

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.

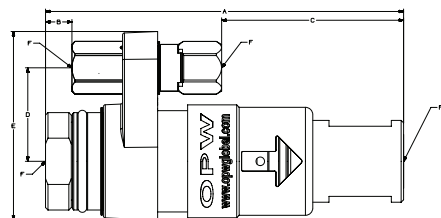
Specifications:

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)



Dimensions

CNGBREAKKIT-5000		
	in	mm
A	5.74	145.9
B	0.42	10.8
C	2.92	74.1
D	1.50	38.1
E	3.03	76.9
F	Straight Thread O-ring Boss Port SAE-10 J1926 (7/8" - 14 UNF-2B) Both Ends	

Materials

Body: Stainless steel

Internal Components: Stainless steel

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

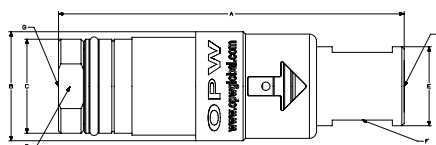


Features

- ◆ **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 driveaway 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 (0.91 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	



Dimensions

FLB-5000		
	in	mm
A	5.74	145.9
B	1.81	46.0
C	1.56	39.7
D	1.37	34.9 Across Flats
E	1.31	33.3
F	1.13	28.6 Across Flats
G	Straight Thread O-ring Boss Port SAE-10 J1926 (7/8" - 18 UNF-2B) Both Ends	

Listings and Certifications



NGV 4.4

PED
2014/68/EU

CE 0036

CRN
See page 23 for Canadian
Registration Number