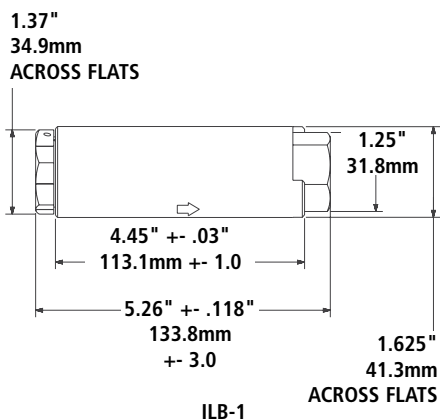




## In-Line Breakaway (ILB-1 & ILB-H)

Designed for medium flow and automotive NGV and hydrogen refueling applications. This unit will function consistently, independent of the inlet pressure.



## Materials

- Body:** Stainless steel
- Internal Components:** Stainless steel
- Seals:** Specially formulated polymers and elastomers specific to high-pressure NGV applications.



ILB-1

## Features

- ◆ **High-Flow** - the flow path has been matched to provide ample flow for all NGV-1 Type 1 and Type 2 nozzles.
- ◆ **Durable, Corrosion-Resistant Construction** - stainless steel and specially plated steel construction provide improved durability and corrosion resistance in harsh environments.
- ◆ **Reconnectable Design** - allows the component to be reused, reducing maintenance costs.
- ◆ **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-150 lbs. (668 N).**
- ◆ **Individually Inspected, Leak and Breakaway Tested, with Traceable Serial Numbers**

## Specifications:

Min. Flow Rate: 2000 SCFM @ 3000 psid  
 Temperature Range: -40° F to 185° F  
 (-40° C to 85° C)

Cv: 1.17

MAWP (ILB-1): 5438 psi (375 Bar)

MAWP (ILB-H): 6345 psi (437 Bar)

## Ordering Specifications

Product #	Inlet Thread Size	Outlet Thread Size	Service Pressure		Weight.
ILB-1	SAE - 6, 9/16" - 18 UNF (female)	SAE - 6, 9/16" - 18 UNF (female)	3600 psi	250 bar	2.3 lb. - 1.04 kg
ILB-H	SAE - 6, 9/16" - 18 UNF (female)	SAE - 6, 9/16" - 18 UNF (female)	5076 psi	350 bar	2.3 lb. - 1.04 kg

Recommended to be used with the CC200, CC300, CC600, CT1000 and Hydrogen Series Nozzles

## Listings and Certifications



## CRN

See page 43 for Canadian Registration Number



## Materials

**Body:** Stainless steel

**Internal Components:** Stainless steel

**Seals:** Specially formulated polymers and elastomers specific to high-pressure NGV applications.



ILB-5

## Features

- ◆ **High-Flow/Super Fast Fill Capacity** - This breakaway will provide quick fueling of large storage vehicles. Internal seals are specifically designed to meet the demands of fast-fill NGV fueling.
- ◆ **Durable, Corrosion-Resistant Construction** - stainless steel and specially plated steel construction provide improved durability and corrosion resistance in harsh environments.
- ◆ **Reconnectable Design** - allows the component to be reused, reducing maintenance costs.
- ◆ **Innovative Valve System** - the sealing system in this breakaway minimizes the amount of vent gas released during a drive-away incident.

- ◆ **Easy Installation** - the in-line breakaway has SAE-10 O-ring fittings for easy installation in line between the dispenser and nozzle.
- ◆ **Disconnection Force** - 150 lbs. (668 N).
- ◆ **Individually Inspected, Leak and Breakaway Tested, with Traceable Serial Numbers**

## Specifications:

Min. Flow Rate: 5500 SCFM @ 3000 psid

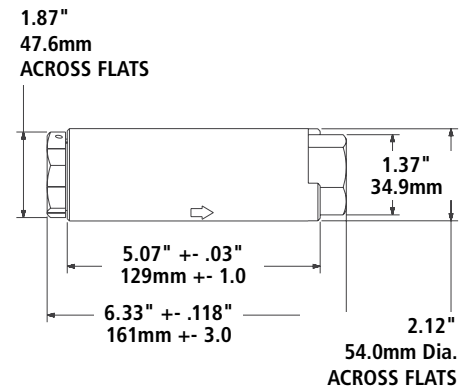
Temperature Range: -40° F to 185° F  
(-40° C to 85° C)

Cv: 3.6

MAWP: 5438 psi (375 Bar)

## In-Line Breakaway (ILB-5) - Heavy-Duty Truck/Bus

Designed for high flow and heavy-duty truck and bus NGV and hydrogen refueling applications. This unit will function consistently, independent of the inlet pressure.



ILB-5

## Ordering Specifications

Product #	Inlet Thread Size	Outlet Thread Size	Service Pressure	Weight.
ILB-5	SAE - 10, 7/8" - 14 UNF (female)	SAE - 10, 7/8" - 14 UNF (female)	3600 psi 250 bar	5 lb. - 2.26 kg

Recommended to be used with the CT5000 and CC6000 Series Nozzles.

## Listings and Certifications



CE 0036

CRN

See page 43 for Canadian Registration Number