

Avery-Hardoll® IPV VALVE

Inline preset valve

Technical Features



Liquid Transfer Srl

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The IPV valve by Avery Hardoll, designed and manufactured by Silea, ensures precise control over the predetermined quantity and maintains a consistent fluid flow rate by modulating fluid passage during dispensing.

By utilizing inlet pressure and managing the action of solenoid valves on dedicated circuits, it enables efficient flow regulation. The IPV valve is connected to a meter with an electronic register, which, through programming, calculates specific flow rate values based on dispensed volume and dispensing time.

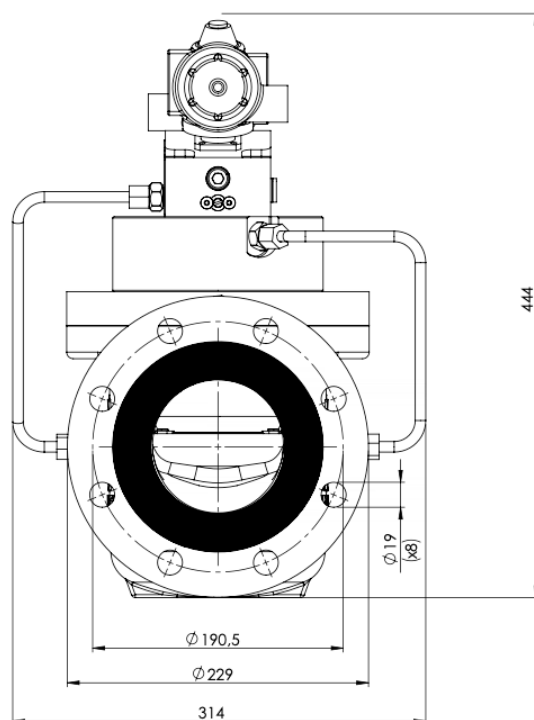
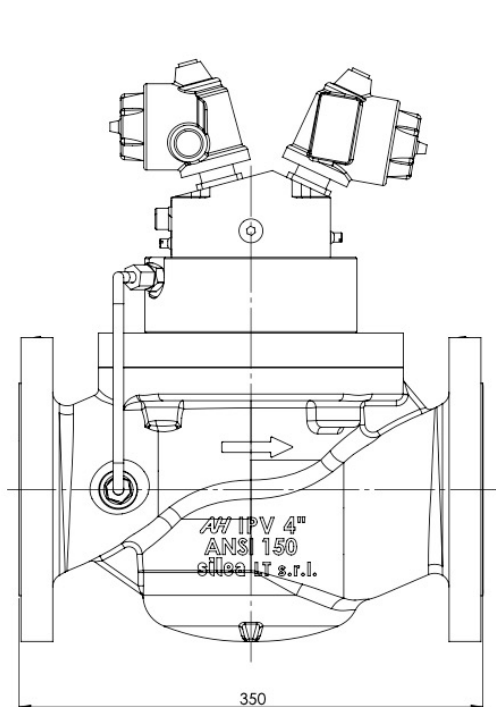
Technical Features

DN	4" ANSI 150	
Fluid type	Hydrocarbons	
Design Pressure	10 bar	
Maximum Kinematic Viscosity	40 cSt	
Design Temperature	-20°C / +65°C	
Nominal Flow Rate [Flow velocity: 4.5 m/s]	120 m ³ /h	2000 l/min
Maximum Flow Rate	150 m ³ /h	2500 l/min

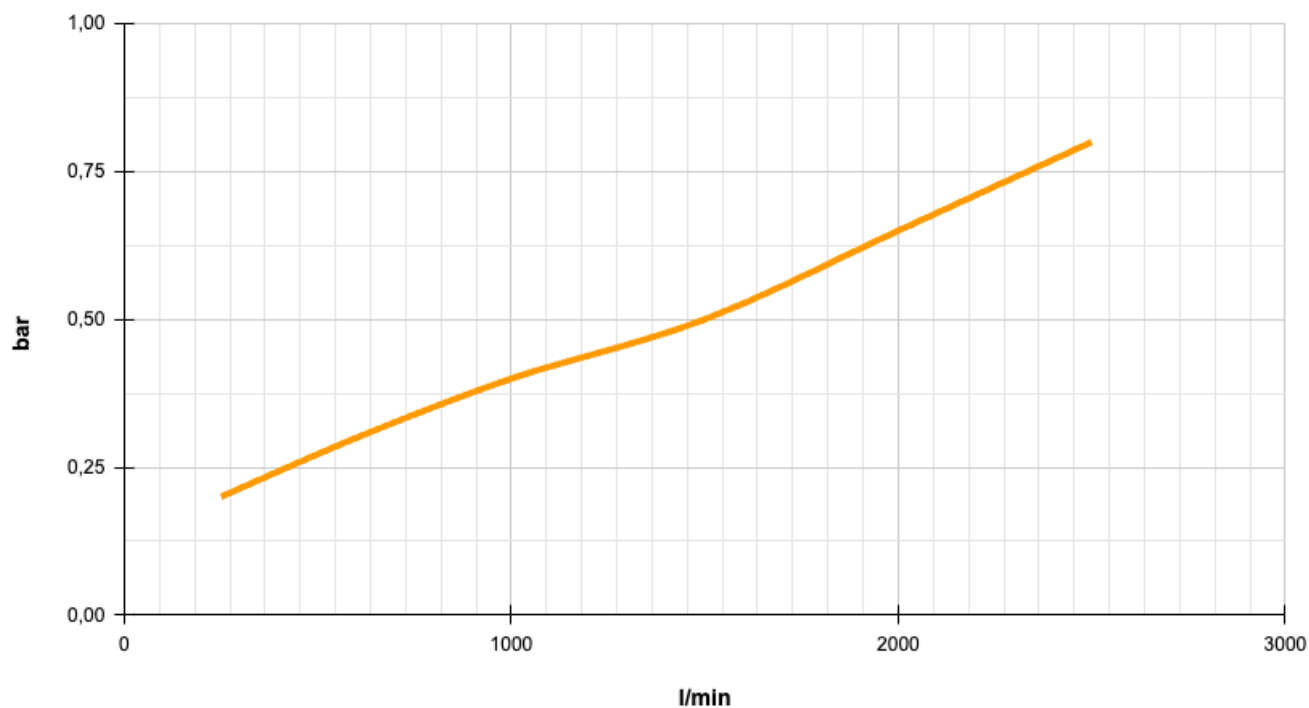


Solenoid valve features

Nominal power	19 VA
Nominal frequency	50/60 Hz
Nominal voltage	220/240 V
Degree of protection	IP65
Type of protection	Eex d IIC T4 (ATEX)



Pressure Drop



Applied Regulations and Directives:

- Declaration of conformity with the current **ATEX Directive** (Equipment intended for use in Explosive Atmospheres)
- Declaration of conformity with the current **PED Directive** (Pressure Equipment)