

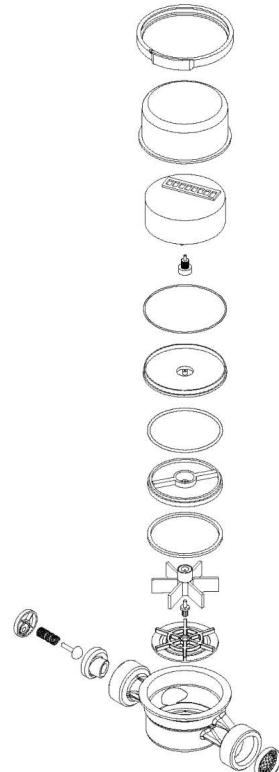
SINGLE JET DRY TYPE WATER METER

Key Technical Advantages

- Single-Jet Technology: Designed with a single water stream impacting the turbine, this meter provides high sensitivity in a compact form factor. Its streamlined body design allows for easy installation in confined spaces, making it ideal for residential apartments and sub-metering.
- R160 Measurement Precision: Delivering superior metrological performance, the SJD series achieves a measurement ratio of $Q_3/Q_1 \leq 160$ (R160). It accurately records consumption even at low flow rates, ensuring efficient billing and leakage detection for utilities.
- MAP 16 High Pressure Resistance: Built with a durable brass body, the meter is rated for a Maximum Admissible Pressure of 16 Bar (MAP 16). This high pressure rating provides enhanced protection against pressure surges and hydraulic shocks compared to standard 10-bar meters.
- Dry Type Register: The mechanical indicator is separated from the measurement chamber, ensuring it never comes into contact with water. This prevents fogging, condensation, and corrosion, guaranteeing clear readability of the 8-drum display (5 for m^3 , 3 for liters) throughout the meter's service life.

Additional Specifications:

- Technology: Single-Jet, Dry Dial.
- Temperature Class: T30/T50 (Suitable for cold water up to 50°C).
- Protection Class: IP68.
- Body Material: Brass.
- Mounting Position: Horizontal (H).



GÖKSU

SJD-xx-AYS

Data Sheet

Diameter - mm

SJD-15-AYS

SJD-20-AYS

SJD-25-AYS

DN15

DN20

DN25

Overload flowrate Q_4

$\leq 3,125$

$\leq 5,00$

$\leq 7,875$

Permanent flowrate Q_3

$\leq 2,50$

$\leq 4,00$

$\leq 6,30$

Transitional flowrate Q_2

$\geq 0,025$

$\geq 0,04$

$\geq 0,0672$

Minimum flowrate Q_1

$\geq 0,0115625$

$\geq 0,025$

$\geq 0,042$

Measuring range (R) Q_3/Q_1

≤ 160

Accuracy Class

2

Temperature class T

T30, T50

Water pressure class Bar

MAP 16

Horizontal length mm

80-115

130

160

Pressure loss class Bar

ΔP 63

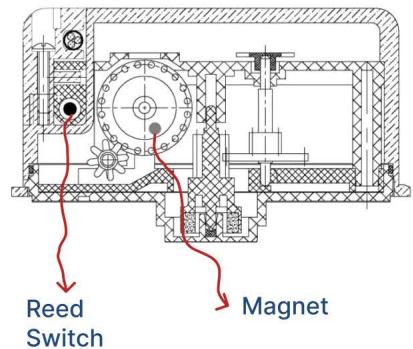
Flow profile sensitivity class

U0 D0

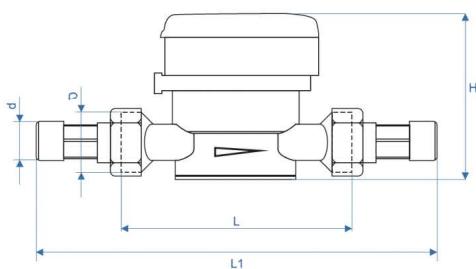
Orientation

H (Yatay)

Specification for Pulse Output



Dimensions



Size	DN 15	DN 20	DN 25
L	110	130	160
L1	204	234	280
D	G3/4	G1B	G1 ^{1/4} B
d	R ^{1/2}	R ^{3/4}	R1
H	84,5	84,5	106