



100 Series Inline Trailer Breakaway

Applications

Inline breakaway designed for use with high flow CNG systems such as virtual pipeline transport trailers and bulk storage.



IB108 - Inline Trailer Breakaway

Materials

Description	Material
Body	Aluminium
Seats	Delrin
Internals	304 Stainless Steel
O-rings	Hydrogenated Nitrile
Caps	304 Stainless Steel
Adaptors	304 Stainless Steel



TOOL-IB108/HC208

Product Information

Largest CNG 1" inline breakaway on the market.

SAE Ports are standard.

All products are manufactured under ISO 9001 accredited standards.

Complies to PED 2014/68/EU.

Developed with consideration of ANSI/IAS NGV4.4-1999 but with a greater emphasis on use with CNG transport trailer applications. Improvements include an increased separation force, which has been increased for better suitability in high-flow transport trailer applications. The separation force is below the tensile load safety limits of CNG hose as specified in NGV 4.2.

Body tested to 100,000 pressure cycles.

Easily reconnected after a breakaway event.

Adaptor fittings are available to adapt to other standard threads and are supplied assembled with breakaway unit.

Servicing tool TOOL-IB108/HC208 is available for purchase from Oasis.

Replacement male end of breakaway available for purchase separately.

Please contact Oasis if intended for use in public vehicle refuelling stations.



100 Series Inline Trailer Breakaway

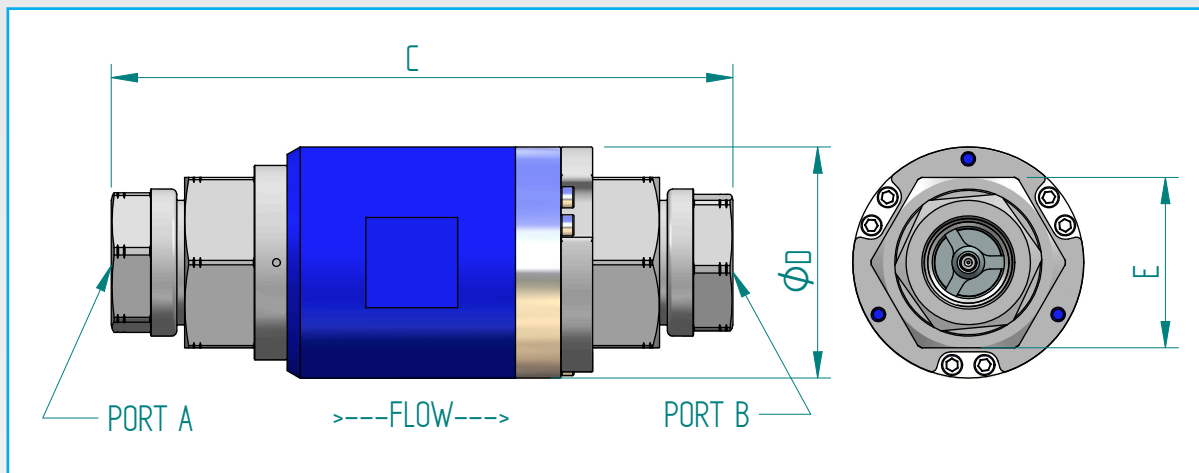
Product Specification

Part Code	Weight lb (kg)	Service Pressure psi (bar)	Max Pressure * psi (bar)	Test Pressure ^ psi (bar)	Min Temp. °F (°C)	Max Temp. °F (°C)	Time Before Rekit ^^	Cv	Service kit
IB108-ASDSU	8.1 (3.7)	3600 (250)	4500 (310)	5000 (345)	-58 (-50)	150 (65)	3 Years	14.7	IB108-SKDSU

* Maximum pressure at which the product can constantly operate at.

^ Maximum pressure that can be applied for testing without causing damage to the product.

^^ The temperature's and cycles stated depends on the system conditions and may not be achievable in all situations. Contact Oasis for further information.



Dimensions: Imperial (Metric mm)

Part Code	PORT A	PORT B	C	D	E	BREAKAWAY FORCE
IB108-ASDSU	1 5/8 - 12 SAE*	1 5/8 - 12 SAE*	7" (180)**	3.46" (88)	2.55" (65)	500N < FORCE < 1200N
IB108-ASDSU-11	1 5/16 - 12 SAE	1 5/16 - 12 SAE	9.33" (237)	3.46" (88)	2.55" (65)	500N < FORCE < 1200N
IB108-ASDSU-22	3/4" NPT	3/4" NPT	9.33" (237)	3.46" (88)	2.55" (65)	500N < FORCE < 1200N
IB108-ASDSU-33	1" NPT	1" NPT	9.33" (237)	3.46" (88)	2.55" (65)	500N < FORCE < 1200N

* Standard Breakaway port size (No adaptor)

** Standard Breakaway length (No adaptor)

Other adaptor thread sizes available on request

Applications

Replacement IB108 male assembly.

Product Information

Complete replacement incase male section of breakaway is too badly damaged to be re-used.

All products are manufactured under ISO 9001 accredited standards.

Description	Material
Body	304 Stainless Steel
O-ring	Hydrogenated Nitrile



Male end replacement - IB108-ASDSU-M