



# CLA-VAL 341GF/342GF

## Severe Duty Refueling Nozzle



**341GF Nozzle with  
D2 & Dry Break**

- **Conforms to SAE-AS5877**
- **Connects to MS24484 Single Point Adapter**
- **Low Pressure Drop**
- **All Aluminum and Stainless Steel Construction**
- **Safety Interlock with Square Pins**
- **Convenient Guard Bar Hand Grip**
- **Guard Bar Protects Operating Handle**

The Cla-Val Model 341GF/342GF Nozzle is a refueling nozzle for pressure fuel servicing of aircraft, and for bottom loading of tank trucks.

To ensure maximum safety during refueling, the Cla-Val 341GF/342GF Nozzle has primary and secondary interlock systems. The primary interlock ensures that the nozzle cannot be opened when it is not connected to an aircraft adapter. The secondary interlock protects the 341GF/342GF Series Nozzle from hazards of interfacing with badly worn aircraft adapters. Even when used with a badly worn adapter, the nozzle is safer because it uses square register pins that provide positive alignment with the square slots in the adapter. In addition, the nozzle cannot be removed from the adapter until the operating lever is rotated to the fully-closed position.

To achieve maximum strength and durability, the Cla-Val 341GF/342GF Nozzle uses a stainless steel bayonet ring cast within the aluminum collar of the nozzle. The crank shaft of the nozzle extends across the entire width of the interior flow path and is supported from end-to-end by a structural wall that splits the flow path. This wall supports the crank shaft while straightening the flow and keeping flow resistance as low as possible. To reduce aircraft refueling times, the flow resistance through the Cla-Val 341GF/342GF Nozzle has the lowest head loss, which means it can fill an aircraft faster than any other nozzle.



**341GF Nozzle with  
HEPCV & Strainer Ball Valve**

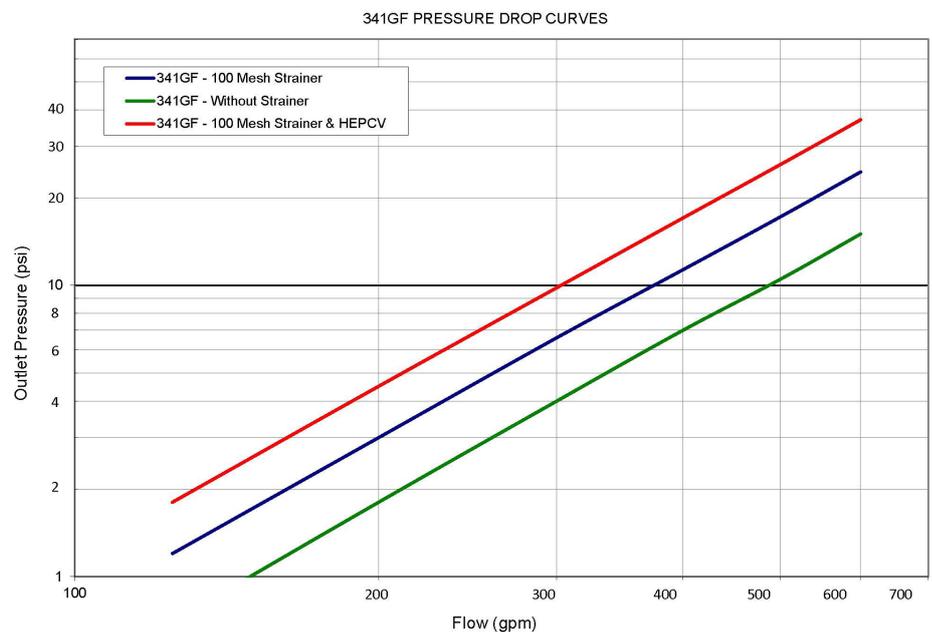


**342GF Nozzle with  
HEPCV & Dry Break**



**Nozzle  
Connection View**

### Pressure Drop Data

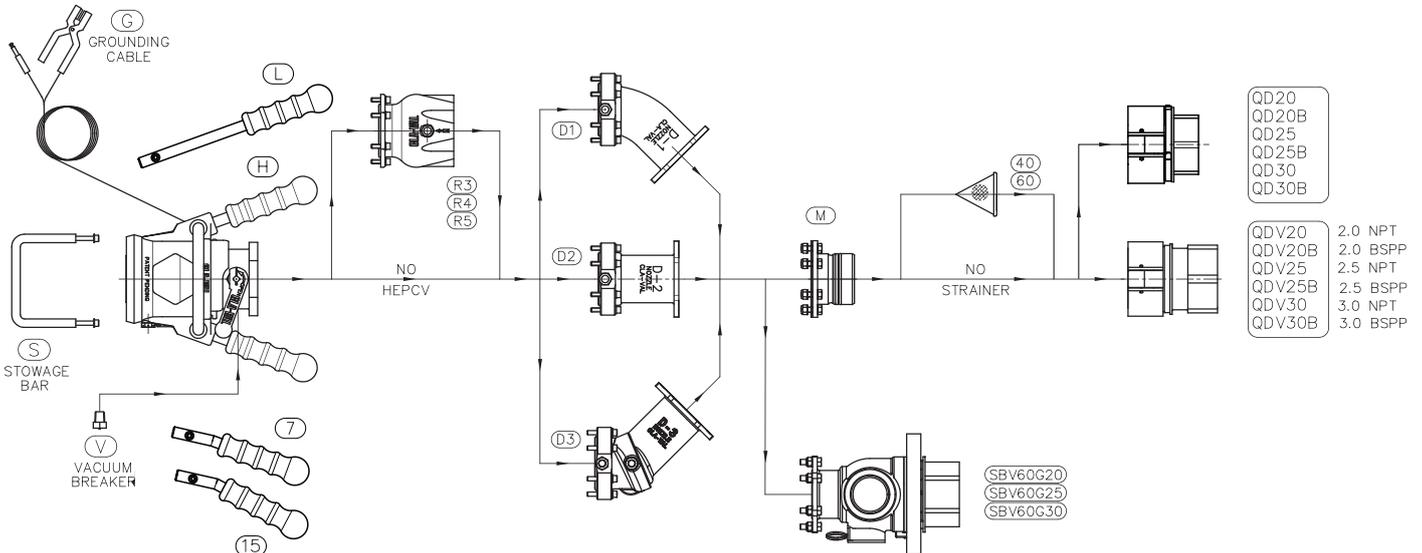




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## Severe Duty Refueling Nozzle

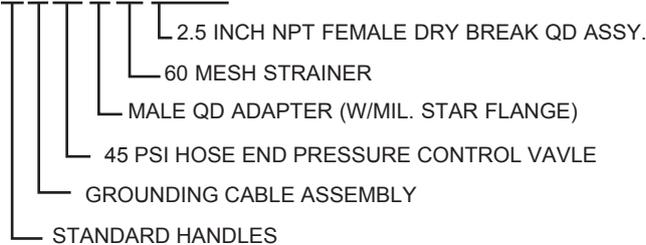
### Model Numbering Scheme



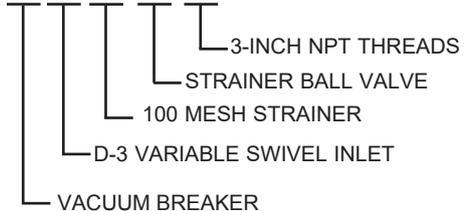
### Create Complete Model Numbers for Various Applications

It is easy to customize a 341GF/342GF Refueling Nozzle to special requirements. Complete model numbers always begin with "341GF". Add your option selections to this base model number, following the flow chart above from left to right. See example below.

342GF- H G R4 M 60 QDV25



341GF-V D3 100 SBV 30



### Available Options for Model 341GF/342GF

<b>H</b>	STANDARD HANDLES
<b>L</b>	LONG HANDLES
<b>7</b>	STANDARD HANDLES WITH 7° BEND
<b>15</b>	STANDARD HANDLES WITH 15° BEND
<b>G</b>	GROUNDING CABLE
<b>V</b>	VACUUM BREAKER
<b>S</b>	STOWAGE BAR
<b>R3</b>	35 PSIG HEPCV WITH FLANGED OUTLET
<b>R4</b>	45 PSIG HEPCV WITH FLANGED OUTLET
<b>R5</b>	55 PSIG HEPCV WITH FLANGED OUTLET
<b>D-1</b>	D-1 ELBOW SWIVEL INLET
<b>D-2</b>	D-2 STRAIGHT SWIVEL INLET
<b>D-3</b>	D-3 VARIABLE SWIVEL INLET
<b>M</b>	MALE QUICK DISCONNECT ADAPTER

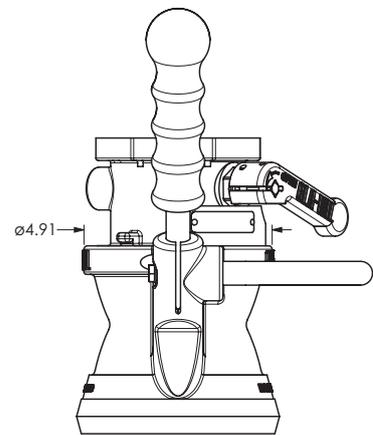
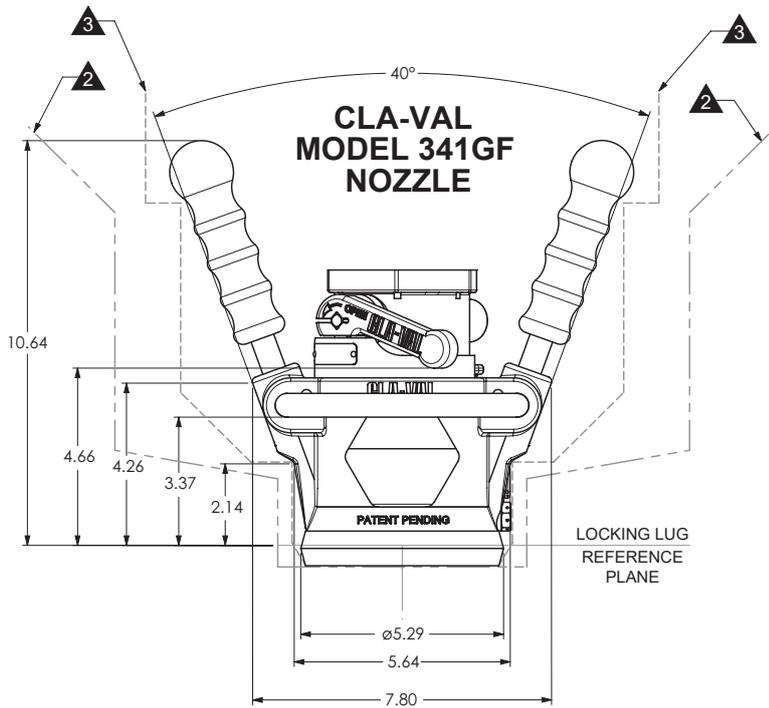
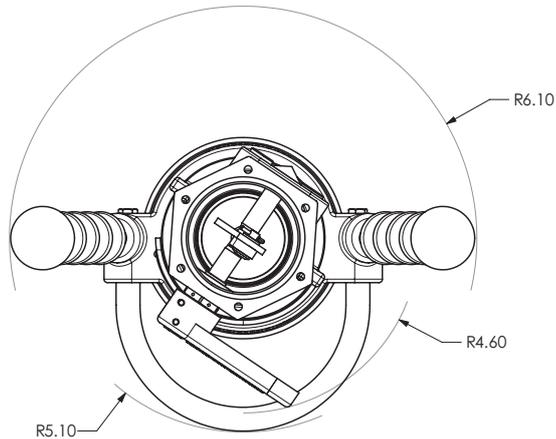
<b>40</b>	40 MESH STRAINER
<b>60</b>	60 MESH STRAINER
<b>100</b>	100 MESH STRAINER
<b>QD</b>	STANDARD QUICK DISCONNECT
<b>QDV</b>	DRY BREAK QUICK DISCONNECT
<b>SBV</b>	349GF STRAINER BALL VALVE
<b>B</b>	BLANK SBV INSPECTION COVER
<b>G</b>	GLASS SBV INSPECTION COVER
<b>20</b>	2-INCH NPT THREADS
<b>20B</b>	2-INCH BSPP THREADS
<b>25</b>	2.5-INCH NPT THREADS
<b>25B</b>	2.5-INCH BSPP THREADS
<b>30</b>	3-INCH NPT THREADS
<b>30B</b>	3-INCH BSPP THREADS

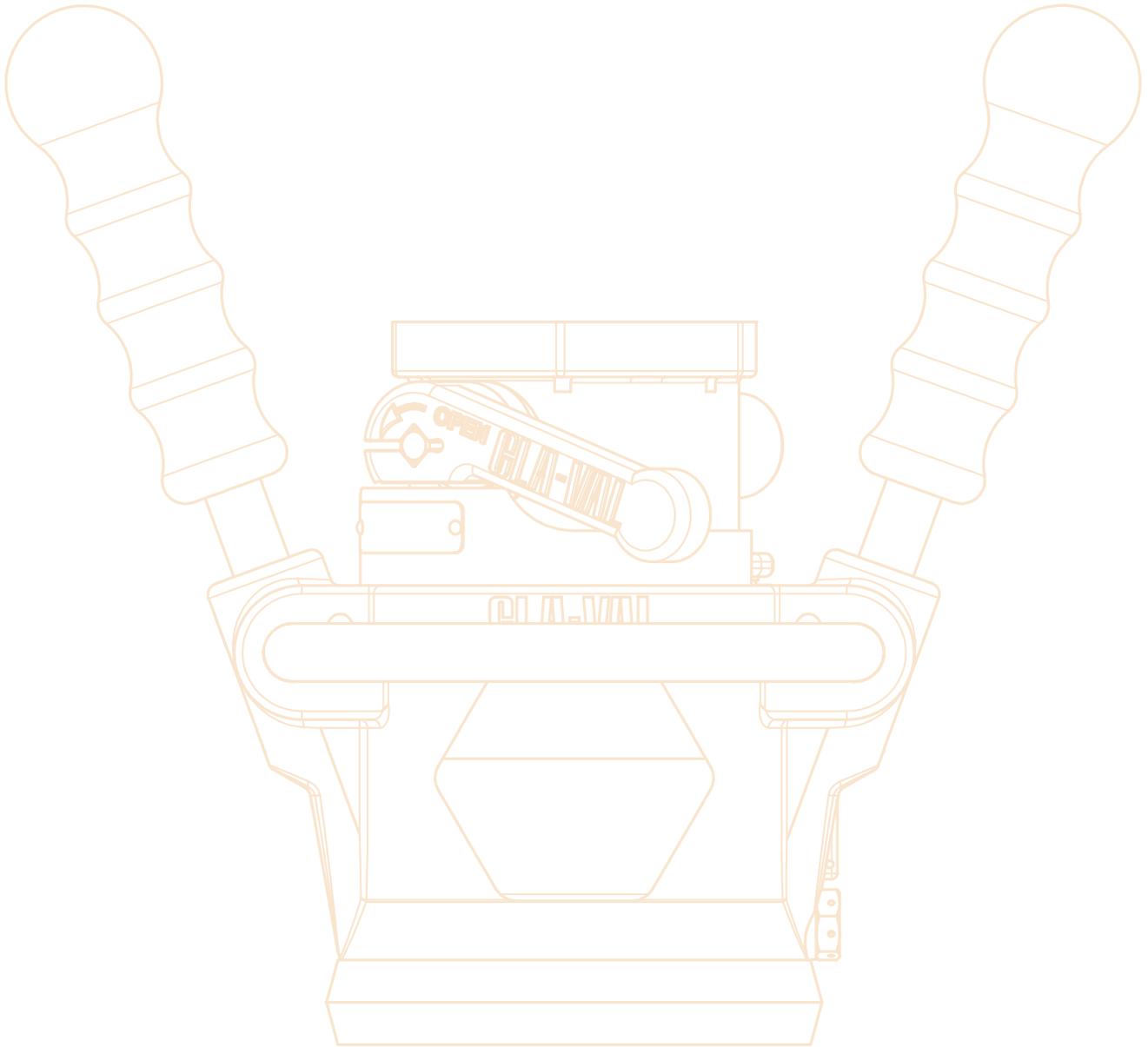


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### Envelope Dimensions





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