

PRODUCT FACT SHEET / 100mm CHEMICAL BUTTERFLY VALVE

SPECIFICATIONS

PRODUCT CODE	AMF-BF-CH-100-MAN-ADR-316
MATERIAL	STAINLESS STEEL 316
O-RING / SEALS	PTFE ENCAPSULATE
APPROVAL CODES	BS EN 14432:2014, ADR COMPLIANT
MAWP	600kPa
MAX. TEMP	+50 ° CELSIUS
MIN. TEMP	-20 ° CELSIUS



APPLICATION & MAINTENANCE

COMPATIBLE PRODUCTS

1. VARIOUS ACIDS

- * Sulphuric Acid
- * Nitric Acid
- * Phosphoric Acid

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

DESIGN AND APPLICATION

The AMF chemical butterfly valve was designed for the specific application of transportation of various acids, with extra safety features and hard-wearing sealing solution.

Our stainless steel butterfly valve provides excellent sealing performance due to the double eccentric design; the sealing disc moves away from the seat immediately after opening, reducing friction and wear on the seat and seal, thereby extending the valve's service life.

The valve main body has 8 through holes @ 150mm BCD for the secure fitment between to pipe flanges alongside a PTFE seal/envelope gasket. In addition, the handle is designed with two locking positions to ensure safe operating conditions.

The AMF chemical butterfly valve is fitted as a secondary valve in conjunction with the AMF emergency valve serving as the primary valve. The butterfly valve offers back-up to the primary valve and can be used in bottom loading environments.

MAINTENANCE

Care must be taken to avoid damaging the main seal or the sealing area of the sealing disc.

Due to dirt and foreign objects found in many of the local products, we recommend that the main seal be inspected and/or replaced on a regular basis depending on wear and tear.

The PTFE main seal replacement is super quick and easy.

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 (Upstream)	Water	5 Min	600kPa	No visible leaks
2	Seat Tightness (Downstream)	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.