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<https://injecta.nt-rt.ru> || ntc@nt-rt.ru

GEMINI P18

PNEUMATIC PUMP



Main characteristics

- FOR TRANSFER BUT ALSO FOR DOSING. THE RESULT IS AN INNOVATIVE PRODUCT WITH NEXT-GENERATION SOLUTIONS.
- BODY PUMP MATERIALS: PP,PVDF, AISI 316, ALUMINIUM
- SELF-PRIMING UP TO 6M
- UNLIMITED DRY RUNNING
- ANTI-STALL PNEUMATIC CIRCUIT , EASY TO MAINTAIN
- POSSIBILITY OF ADJUSTING: FLOW-RATE, HEAD AND SPEED
- VARIOUS INSTALLATIONS AND CONFIGURATIONS
- ATEX CERTIFICATIONS FOR ZONE 1 AND 2 IN ALL VERSIONS
- AIR-DISCHARGE COVER WITH CONNECTIONS FOR VARIOUS USES

Water Treatment



Main application

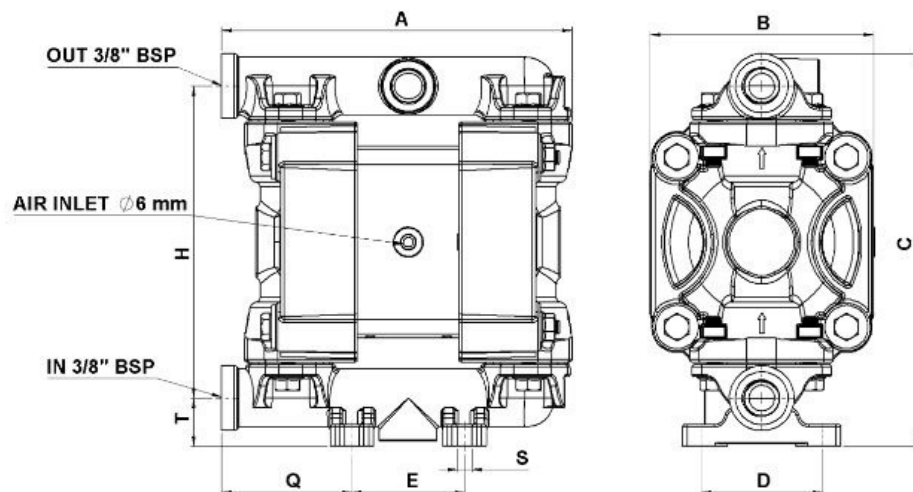
- Chemical and petrochemical production and processing of basic products
- Textile industry
- Food, beverage, dairy, beverages and oils
- Ecological industry, waste disposal, fumes and water purification and flexographic printing industry and photographic
- Tanning industry
- Mining
- Automotive industry in general and automotive
- Ceramic industry, glass and porcelain
- Gold industry
- Paper industry
- Electronics industry and printed circuit boards,
- Electroplating industry, pickling, degreasing and metal treatments
- Paint and varnish industry
- Oil industry
- Fertilizer production industry
- Metal industry
- Biodiesel industry, electricity production and accumulators
- Industrial detergents industry
- Pharmaceutical industry

Example of installation



Water Treatment

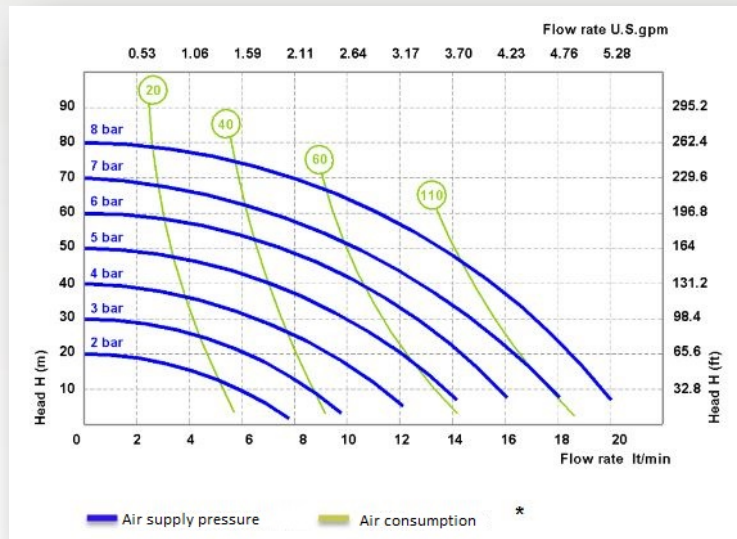
Dimensions



GEMINI P18	A	B	C	D	E	H	Q	S	T	Weight Kg	Temperature max
PP	146	93	164	50	47	130	55	6	20	1,1	65 °C
PVDF+CF	146	93	164	50	47	130	55	6	20	1,4	95°C
POMc	146	93	164	50	47	130	55	6	20	1,1	95 °C
AISI 316	148	85	153	47	51	122	55	6	18	2,1	95°C

Specifications

FLUIDS CONNECTIONS :3/8" BSP
AIR CONNECTION: 6 mm
MAX FLOW-RATE: 20 lt/min
MAX AIR PRESSURE: 8 bar
MAX DELIVERY HEAD: 80 m
MAX SUCTION LIFT DRY: 6m
MAX SUCTION LIFT WET:9,8 m
MAX SOLID PASSING: 3 mm
NOISE:65 dB
DISPLACEMENT PER CYCLE: 30cc
MAX VISCOSITY:12.000 cps
ATEXzona 2: EX II3/3 GD c IIB T135°C



Accessories



AIR REGULATION KIT

Adjusts and set air pressure and air flow-rate with a filter regulator, pressure gauge and air valve unit.



SWITCH VALVES

Remotely start and stop with a solenoid or pneumatic valve



STROKE COUNTER

Counts the number of strokes, connected to a control. It allows various type of monitoring.



DIAPHRAGM FAILURE DETECTION

The Electronic Leak Detector provides a signal via warning lights, an audible alarm, and the pump can be shut down



PNEUMATIC BATCH CONTROL "START & STOP"

Pneumatic batcher can control any pump allowing you to set the cycles amount.



BASKET STRAINER FILTERS IN PP

Installed on the suction of the pumps, protects them from suspended solids and impurity.



INOX TROLLEY

To transport the pump



ANTI VIBRATION FEET KIT

Reduces physical vibration from AOD pump operation.



PP, PVDF, ALU, SS NOOZLE

Dispenser to delivery control and batching.



VALVES, FITTINGS AND CONNECTIONS IN PP, PVC, INOX



REINFORCED PVC HOSE

With metal reinforcement for suction/discharge, also food-grade.



FLANGE CONNECTION KIT

Adapts a pump from BSP type connection to flanges with this kit.

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