

## TURBOT 1200 Reducer LPG + Solenoid valve LPG-MAX

**Reducer TURBOT 1200** completes the range of tested and approved reducers SHARK 1200 and SHARK 1500. It is a high quality LPG pressure regulator designed for sequential gas injection systems of 4th generation with the engines power up to 235 kW (320 HP). Turbot 1200 does not have an integrated solenoid valve therefore, to take full advantage of the reducer's power, it is advisable to install it with the **Solenoid valve LPG-MAX**, a solenoid valve with an increased gas flow.

**Solenoid valve LPG-MAX** has a built-in liquid gas filter. Replacing or cleaning the filter is performed without disconnecting the power wires which is very convenient during the assembly and exploitation of the LPG installation. Multiple tests conducted with the use of measuring equipment in a real working conditions of the solenoid valve, as well as the use of high quality components made it possible to produce an extremely durable and safe product.

### REDUCER TURBOT FEATURES

Its body is produced entirely in the Alex company's modern processing centre. All raw materials and components being used for the manufacture possess all the necessary quality certificates.

Reducer's high performance was achieved by the use of a gas regulator with increased flow. "Flap"(lever) mechanism of the pressure regulator ensures reliability and maintenance-free operation even with very dirty gas. Reducer TURBOT 1200 has got very high thermal efficiency because it is made of material with high thermal conductivity which guarantees stable gas temperature at high loads.

Reducer is equipped with an internal pressure relief valve which guarantees safety for both the engine and reducer. The evaporator has got plastic rotary water pipe elbow and standard inlet (05) for a reducer temperature sensor.

Reducer TURBOT 1200 works perfectly with all gas injection systems. It is compatible with the rules of homologation 67R-01

### REDUCER TURBOT SPECIFICATIONS

|                                   |       |               |
|-----------------------------------|-------|---------------|
| Output pressure                   | [bar] | 1,2           |
| Pressure adjustment range         | [bar] | 1,0÷1,4       |
| Engine power                      | [KM]  | ~320          |
| Pressure regulation               |       | SW4           |
| Gas inlet port diameter           | [mm]  | Ø8            |
| Gas outlet port diameter          | [mm]  | Ø16           |
| Rotary water pipe elbows diameter | [mm]  | Ø16           |
| Vacuum input                      | [mm]  | Ø5            |
| Dimensions                        | [mm]  | Ø125x105      |
| Weight                            | [kg]  | 1,85          |
| Homologation                      |       | 67R-018644    |
| Classification                    |       | Class1/Class2 |



### SOLENOID VALVE LPG-MAX SPECIFICATIONS

|                         |        |
|-------------------------|--------|
| Max working pressure    | 3 MPa  |
| Through hole gas        | 4,5 mm |
| Operating voltage range | 12-16V |
| Length                  | 95 mm  |
| Body width              | 48 mm  |