

# PIUSI EX50 PUMP 12V DC 50LPM F00371000

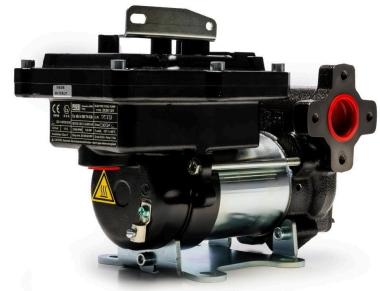
F00371000

## FLUID COMPATIBILITY

Diesel

Petrol

12V DC vane pump delivering 50 L/min for diesel or petrol transfer. ATEX, UL and IECEx certified for safe operation in hazardous areas.



## FEATURES

- IECEx approved explosion proof design
- Anti-noise filter
- Cast iron construction
- Viton seals
- Available in 12V DC and 240V AC

## TECHNICAL SPECIFICATIONS

Flow Rate	50ltr Per Min	Connection	DN25 (1") F BSP and Flanged
Duty Cycle	30 min on / 60 min off	Weight	6.9
Voltage	12V DC		

## USE CASE & APPLICATION

- Mobile service truck fuel transfer
- Workshop diesel and petrol dispensing
- Small fleet refuelling stations
- Agricultural machinery refuelling
- Construction site fuel bowsers
- Mine site certified fuel handling



FUEL MANAGEMENT SYSTEMS



DISPENSERS



KITS



PUMPS



METERS



NOZZLES

# EX50 / EX75 DC

## FEATURES

- COMPACT AND STURDY DESIGN
- FLANGED COMPONENTS
- ANTI-NOISE FILTER
- THERMAL PROTECTION
- SUCTION UNIT WITH INTEGRATED FILTER (DRUM VERSION)
- UL LISTED MOTOR AVAILABLE

The PIUSI EX50/EX75 DC is a transfer pump suitable for flammable fuels such as petrol, kerosene and diesel. It is fully compliant with ATEX/IECEX requirements for the usage in potentially explosive atmospheres. Designed to transfer flammable fluids from tanks of any type, this pump is available in DC version and is fitted with a bypass valve and can dispense up to 75 l/min, with reduced absorption to ensure a long life to the pump.

### PERFORMANCE

UP TO

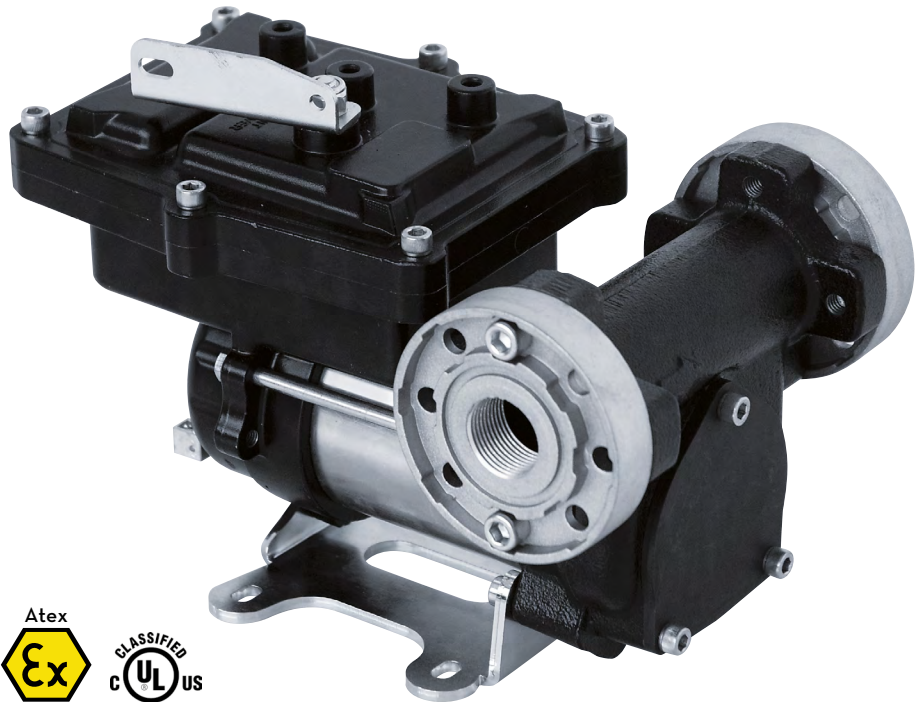
**75 L/MIN**

FLOW RATE

**DC 12V**

VOLTAGE

POWER





EX75 DC



OUR PUMPS COMPLIES WITH THE FOLLOWING MARKING ATEX/IECEX

II	2	G	Ex	d	db	IIA	IIB	T4	Gb
GROUP	CATEGORY	TYPE OF EXPLOSIVE ATMOSPHERE	PERMANENT PREFIX	PROTECTION METHOD		GAS GLASS		TEMPERATURE CLASS	EQUIPMENT PROTECTION LEVEL
						EX50	EX75	EX50	EX75

### PACKAGING

CODE	WEIGHT		PACKAGING			N. BOXES / EUROPALLET	
	KG	LBS	MM	INCH	PCS/BOX		
FO0371000	6,9	15,2	345X175X225	-	1	60	84
FO0380000	8	17,8	350X185X260	-	1	60	84



FILTRATION



TANK MONITORING



HOSE REEL



ACCESSORIES



MERCHANDISE



ANY BIODIESEL



AIR



ANTIFREEZE



AdBlue®



BIODIESEL



DIESEL



FOOD



GASOLINE



GREASE



KEROSENE



OIL

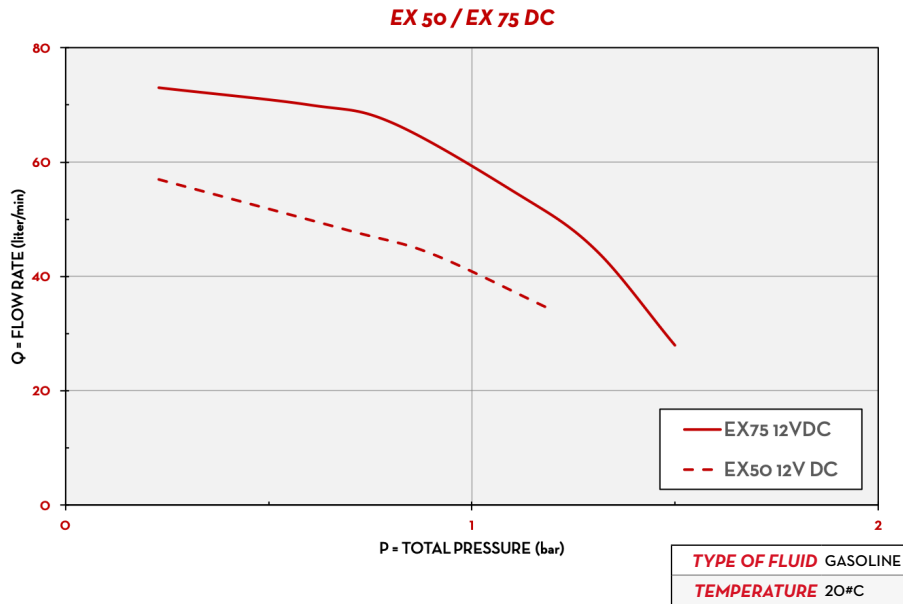


WATER



WINDSCREEN

## CHART



## IN THE BOX

- EX50 / EX75 DC PUMP
- FLANGED CONNECTIONS
- INSTRUCTION MANUAL

## DETAILS

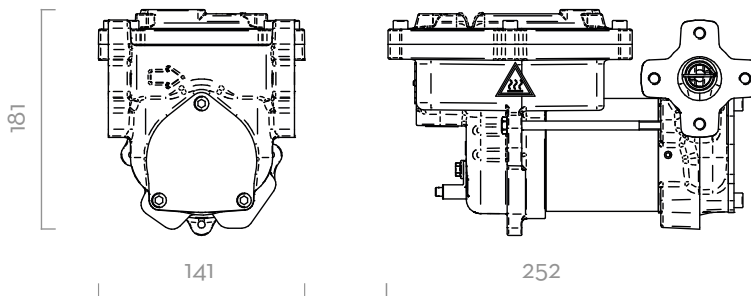


ON/OFF SWITCH



FLANGED CONNECTIONS

## DIMENSIONS



Dimensions expressed in millimeters

## MATERIALS

- BODY: CAST IRON
- ROTOR: SINTERED STEEL
- VANES: PPS
- SEAL: VITON
- SHAFT: STEEL



PUMP

- > MAX 6M (20FT),
- > SUCTION HOSE Ø 1" MIN,
- > MAX SUCTION HEIGHT:
  - 2M (7FT) W/O NON RETURN VALVE
  - 4M (14FT) W NON RETURN VALVE



TANK

## TECHNICAL DATA

CODE	DESCRIPTION	FLUIDS TYPE	FLOW RATE		VOLTAGE			DUTY CYCLE	RPM	OUTLET
			L/MIN	GPM	AC VOLT/Hz	POWER WATT	AMP. MAX.	MINUTES		BSP
FO0371000	EX50 12V DC ATEX	D G K	50	13	12	250	21	30	2700	1"
FO0380000	EX75 12V DC ATEX	D G K	75	19,8	12	240	20	30	2700	1"

(\*) AVAILABLE WITH DIFFERENT VOLTAGES AND 60 HZ FREQUENCIES. COMPATIBLE FLUIDS: DIESEL, KEROSENE, PETROL, PETROL/ALCOHOL MIXTURE UP TO 15%, AVGAS 100/100LL (PUMP AND FLOW METER ONLY), JET A/A1 (PUMP AND FLOW METER ONLY), ASPEN 2/4