MAINTENANCE

Care must be taken to avoid damaging the seal or the internal sealing area of the valve.

We recommend that the seals be replaced as often as possible due to dirt found in local products.

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	Shell Tightness	Water	5 Min	500kPa	No visible leaks
2	Seat Tightness (loading)	Water	5 Min	500kPa	No visible leaks
3	Seat Tightness (off loading)	Water	5 min	27kPa	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. It is the customers responsibility to check compatibility between valve material and transported product.