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### OPW BDN Vehicle Defueling Nozzle (BDN)



OPW has developed a new tool to safely depressurize vehicles. This valve can also be used to transfer fuel from one vehicle to another in the event of a breakdown on the side of the road, or be used in areas where no refueling station is available. This nozzle should be hooked up to a check valve, three-way valve, hose and appropriate storage tank or fueling device.

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## **Key Features Include:**

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- Durable Corrosion Resistant Construction - Stainless steel and brass provide improved durability and corrosion resistance in the harsh environments.
- Jaw Lock Connection - To ensure against damage to the receptacle during the defueling process.
- User Friendly Operation - Low force actuation lever provides enough mechanical advantage to open receptacle check valves with up to 4500 psi pressure differentials.
- Good for both Filtered and Non-Filtered Receptacles - Shaft extenders are included inside the handle to open receptacle check valves.
- SAE-4 O-Ring Outlet Port - Allows for standard fittings to be used when connecting nozzle to hose.
- Connects to NGV-1 style receptacles (BDN).
- Individually Leak Tested and Inspected with Traceable Serial Numbers.

## **Materials:**

Body and Internal Components: 316L stainless steel

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

## Specifications:

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### Specifications:

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

Weight: 1.35kg (3 lbs.)

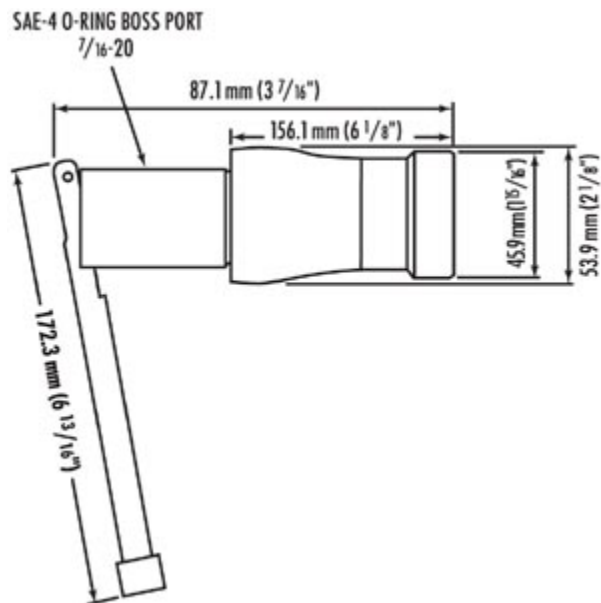
Cv: 0.5

Design Pressure: 5000 psi (345 Bar)

**NOTE:** For Sherex/OPW Filtered Receptacles - order the TA031 Filter Removal and Installation Tool.

## Dimensions

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BDN

## Ordering Information

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Product No.	Outlet Thread Size	Max. Allowable Service Pressure
BDN for CNG Service	SAE - 4, 7/16 - 20 UNF	5000 psi (345 Bar)

