

PRODUCT FACT SHEET / 100mm OIL JACKETED BOTTOM VALVE PRESSURE COMPENSATED

SPECIFICATIONS

PRODUCT CODE	AMF-BOV-100-90-PC-OJ-ADR-316
MATERIAL	STAINLESS STEEL 316
O-RING / SEALS	PTFE ENCAPSULATED
APPROVAL CODES	BS EN 13316:2002, ADR COMPLIANT
MAWP	500kPa
MAX. TEMP	(Subject to Product Specifications)
MIN. TEMP	(Subject to Product Specifications)



APPLICATION & MAINTENANCE

COMPATIBLE PRODUCTS

1. FUELS
2. INDUSTRIAL SOLVENTS
3. EDIBLE OILS
4. ACIDS
5. INDUSTRIAL WAXES

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

DESIGN AND APPLICATION

The AMF pneumatically operated pressure compensated Bottom Valve, functions as a primary valve, and is an internal self-closing stop valve, and developed to transport hazardous goods as per ADR, SANS and European Standards.

This new version of the Bottom Valve was developed and manufactured to meet ever-changing industry and customer demands for the transportation of an even wider range of multiple products categories than ever before.

In conjunction with the correct road tanker design, this valve enables the end-user to set a specific product related temperature range to maintain a pre-determined melting point for a variety of temperature sensitive products, via a separate temperature controller, during transportation and off-loading.

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	Shell Tightness	Water	5 Min	500kPa	No visible leaks
2	Seat Tightness (loading)	Water	5 Min	500kPa	No visible leaks
	Shell 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.