



KITS



PUMPS



METERS



METERED NOZZLES



NOZZLES

WASTE OIL
EQUIPMENTS

MA 190

FEATURES

- IN/OUT SWAPPABLE
- BUILT-IN DIFFUSER
- SUITABLE FOR IMMERSED INSTALLATION
- HEAVY DUTY
- EXPLOSION PROOF (EX ZONE 2)
- EASY TO FIT
- STURDY DESIGN

PERFORMANCE

UP TO

220 L/MIN

FLOW RATE

5M

MAX CAPACITY

SELF PRIMING

MAX

7 BAR

AIR PRESSURE

MAX

Ø 4MM

PASSING SOLID



MA 190



PACKAGING

| CODE | WEIGHT | | PACKAGING | | | |
|-----------|--------|------|-------------|----------------|------------|---------|
| | KG | LBS | MM | INCH | PCS/PALLET | PCS/BOX |
| FOO208A20 | 16 | 35,3 | 290X470X460 | 11,4X18,5X18,1 | | 1 |



FILTRATION



FLUID
MONITORING



TANK
MONITORING



HOSE REELS



ACCESSORIES



MERCHANDISE

INDEX



AIR



ANTIFREEZE



AdBlue®



BIODIESEL



DIESEL



FOOD



GASOLINE



GREASE



KEROSENE



OIL

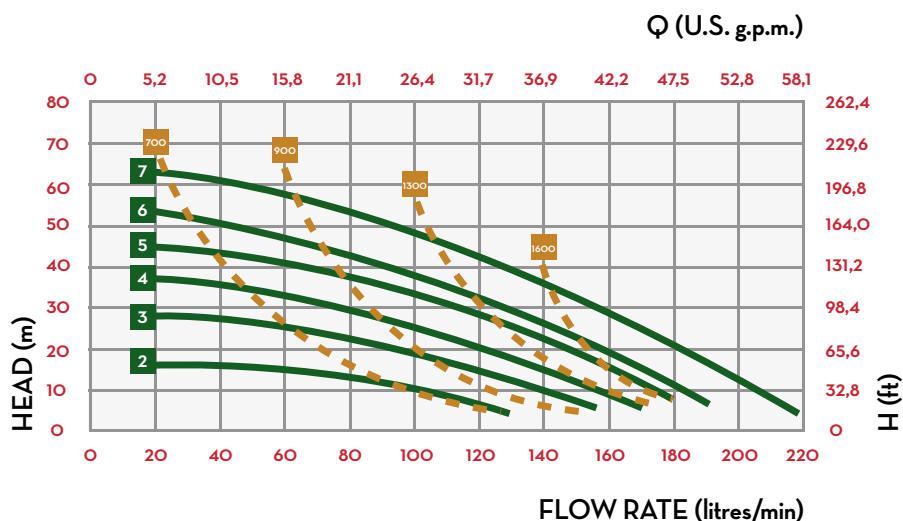


WATER



WINDSCREEN

CHART



IN THE BOX

- MA 190 PUMP
- INSTRUCTION MANUAL

DETAILS



HEAVY DUTY MATERIALS



TECHNOPOLYMER BODY

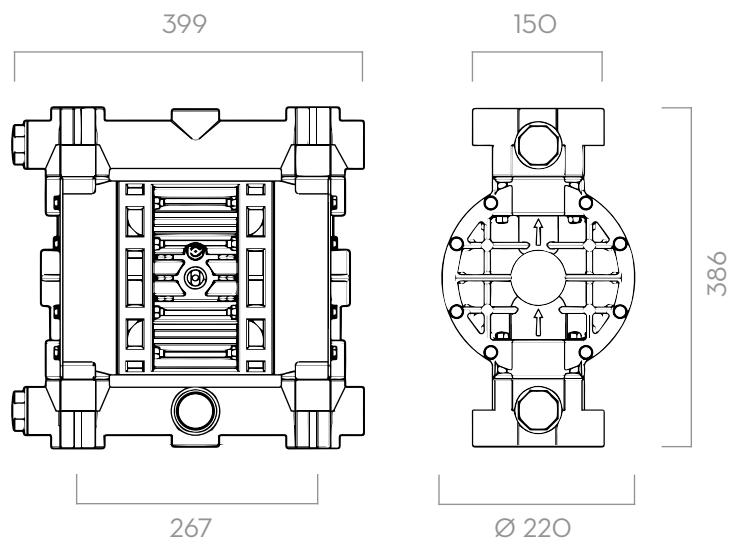


STURDY DESIGN

MATERIALS

- BODY: TECHNOPOLYMER
- FITTINGS: ALLUMINIUM
- DIAPHRAGMS: TECHNOPOLYMER

DIMENSIONS



Dimensions expressed in millimeters

TECHNICAL DATA

| CODE | DESCRIPTION | FLUIDS TYPE | PUMP BODY | IN / OUT | FLOW RATE L/MIN | MEMBRANE TYPE | DIAPHRAGM | BALLS | BALL SEATS* | O-RING* | INTAKE / DELIVERY CONNECTION | AIR CONNECTION | MAX SELF-PRIMING CAPACITY | MAX HEAD** | MAX AIR SUPPLY PRESSURE | MAX Ø OF PASSING SOLID |
|-----------|--------------|-------------|------------|-----------|--------------------|---------------|-----------|-------|-------------|---------|------------------------------|----------------|---------------------------|------------|-------------------------|------------------------|
| | | | | | | | | | | | | | M | M | BAR | MM |
| FOO208A20 | PIUSI MA 190 | | ALLUMINIUM | 1" 1/4" G | 220 | SINGLE | NBR | NBR | PPS-V | NBR | G 1" 1/4" F | G 1/2" F | 6 | 70 | 7 | 4 |

(*) ON REQUEST WE CAN PROVIDE MEMBRANES, BALLS, BALL SEATS AND O-RINGS IN DIFFERENT MATERIALS.

(**) THE VALUE DEPENDS ON THE CONFIGURATION OF THE PUMP

MA 190