

# HIFLO AVIATION NOZZLES

Our aviation fuelling nozzles for overwing and helicopter services exceed expectations with superior handling. Elaflex is best known for its extensive nozzle range, designed to suit a wide array of fuelling/defuelling applications. Available in several types and sizes, our nozzles are manufactured according to current standards or aviation guidelines.

Suitable for various fuel qualities as JET A-1, AVGAS and unleaded (UL 91) fuels.



Patented -  
EP 2574597  
and US 9051164.

Configure online:  
[nozzleconfigurator.elaflex.de](http://nozzleconfigurator.elaflex.de)  
Or find our spare parts overview online:  
[e20.elaflex.de/en](http://e20.elaflex.de/en)

## ZVF 50

Catalogue pages 541 a-d; Information 5.13 E



ZVF 50 JET



ZVF 50 AVGAS



ZVF 50 UL

**Most advanced** HiFlo aviation nozzle for overwing and helicopter refuelling, made of non-ferrous metals. Ergonomically designed with excellent features:

- Low weight & light lever action incl. LeverAssist®
- Flow rate up to 400 l/min. and sensitive flow control, minimised pressure shock
- Integrated bumpers with clear colour coding to avoid misfuelling: black = JET/red = AVGAS/green = UL
- Improved spout change system with threaded (SIC) or timesaving Push-Twist-Lock (PTL) connection
- Integrated easy rotating swivel
- Optional integrated Sight Glass

### Nozzle Boot 'NB-ZVF 50':

For easy installation of ZVF 50 nozzles on board of refuellers and dispensers. Available with different types of sensors for interlock systems. With or without spout retainer for quick spout change.



NB-ZVF 50



NB-ZVF 50 SR

## ZVF 25

Catalogue page 537

HiFlo nozzle, manually operated, made of non-ferrous metals. Size DN 25 (1").

For AVGAS and JET fuels, gasoline, diesel, fuel oil, petroleum & motor oils. Fuel up to 140 l/min. Working pressure up to 3,5 bar (50 psi), with stronger spring EF 362.6 up to 5 bar.



## ZVA 25 AF

Catalogue page 525

HiFlo automatic nozzle DN 25 (1"), made of non-ferrous metals, flow rate up to 140 l/min. Working pressure 0,5 - 3,5 bar. Special type up to 5 bar.

For AVGAS and JET A-1, gasoline, diesel, fuel oil and petroleum.



## ZVA 32

Catalogue page 529

HiFlo automatic nozzle DN 32 (1¼"), flow rate up to 200 l/min. Working pressure 1,5 to 6 bar.

For AVGAS and JET A-1 as well as diesel, light fuel oil, and petroleum.



## ZVA SLIMLINE 2

Catalogue page 517

Automatic nozzle DN 19, for flow rate max. 80 l/min for general aviation refuelling.

Working pressure 0,5 to 3,5 bar. Special type up to 6 bar. Temperature range -20° to +55°C.

For AVGAS and JET A-1, gasoline, diesel, fuel oil, petroleum & motor oils.



## ACCESSORIES AND SPARE PARTS – AVAILABLE EX STOCK

### GKG, EKG & ER



All aviation fuelling nozzles available with/without ground cable assemblies (EKG) and dust caps (GKG).

Easy maintenance with spare parts such as spouts (ER) and strainers.

Defuelling rubber spout (SRG 32)

### Swivels & Sight Glasses

Catalogue pages 363 + 531



Easy rotating hose swivels available in different materials, sizes, with BSP or NPT threads to ensure easy handling.

Sight glasses to simplify inspection and cleaning. Available for all nozzle types.