

## PUMPS PIUSI EX50

MADE  
IN  
ITALY

### EN.

PIUSI EX50 satisfies the strict ATEX / IECEx directive concerning the use of materials in potentially explosive atmospheres.

- Sturdy and compact structure;
- Cast iron body;
- High efficiency pump that can deliver up to 50 l / min, with reduced absorption to ensure a long service life;
- Anti-noise filter (electromagnetic compatibility EMC);
- Flanged components: pump, meter and filters can be installed or replaced without the use of sealant, making connection quick and safe;
- Bypass valve built;
- Thermal protection;
- Non-return valve and pressure relief valve;
- Suction unit with integrated filter.

### ES.

PIUSI EX50 cumple con las directivas estrictas de ATEX / IECEx sobre el uso de los materiales en atmósferas potencialmente explosivas.

- Estructura fuerte y compacta
- Cuerpo de hierro fundido
- Bomba de alto rendimiento que puede suministrar hasta 50 l / min, con absorción reducida para asegurar larga vida
- Filtro anti-ruido (compatibilidad electromagnética EMC);
- Componentes con bridas: bomba, medidor y filtros se pueden instalar o reemplazar sin el uso de sellador, permitiendo una conexión rápida y segura
- Válvula de bypass incorporada
- Protección térmica
- Válvula de retención y válvula de descarga de sobrepresión
- Unidad de succión con filtro integrado

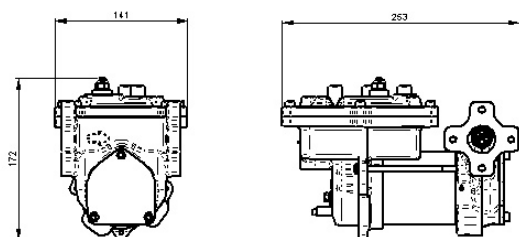
### RU.

PIUSI EX50 соответствует требованиям строгих директив АТЕХ/IECEx, относящихся к использованию оборудования в потенциально взрывоопасных атмосферах.

- Прочная и компактная конструкция;
- Чугунный корпус;
- Высокоэффективный двигатель, способный подавать до 50 л/мин, уменьшенное энергопотребление, гарантирующее длительную службу;
- Противошумовой фильтр (электромагнитная совместимость ЭМС);
- Фланцевые детали: насос, счетчик литров и фильтры можно установить или заменить без использования герметика, позволяя выполнять соединения быстро и надежно;
- Встроенный обводной клапан;
- Тепловая защита.

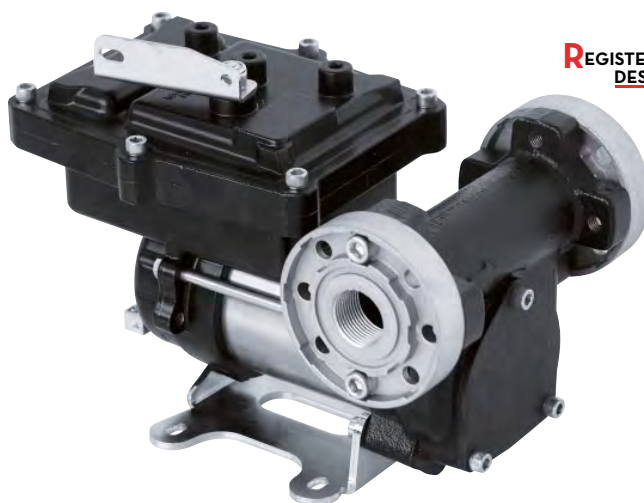


### DIMENSIONS

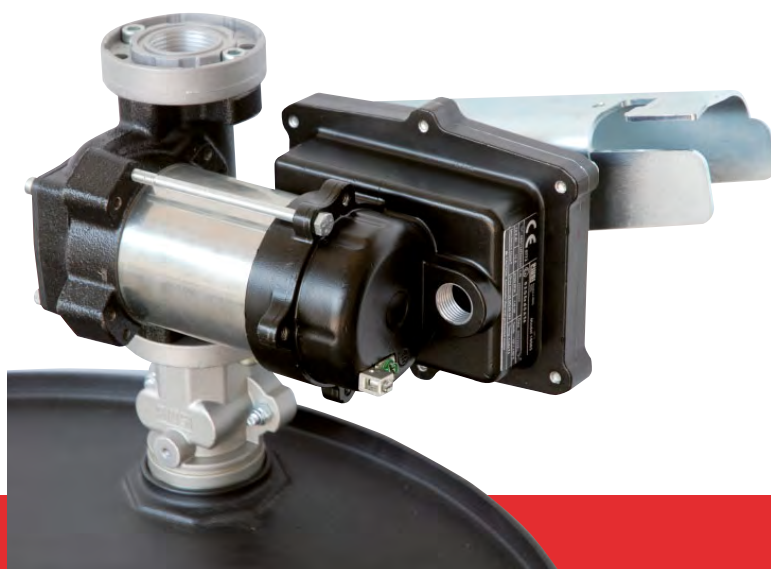


### PRODUCTS' RANGE WEIGHT AND PACKAGING

| Code      | Weight |      | Packaging   |          | N. Boxes/ Europallet |    |
|-----------|--------|------|-------------|----------|----------------------|----|
|           | kg     | lbs  | mm          | pcs/ box | ✈                    | 🚚  |
| F00371000 | 6,9    | 15,2 | 345x175x225 | 1        | 60                   | 84 |
| F00372020 | 7.9    | 17,4 | 345x175x225 | 1        | 60                   | 84 |
| F0037300A | 6,9    | 15,2 | 345x175x225 | 1        | 60                   | 84 |
| F0037402A | 7.9    | 17,4 | 345x175x225 | 1        | 60                   | 84 |



REGISTERED  
DESIGN



Flow-rate  
up to  
**50** l/min  
(up to 13 gpm)



# PIUSI

DISPENSERS

PUMPS

METERS

NOZZLE  
METERS

NOZZLE

SPECIAL  
EQUIPMENTS

FLUID  
MONITORING

ACCESSORIES

FILTERING

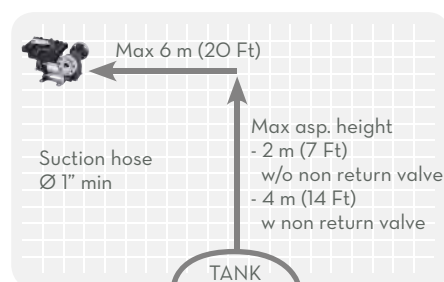
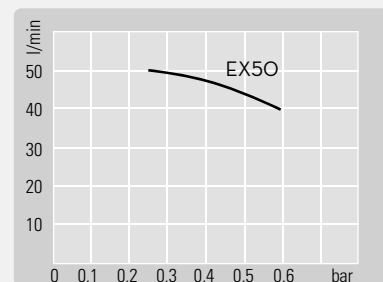


EX50 PUMP



EX50 KIT

- Integrated Check valve and Pressure Relief valve
- nozzle holder switch
- drum 2" connector



Our pump complies with the following marking ATEX/IECEX

| II    | 2        | G                            | Ex               | d                 | IIA       | T4                | Gb                         |
|-------|----------|------------------------------|------------------|-------------------|-----------|-------------------|----------------------------|
| GROUP | CATEGORY | TYPE OF EXPLOSIVE ATMOSPHERE | PERMANENT PREFIX | PROTECTION METHOD | GAS CLASS | TEMPERATURE CLASS | EQUIPMENT PROTECTION LEVEL |

## FEATURES

## ON REQUEST



## PRODUCTS' RANGE TECHNICAL DATA

| Code      | Description                  | Fluids | Flow-rate |     | Voltage            |            |           | Duty cycle on/off | rpm  | Inlet |
|-----------|------------------------------|--------|-----------|-----|--------------------|------------|-----------|-------------------|------|-------|
|           |                              | type   | l/min     | gpm | AC V/Hz<br>DC Volt | Power Watt | Amp. max. |                   |      |       |
| F00371000 | EX50 12V DC ATEX             | DEK    | 50        | 13  | 12                 | 250        | 21        | 30/60             | 2700 | 1"    |
| F00372020 | Kit Drum EX50 12V DC ATEX    | DEK    | 50        | 13  | 12                 | 250        | 21        | 30/60             | 2700 | 1"    |
| F0037300A | EX50 230V AC ATEX            | DEK    | 50        | 13  | 230/50-60          | 250        | 1         | 30/60             | 2700 | 1"    |
| F0037402A | Kit Drum EX50 230V AC ATEX * | DEK    | 50        | 13  | 230/50-60          | 250        | 1         | 30/60             | 2700 | 1"    |

(\*) Upon request it is available with different voltages and 60 Hz frequency

The pump can be used only with the following fluids: - diesel - kerosene - petrol - petrol alcohol mixed max 15% - avgas 100/100LL (pump only) - jet A/A1 (pump only) - aspen 2/4