



## Materials

**Body:** Stainless steel

**Internal Components:** Stainless steel

**Seals:** Specially formulated polyurethane seals to withstand high pressure NGV applications



FLB-1000

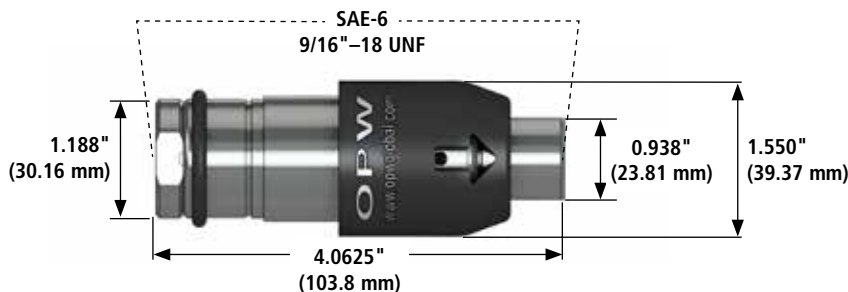
## Features

- ◆ **High-Flow/Fast Fill Capacity** - This NGV1 breakaway will provide quick fueling of large vehicles.
- ◆ **Durable, Corrosion-Resistant Construction** - stainless steel construction provides improved durability and corrosion resistance in harsh environments.
- ◆ **Reconnectable Design** - allows the component to be reused, reducing total cost of ownership
- ◆ **Innovative Valve System** - the sealing system in this breakaway minimizes the amount of vent gas released during a drive-away incident.
- ◆ **Reduced Size and Weight** - to allow for more applications where size may be a concern.
- ◆ **Easy Installation** - the in-line breakaway has SAE-6 O-ring fittings for easy installation in line between the dispenser and nozzle.
- ◆ **Disconnection Force** - 120 lbs. (+/- 30 lbs.) (534 +/- 134 N).
- ◆ **100% Leak and Breakaway Tested, with Traceable Serial Numbers**

## Ordering Specifications

Product #	Inlet Thread Size	Outlet Thread Size	Service Pressure	Weight
FLB-1000	SAE - 6, 9/16" - 18 UNF (female)	SAE - 6, 9/16" - 18 UNF (female)	3,600 psi 250 bar	0.91 lb (0.41 kg)
CNGBREAKKIT-1000 (Includes FLB-1000 and NGVLB Breakaway)	FLB-1000 SAE - 6, 9/16" - 18 UNF (female)	FLB-1000 SAE - 6, 9/16" - 18 UNF (female)	3,600 psi 250 bar	1.13 lb (0.51 kg)
	NGVLB SAE - 6, 9/16" - 18 UNF	NGVLB SAE - 6, 9/16" - 18 UNF	3,600 psi 250 bar	

FLB-1000 Dimensions



## Fill-Line Breakaway (FLB-1000) - Standard Duty

OPW has optimized the in-line breakaway for use in automotive NGV refueling applications. This unit will function consistently, independent of the inlet pressure.

## Specifications:

Max Flow Rate: 3,700 SCFM @ 3,600 psid

Temperature Range: -40° F to 185° F  
(-40° C to 85° C)

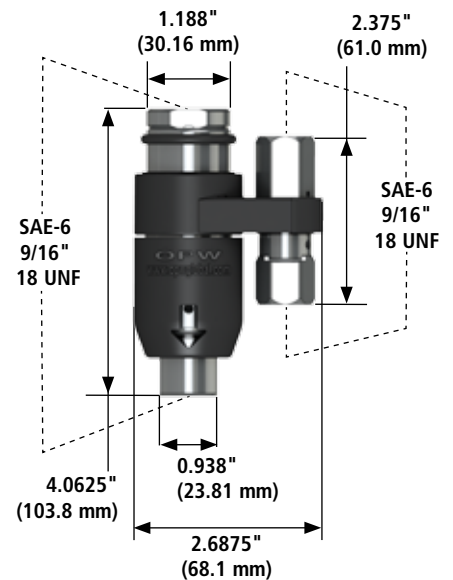
Cv: 1.85

MAWP: 4,532 psi (312.5Bar)



## Fill-Line Breakaway Kit

CNGBREAKKIT-1000  
(Includes NGVLB Breakaway)



## Listings and Certifications



## CRN

See page 33 for Canadian Registration Number



## Fill-Line Breakaway (FLB-5000) - Heavy-Duty Truck/Bus

OPW has optimized the in-line breakaway for use in heavy-duty truck and bus NGV refueling applications. This unit will function consistently, independent of the inlet pressure.

### Specifications:

Max Flow Rate: 7,500 SCFM @ 3,600 psid

Temperature Range: -40° F to 185° F  
(-40° C to 85° C)

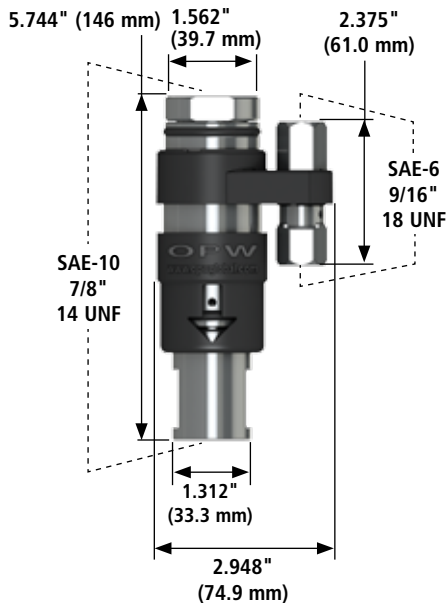
Cv: 3.91

MAWP: 4,532 psi (312.5 Bar)



### Fill-Line Breakaway Kit

CNGBREAKKIT-5000  
(Includes NGVLB Breakaway)



### Materials

**Body:** Stainless steel

**Internal Components:** Stainless steel

**Seals:** Specially formulated polyurethane seals to withstand high pressure NGV applications



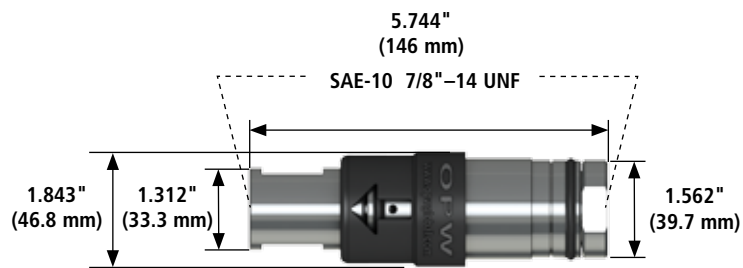
FLB-5000

### Features

- ◆ **High-Flow/Fast Fill Capacity** - this is OPW's fastest flowing breakaway. This breakaway will provide quick fueling of large vehicles.
- ◆ **Durable, Corrosion-Resistant Construction** - stainless steel construction to provide improved durability and corrosion resistance in harsh environments.
- ◆ **Reconnectable Design** - allows the component to be reused, reducing total cost of ownership
- ◆ **Innovative Valve System** - the sealing system in this breakaway minimizes the amount of vent gas released during a drive-away incident.
- ◆ **Reduced Size and Weight** - to allow for more applications where size may be a concern.
- ◆ **Easy Installation** - the in-line breakaway has SAE-10 O-ring fittings for easy installation in line between the dispenser and nozzle.
- ◆ **Disconnection Force** - 120 +/- 30 lbs. (534 +/- 134 N).
- ◆ **100% Leak and Breakaway Tested, with Traceable Serial Numbers**

### Ordering Specifications

Product #	Inlet Thread Size	Outlet Thread Size	Service Pressure	Weight
FLB-5000	SAE - 10, 7/8" - 14 UNF (female)	SAE - 10, 7/8" - 14 UNF (female)	3,600 psi 250 bar	2 lb (0.907 kg)
CNGBREAKKIT-5000 (Includes FLB-5000 and NGVLB Breakaway)	FLB-5000 SAE - 10, 7/8" - 14 UNF (female)	FLB-5000 SAE - 10, 7/8" - 14 UNF (female)	3,600 psi 250 bar	2.22 lb (1 kg)
	NGVLB SAE - 6, 9/16" - 18 UNF	NGVLB SAE - 6, 9/16" - 18 UNF	3,600 psi 250 bar	



FLB-5000 Dimensions

### Listings and Certifications



CE 0036

CRN

See page 33 for Canadian Registration Number