



# 100 Series 45° Fill Valve With Bus and Truck Nozzle

## Application

CNG and Bio-Gas Dispenser for Bus and Truck filling



FV103-4-02A-C 45° Fill Valve & NC104-200 Nozzle

## Features & Benefits

The Oasis Full Flow Fill Valve with Bus & Truck Fuelling Nozzle redefines the flow rate standard for NGV gas delivery.

Hardened segment connection nozzle increases gripping surface area and reduces wear in receptors.

Green indicator shows nozzle in coupled position.

Both Fill Valve & Nozzle serviceable onsite with Oasis Service Kits.

The FULL FLOW design means more gas is dispensed faster to the vehicle, maximising the number of vehicle fills per day and minimising wasted gas.

## Product Information

All products are manufactured under ISO 9001 accredited standards.

Bus & truck fuelling nozzle designed and tested to ISO 14469-2 Standard.

Complies to PED 2014/68/EU.

Nozzle to fit DN12 (C200) receptacles as per ISO 14469-2 Standard.

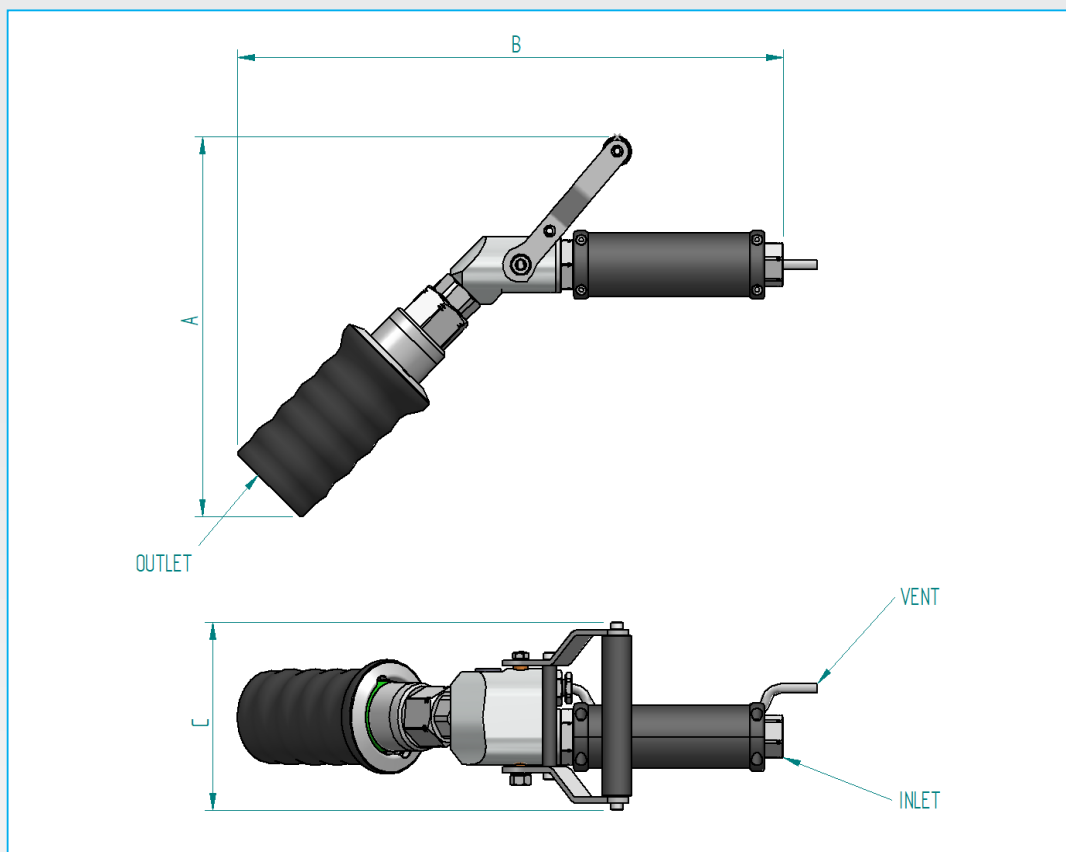
Video servicing instructions available online at [oasisngv.com/resources](http://oasisngv.com/resources)



Example of Receptacle DN12



# 100 Series 45° Fill Valve With Bus and Truck Nozzle



## Dimensions Inch (mm)

Part Code	Size	A	B	C	Inlet Port	Vent Line	Outlet	Nozzle
FV103-4-02A-C	3/8"	10.2 (258)	14.6 (372)	5 (128)	3/4 - 16 SAE	1/4" Tube	P30HD#	NC104-200^^

## Product Specification

Part Code	Mass lb (kg)	Min. Operating Pressure psi (bar)	MAWP psi (bar) **	Min. Temp. °F (°C)	Max. Temp. °F (°C)	Stem Open Torque ft-lb (N-m)	Cycles Before Rekit <sup>^</sup>	Cv <sup>+</sup>	Nozzle Service Kit <sup>^^</sup>	Fill Valve Service Kit
FV103-4-02A-C	7.2 (3.3)	7 (0.5)	4532 (312.5)	-40 (-40)	185 (85)	3.7 (5)	100,000	2.6	NC104-SK200-1	FV103-SKDN

# Also connects to P36HD receptacles

\*\* Maximum Allowable Working Pressure, maximum pressure at which the product can continuously operate.

<sup>^</sup> It is recommended that the nozzle is re-kitted on or before the allowable cycles. This can be undertaken easily on site.

<sup>^^</sup> NC104-SK200-1 service kit for NC104-200 nozzle only. For NC104-C200 use NC104-SK service kit only.

<sup>+</sup> Tested in accordance with ANSI/ISA 75.02.01:2008

We reserve the right to modify product specifications without prior notice.



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### Service Kits

All wearing components are available for replacement with original Oasis service kits

#### FV103-SKDN

Fill valve service kit for sealing components, recommended to be replaced on or before the maximum cycles before re-kit as identified in product specifications.



#### NC104-SK200-1

Bus and truck nozzle service kit, recommended to be replaced on or before the maximum cycles before re-kit as identified in product specifications



NC104-SK200-1 service kit for NC104-200 nozzle only.

#### FV103-17

Fill valve 2 piece handle sleeve, to be replaced as required



#### FV103-70

Fill valve handle replacement kit, to be replaced as required

