kerberos

IP67



# KET-CGP-000.00

## Applications

Accounting

## Accessories

KET-BAX-100

# Rotary Gas Flow Meters

- **Reliability of the measurement**
- **Compact and robust**
- **Single or double case (Twin)**
- **Available in MID version**

Reliability, simple maintenance and an extended operating range while maintaining the measurement accuracy.
The **KET-CGP-000** series rotary piston meters represent a valid alternative to those of the turbine type, being particularly recommended for systems that operate with **frequent flow transients**.
The body, made of aluminium, is strong, light and small in size. The rigid frontal support absorbs any forces resulting from the imperfect alignment of the pipes. The mechanical indicator and the impulse emission system are housed in a sealed anti-condensation drawer.
They are available in **two versions**: single (KET-CGP-000) or double case (KET-CGP-000.T) pistons. The TWIN variant has the advantage of eliminating the pulsation effect of the flow to the advantage of quiet operation.
**Maintenance is simplified** as the oil level indicators and lubrication connections are accessible from the front and the gauge can be installed in direct contact with any rear wall.

| CODE | CALIBRE | TUBE DIAMETER | RANGE MC/H | WHEELBASE |
|---|---|---|---|---|
| KET-CGP-010.1 | G 10 | G 1½" | 0,50 ÷ 16 | 121 |
| KET-CGP-016.1 | G 16 | G 1½" | 0,50 ÷ 25 | 121 |
| KET-CGP-016.40 | G 16 | DN 40 (1½) | 0,65 ÷ 25 | 171 |
| KET-CGP-016.50 | G 16 | DN 50 (2”) | 0,65 ÷ 25 | 171 |
| KET-CGP-025.1 | G 25 | G 1½" | 0,50 ÷ 40 | 121 |
| KET-CGP-025.40 | G 25 | DN 40 (1½) | 0,65 ÷ 40 | 171 |
| KET-CGP-025.50 | G 25 | DN 50 (2”) | 0,65 ÷ 40 | 171 |
| KET-CGP-040.40 | G 40 | DN 40 (1½) | 0,65 ÷ 65 | 171 |
| KET-CGP-040.50 | G 40 | DN 50 (2”) | 0,65 ÷ 65 | 171 |
| KET-CGP-065.50 | G 65 | DN 50 (2”) | 0,65 ÷ 100 | 171 |
| KET-CGP-100.80 | G 100 | DN 80 (3”) | 1,00 ÷ 160 | 171 |
| KET-CGP-160.100 | G 160 | DN 100 (4”) | 2,50 ÷ 250 | 241 |
| KET-CGP-160.80 | G 160 | DN 80 (3”) | 1,60 ÷ 250 | 241 |
| KET-CGP-250.100 | G 250 | DN 100 (4”) | 2,50 ÷ 400 | 241 |

## Technical Features

| | |
|---|---|
| General specifications | **Protection Range**: IP67<br>**Operative Temperature**: -30 ÷ +60 °C |
| Digital outputs | **Channels**: Pulse |

| Technical Features | |
|---|---|
| Gas flow meter | **Principle of Operation**: 4 pistons that move in opposition and that determine the quantity of gas that passes through the meter<br>**Max Operating Pressure**: 1700 Kpa<br>**Material**: Aluminium<br>**Pistons**: Single or double case (.T)<br>**Calibre**: G 10 ÷ 650<br>**Tube Diameter**: Ø 40 ÷ 150 mm<br>**Flanged Connections**: DIN PN 10/16 or ANSI 150<br>**Standard Flow Direction**: Left - Right and High - Low<br>**Weight**: From 10 to 53 Kg |
| Certifications | **Referends Standard**: OIML R6, OIML R32, EN12480 class TC2, ANSI B109.3 |