

## 1" 1/2 VALVES



### COUPLING CONNECTION AE1440R With Pilot group

*The classic 90° valves with coupling connection for smooth pipes*



#### PRODUCT CERTIFICATIONS

STANDARD



OPZIONALI



#### VALVE TECHNICAL FEATURES

| Features                   |  | Values               |
|----------------------------|--|----------------------|
| Out                        |  | Hole 1" 1/2          |
| In                         |  | Hole 1" 1/2          |
| Working Pressure           |  | 1,5-8 bar            |
| Standard Temperature Range |  | -40 °C ; +100 °C     |
| High Range Temperature     |  | -20 °C ; +200 °C     |
| Kv                         |  | 48 m <sup>3</sup> /h |
| Weight                     |  | 2.24 kg              |
| Protection Level           |  | IP65                 |

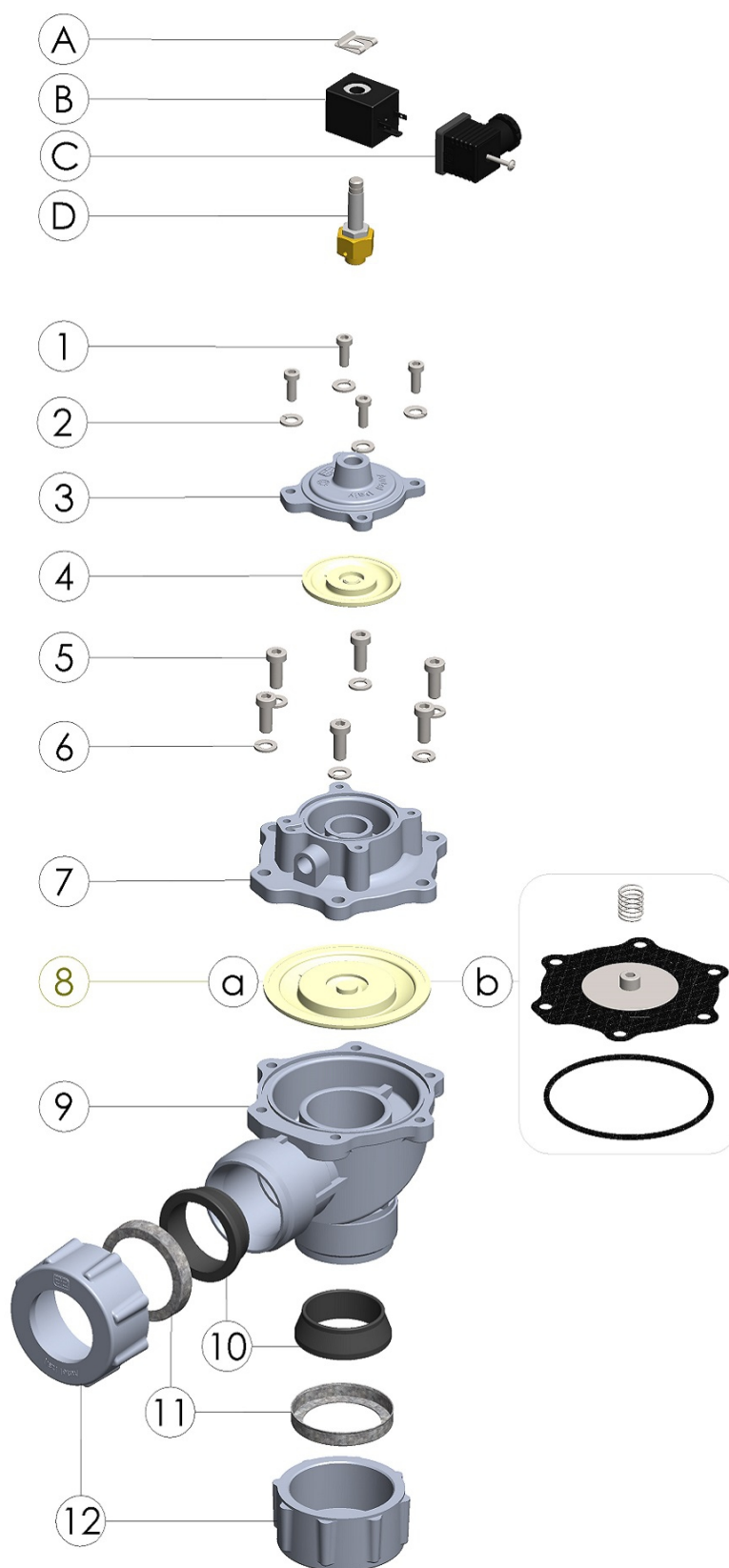
## VALVE TECHNICAL FEATURES

| Features                          |                                                                | Values |
|-----------------------------------|----------------------------------------------------------------|--------|
| Air quality classes ( ISO 8573-1) | For Solid                                                      | 2      |
|                                   | For Water with $T > +3^{\circ}\text{C}$                        | 4      |
|                                   | For Water with $-20^{\circ}\text{C} < T < +3^{\circ}\text{C}$  | 3      |
|                                   | For Water with $-40^{\circ}\text{C} < T < -20^{\circ}\text{C}$ | 2      |
|                                   | For Oil                                                        | 1      |

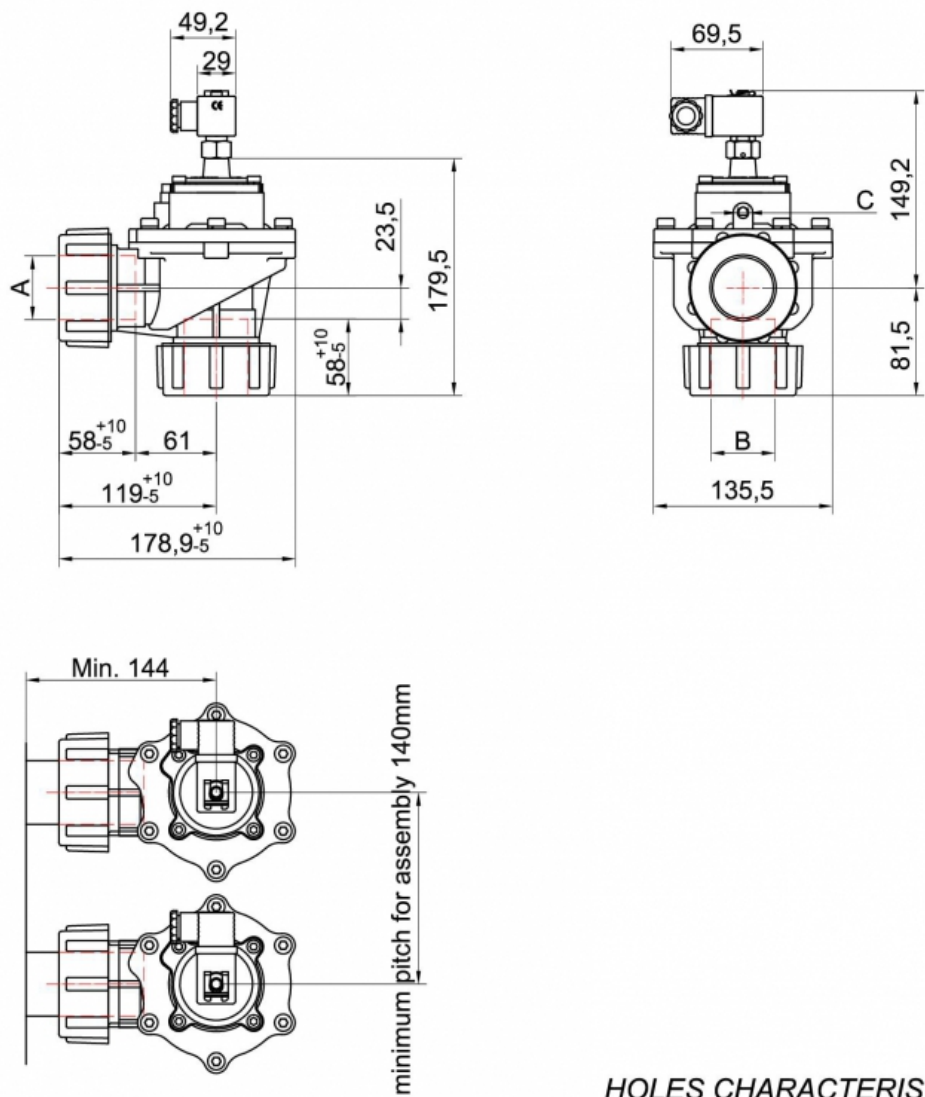
## PARTS LIST

| No. | Description             | Material      |
|-----|-------------------------|---------------|
| A   | Clip                    | CS Galvanized |
| B   | Coil                    | PA            |
| C   | Connector               | PA + NBR      |
| D   | Pilot                   | SS + Brass    |
| 1   | Screw M6                | SS            |
| 2   | Washer                  | SS            |
| 3   | Cover 3/4"              | Die Cast Alu  |
| 4   | Diaphragm 3/4"          | TPE           |
| 5   | Screw M8                | SS            |
| 6   | Washer                  | SS            |
| 7   | Cover 1" 1/2            | Die Cast Alu  |
| 8a  | STD Diaphragm 1"1/2     | TPE           |
| 8b  | HT Diaphragm 1" 1/2 Kit | NBR+PTFE      |
| 9   | Body 1" 1/2 Coupling    | Die Cast Alu  |
| 10  | Tapper Gasket           | NBR           |
| 11  | 1" 1/2 Washer           | CS Galvanized |
| 12  | Nut                     | Die Cast Alu  |

## Imagine



DIMENSIONAL LAYOUT



HOLES CHARACTERISTICS

| HOLES | STANDARD            | OPTIONAL |
|-------|---------------------|----------|
| A     | 1 1/2" G = Ø48,3 mm | -        |
| B     | 1 1/2" G = Ø48,3 mm | -        |
| C     | 1/4" G (ISO 228/1)  | -        |

## CONSUMPTION GRAPHS

