



Turbine Adrienne

Application

Dedicated to gravity or pumped metering on truck metering : by gravity or by pump

- ◆ Oil terminal metering : skid and pipeline
- ◆ Autonomous & mobile metering : loading/unloading metering for truck, ship, railcar
- ◆ Master meter for calibration and verification

Advantages

- ◆ Horizontal or vertical easy installation
- ◆ Compact size and lightweight
- ◆ Plug & play connection with any electronic calculator
- ◆ Dual pulse transmitter (option with correction and integrated phase shift version)
- ◆ Low pressure loss for optimal flow rate (+5%) thanks to its insensitivity to impurities (up to 0.8mm)
- ◆ Extended life (low maintenance)
- ◆ High accuracy, repeatability & life-time
- ◆ Evolutive design and variety of models
- ◆ Multi-flanges

Certifications



Material in conformity with Measuring Instruments Directive 2014/32/EU



European certifications in accordance with directives concerning measuring instruments and equipment installed in explosive area



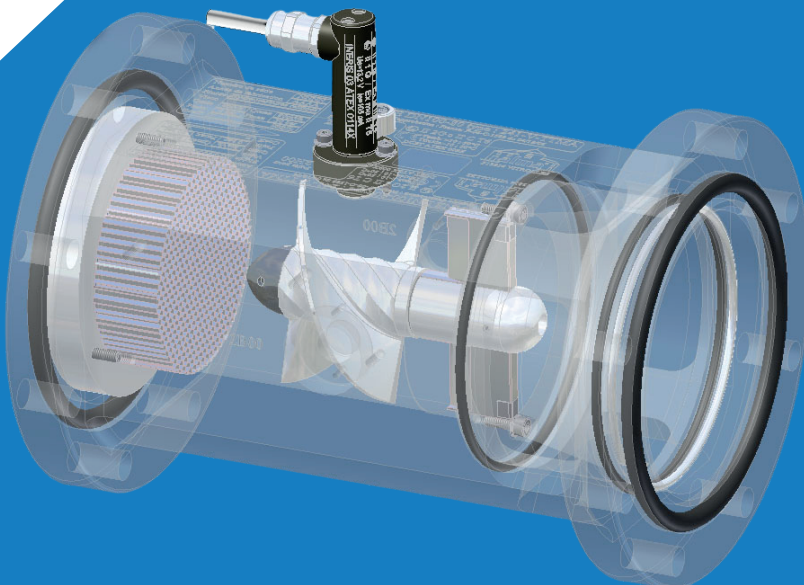
Atex conformity zone 1 Gas group B

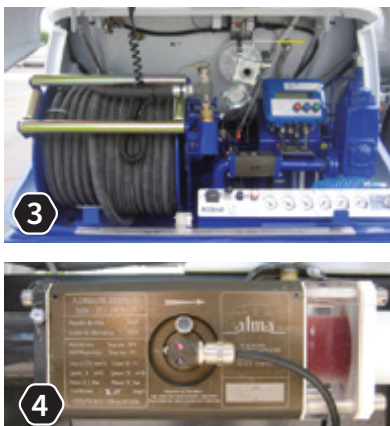


Pressure Equipment Directive 2014/68/UE
*only for the turbine DN 150-600



ISO 9001





- ❶ Turbine 3'' DN80-80
- ❷ Turbine 4'' DN100-150
- ❸ Turbine 2'' DN50-30 GPL
- ❹ Turbine 2'' DN50-50
- ❺ Turbine 4'' DN100-150

Caractéristiques Techniques

CARACTÉRISTIQUES GÉNÉRALES DES COMPOSANTS

TURBINE ADRIANE

Liquids measured : All refined hydrocarbons (heating oil, diesel, fuel, jet, urea, gasoline, Adblue, biofuel, Ethanol, EMAG) and other liquids (Adblue, urea, CO2)

Flows : From 2,5 to 600 m³/h, 40 to 1000L/min

Accuracy : 0,1 %

Repeatability : 0,02%

Scale interval : 1L

Turbine body : Aluminium or Inox

Rotor, Axle, Bearing : Aluminium or FEP/titane, Crbon, Tungsten carbid

Flanges : Square, TTMA, PN, ASA, TW

Pressure : Depending on flanges

Temperature : -20°C à +50°C *(other limits depending on the product type)*

Viscosity : Up to 13 Cst

Atex : II 2 G c IIC T6

Certificate : LNE-12393 (Guide Welmec 8.8 et OIML R117-1)

Product Designation	Nominal Diameter (mm)	Flow (m ³ /h)		Liquids	Viscosity (mm ² /s)	Max. Pressure (bar)	Body	Rotor
		Min.	Max.					
TURBINE ADRIANE DN 32-25 1"1/4*	32	2,5	25	Multi-products	13	25	Alu	Alu
TURBINE ADRIANE DN 50-30 GPL	50	6	30	LPG	1	30	Inox	Alu
TURBINE ADRIANE DN 50-50 FOD	50	4	50	FOD / GO	10	30	Alu	Alu
TURBINE ADRIANE DN 50-50 ESSENCE	50	4	50	Gasoline	10	30	Alu	Alu
TURBINE ADRIANE DN 50-60 GPL*	50	6	60	LPG	1	30	Alu	Alu
TURBINE ADRIANE DN 80-80	80	8	80	Multi-products	13	30	Alu / Inox	Alu
TURBINE ADRIANE DN 80-80 CHIMIE	80	8	80	AdBlue / Urea	13	30	Inox	Tita
TURBINE ADRIANE DN 100- 80	100	8	80	Multi-products	13	30	Alu / Inox	Alu
TURBINE ADRIANE DN 100-150	100	15	150	Multi-products	13	30	Alu / Inox	Alu
TURBINE ADRIANE DN 150-600	150	60	600	Multi-products	13	20	Alu / Inox	Alu

*non couverte par le certificat LNE-12393

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