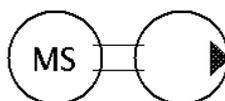


FUEL PUMP LUN 6289.81

The pump LUN 6288 is basically designed as an in-tank installed pump which boosts fuel from the tank to the main engine fuel pump. It can be used for turbine or reciprocation engine applications operating with kerosene or AVGAS based fuels.

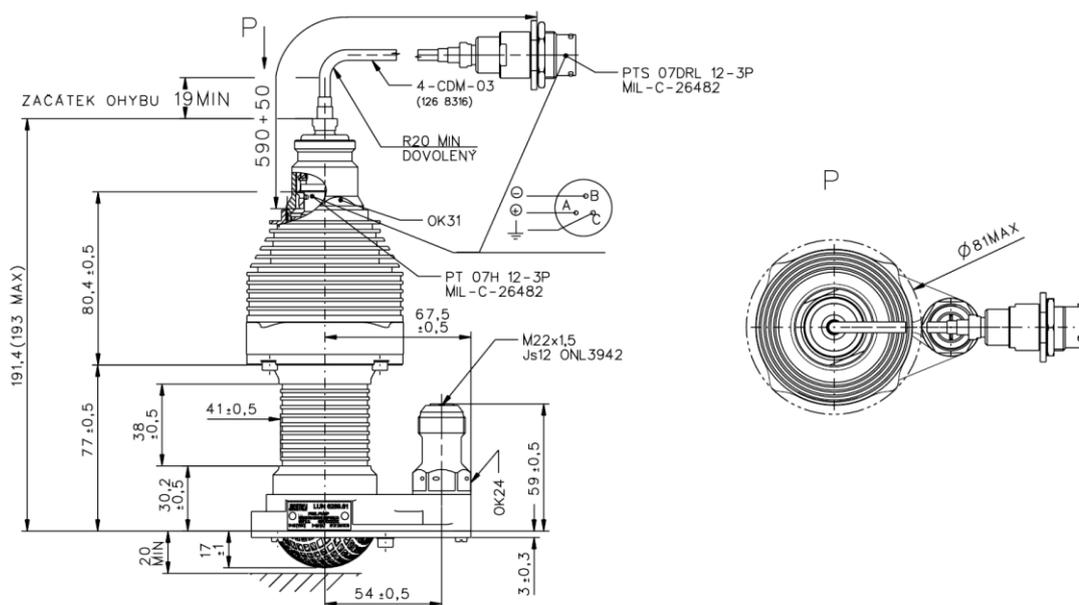
The LUN 6288 fuel pump is modular design consisting of Fuel Pump Stage, Electric Motor and Fuel Pump Control (FPC). Fuel pump stage is basically a centrifugal pump consisting of an impeller and stator. Electric motor is a brushless DC motor of wet design. Fuel passes through the motor to lubricate the journal bearings and remove heat from the motor. Gaps and passages inside the pump are designed as explosion-proof. The impeller is screwed to the armature shaft in the opposite direction of rotation. The armature is supported by journal bearings. The bearings are sleeve type, made of a special carbon grade. The motor is connected with the pump with four screws. FPC consists of electronics which is sealed in aluminum housing with integrated terminal for supply cable connection.



SPECIFICATION LUN 6289.81

Weight:	max. 1,3 kg – without power cable
Temperature range:	operating -55 °C to +70 °C non-operating -55 °C to +85 °C
Fluid temperature:	-55 °C to +60 °C
Operating height range:	from 0 to 23 600 ft (7 200 m)
Fluid:	aeronautical kerosene
Nominal voltage / current:	28 [V] DC/ 6 [A]
Rated RPM:	approx. 9 500 ± 500 [rpm]
Rated flow:	600 lph
Rated pressure:	120 kPa

DIMENSIONS



Data stated in this datasheet are for information purposes only, and are not subject to change. Specific installation dimensions can be agreed with customer for given installation.



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