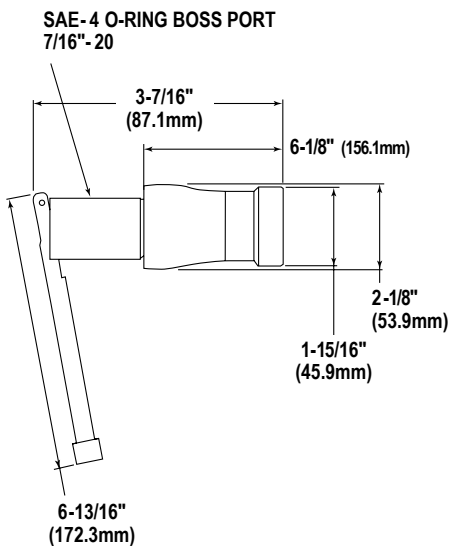


OPW BDN-H Vehicle Defueling Nozzle

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 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.

BDN-H

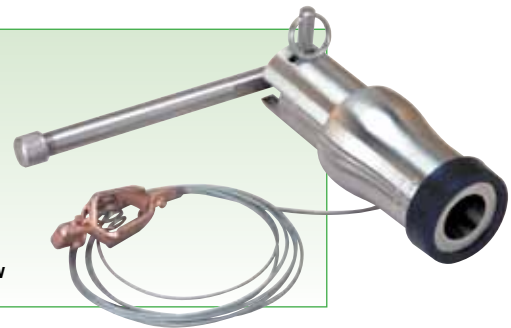


Materials

Body and Internal Components:

316L stainless steel

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



BDN-H - Front View

Features

- ◆ **Durable Corrosion-Resistant Construction** - stainless steel and brass provide improved durability and corrosion resistance in the harsh environments. All wetted components are hydrogen fuel compatible (BDN-H).
- ◆ **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) and the Proposed ISO Hydrogen Receptacle Standard (BDN-H)**
- ◆ **Individually Leak Tested and Inspected with Traceable Serial Numbers**
- ◆ **Agency Listings Pending**

Specifications:

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

Weight: 3 lbs. (1.35 kg)

Cv: 0.5

Design Pressure: 7815 psi (538 bar)

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

Ordering Specifications

Product No.	Outlet Thread Size	Receptacle/Connection	Max. Allowable Service Pressure	
BDN-H for Hydrogen Service	SAE - 4, 7/16 - 20 UNF	SAE J2600 Profile (P36 / P50)	6250 psi	430 bar
• Connects to LH5000, LJ5000, LK5000 and LK3600 Series Hydrogen Receptacles				