

### **Gascat model 254 low differential pressure Governor adapted for extreme biogas**



**254 Governor**

GASCAT is supplying the 254 Governor type regulator made totally in stainless steel ANSI 316L polished to operate with Biogas and Hydrogen and H<sub>2</sub>S contaminants in high concentrations. Pressure Regulators with low inlet pressure and low controlled pressures are called “Governors” (British name), the main characteristic is they work with a very low differential pressure.

254 Governor (shown above) is available in 2 to 8 inch ANSI 150 and PN16

#### **254 Stainless Steel Designed for Suez Water Technology**

The operating conditions for this application are:

- Inlet pressure 0,15 bar or 150 mbar
- Outlet pressure 30 mbar
- Process required flow was 1,284 Nm<sup>3</sup>/h

After tests at GASCAT test rigs the flow reached 2,645 nm<sup>3</sup>/h with 5% pressure drop.  
This Governor feeds a boiler system to aid in the production of Pectin from orange skins.

