

## PRODUCT FACT SHEET / 50mm CAM DRY BREAK COUPLING

### SPECIFICATIONS

PRODUCT CODE	AMF-CAM-DB-FL-3WAY-50-316
MATERIAL	STAINLESS STEEL 316
O-RING / SEALS	PTFE ENCAPSULATED
APPROVAL CODES	BS EN 13315:2002, ADR COMPLIANT
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
- \* Ammonium Nitrate

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

#### DESIGN AND APPLICATION

The AMF 50mm Cam Dry Break Coupling is designed to be attached and locked onto a female coupler for loading and off-loading. The female coupler keeps the sealing disc open during these operations.

The Cam Dry Break Coupling contains a spring-loaded sealing disc (often referred to as a poppet), to assure a fast-closing action and tight seal to avoid spillage.

The 50mm Cam Dry Break Coupling has an added 3-way air valve fitted for drive-off protection to prevent the tanker from leaving the loading rack while connected to the loading arm

Most commonly used in the local petro-chemical industry, the AMF Cam Dry Break Coupling is an extremely popular choice, particularly with safety and environmental concerns become ever more important.

#### MAINTENANCE

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

Due to dirt and foreign objects found in many of the local products, we recommend that the seal be replaced as often as possible.

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	Shell Tightness	Water	60 seconds	500kPa	No visible leaks
2	Operability	Air	N/A	N/A	Open/Closing

**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.