



DISPENSERS



PUMPS



METERS



NOZZLE



FILTRATION



FLUID MONITORING

# K33 ATEX

## FEATURES

- BURSTING PRESSURE 28 BAR
- 3 DIGIT DISPLAY
- EASY TO CALIBRATE
- 4 FLOW DIRECTIONS

The PIUSI K33 ATEX is an oval gear mechanical meter engineered for an accurate measuring of the quantity of fluid dispensed that meets the ATEX/IECEX requirements related to the use in potentially explosive atmospheres. Reliable and easy to install, it can be calibrated on site and simply fitted with both rigid or flexible pipes or can be put directly on pumps and tanks.



## PERFORMANCE

**20-120**

L/MIN  
FLOW-RATE

**3,5 BAR**

MAX OPERATING  
PRESSURE

**± 1%**

ACCURACY





K33 - ATEX



OUR PRODUCTS COMPLIES WITH THE FOLLOWING MARKING ATEX

II	2	G	c	IIB	T6
GROUP	CATEGORY	TYPE OF EXPLOSIVE ATMOSPHERE	PROTECTION METHOD	GAS GLASS	TEMPERATURE CLASS

## PACKAGING

CODE	WEIGHT		PACKAGING			N. BOXES / EUROPALLET	
	KG	LBS	MM	INCH	PCS/BOX		
FO057000A	0,6	1,3	180X180X170	-	1	192	240
FO057001A	0,6	1,3	180X180X170	-	1	192	240
FO057002A	0,6	1,3	180X180X170	-	1	192	240
FO057003A	0,6	1,3	180X180X170	-	1	192	240



HOSE REELS



ACCESSORIES



MERCHANDISE



AIR



ANTIFREEZE



AdBlue®



BIODIESEL



DIESEL



FOOD



GASOLINE



GREASE



KEROSENE



OIL



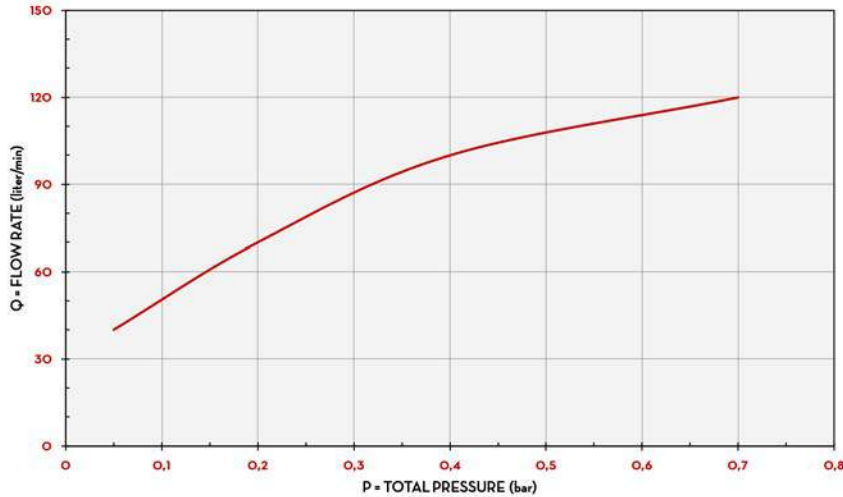
WATER



WINDSCREEN

## CHART

### K33 ATEX



TYPE OF FLUID DIESEL  
 TEMPERATURE 16 °C

## IN THE BOX

- K33 ATEX METER
- INSTRUCTION MANUAL

## DETAILS



NUTATING DISK SYSTEM



4 FLOW DIRECTIONS



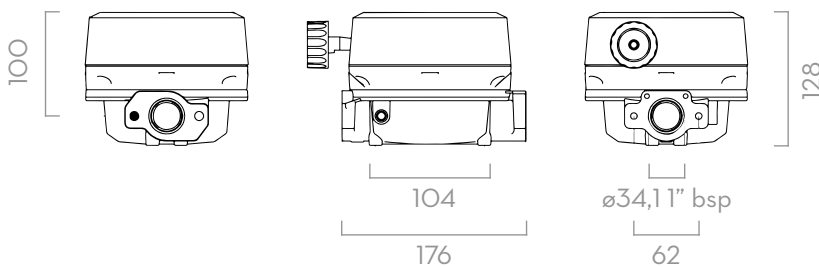
ATEX APPROVED

## DIMENSIONS

### K33-K44 SIDE

### K33-K44 FRONT

### K33-K44 SIDE



Dimensions expressed in millimeters

## MATERIALS

- BODY: ALUMINIUM
- NUTATING DISK CHAMBER: TECHNOPOLYMER

## TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW DIRECTION	FLOW-RATE		PRESSURE		INLET / OUTLET
				L/MIN	GPM	BAR	PSI	
FO057000A	K33 - ATEX VER. A	D G K	←	20 - 120	5 - 32	3,5	50	1" BSP
FO057001A	K33 - ATEX VER. B	D G K	↑	20 - 120	5 - 32	3,5	50	1" BSP
FO057002A	K33 - ATEX VER. C	D G K	↓	20 - 120	5 - 32	3,5	50	1" BSP
FO057003A	K33 - ATEX VER. D	D G K	→	20 - 120	5 - 32	3,5	50	1" BSP

FLUIDS PERMITTED: DIESEL, KEROSENE, PETROL, PETROL ALCOHOL MIXED MAX 20%,  
 AVGAS 100/100LL (PUMP ONLY), JET A/A1 (PUMP ONLY) - ASPEN 2/4. UL CLASSIFIED VERSION AVAILABLE

# K33 ATEX