



# P/N 2BG/26117TTI-55

## Diaphragm pumps - in polypropylene and aluminum

Diaphragm pump in aluminum and polypropylene series APPB-1 with dual inlet, 1" flanges, membranes and balls in Teflon® and seats in AISI 316 stainless steel



### FLUIDS

WASTE OIL | FRESH OIL | ANTIFREEZE | WINDSHIELD FLUID | WATER | DIESEL FUEL | DEF | PAINT | CLEANING DETERGENT

### SECTORS

AERONAUTIC | AGRICULTURE | AUTOMOTIVE | LUBE TRUCK AND INDUSTRIAL VEHICLE | CLEANING | BUILDING INDUSTRY AND ROAD CONSTRUCTION | RAILWAY TRANSPORT | CHEMICAL INDUSTRY | MANUFACTURING INDUSTRY | MINING | SHIPPING AND OFFSHORE

### CERTIFICATIONS

ATEX (ZONE 2) | ATEX (ZONE 22)

| Features                        | UM         | Value                                                                        |
|---------------------------------|------------|------------------------------------------------------------------------------|
| Flow rate                       | gpm        | 44,9                                                                         |
| Ratio                           |            | 1:1                                                                          |
| Max pressure                    | psi        | 120                                                                          |
| Max cycles for minute           | cpm        | 300                                                                          |
| Delivery for cycles             | gallons    | 0,16                                                                         |
| Max suction lift                | feet (')   | dry column 16 - wet column 25                                                |
| Max size pumpable solids        | inches (") | 0,12                                                                         |
| Max working temperature         | °F         | 149                                                                          |
| Noise level                     | dB         | 75                                                                           |
| Max air consumption             | cfm        | 56,5                                                                         |
| Air working pressure            | psi        | 29 ÷ 87                                                                      |
| Air inlet connection            |            | NPT 3/8" (f)                                                                 |
| Air outlet connection (muffler) |            | NPT 1/2" (f)                                                                 |
| Fluid inlet connection          |            | dual inlet ANSI 150 - DIN PN 10 - JIS 10K 1" (0.99") proneness to NPT 1.1/4" |
| Fluid outlet connection         |            | (f) thread                                                                   |
| Balls for inlet and outlet      |            | ANSI 150 - DIN PN 10 - JIS 10K 1" (0.99") proneness to NPT 1.1/4" (f) thread |
| Membranes                       |            | ball valve                                                                   |
| Balls                           |            | PTFE+Hytrel®                                                                 |
| Seats                           |            | PTFE                                                                         |
| Packing                         | No. - ft3  | AISI 316 stainless steel                                                     |
| Gross weight                    | lb         | 1 - 1.1                                                                      |

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