## Variable Area Flow Meters

### **DK800S Series - Glass Rotameter**

Flow Measurement & Monitoring



#### **DESCRIPTION**

DK800S is used for measuring small flow, and light-weighted, easy to install and repair. The taper pipe and float can be changed without separating the whole machine into pieces. The flow scale is clear and acute, which is widely used in the chemical, petroleum, medical, food, environmental protection and scientific research departments, for measuring one phase non-pulsating fluid (liquid or gas).

# **TECHNICAL FEATURES**

DN	Model	Measuring Range		Float
(mm)		Water (L/h)	Air (L/h)	Material
3	DKS800S-3	0.15-1.5	0.18-1.8 0.36-3.6	Agate
4	DKS800S-4	0.25-2.5	0.5-5 0.8-8 1.6-16 6-60	
6	DKS800S-6	0.5-5 1.2-12 2-20 2.5-25 4-40 6-60 10-100 16-160 20-200	10-100 25-250 50-500 80-800 100-1000 180-1800 240-2400 300-3000 350-3500 430-4300	304SS

## **FEATURES**

√ Working temperature: 120°C

✓ Accuracy: ±2.5%

√ Working pressure limit: 1.0Mpa

/-SYSTEM MEASUREMENT www.ismesb.com



VARIABLE AREA FLOW METERS
DK800S SERIES - GLASS ROTAMETER

04-2023

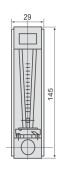
*I-SYSTEM* 109025

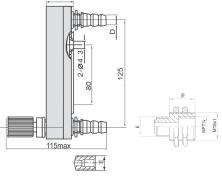
**I-SYSTEM** 

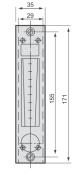
109/025

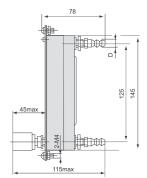
## **DIMENSION/DRAWING**

Model	D	E	Internal Diameter	Weights (kg)
DK800S-3		M10 X 1 BSP 1/4"	1/4 NPT female 1/4 NPT female	
DK800S-4			1/4 BSP female	0.45
DK800S-6			1/4 BSP female 11.5	









#### Connection { N: 1/4NPT B: 1/4BSP D: Ø11.5 **CODES AND REFERENCES** S: 304SS Body block material 1 2 3 4 (5) 6 DK800S-Flow range Max.Pressure Ν 3 S Fluid 4 В В 6 D Illustrative example 4 1 2 3 (5) 6 Air DK800S-S D bar

*I*-SYSTEM MEASUREMENT www.ismesb.com



04-2023

VARIABLE AREA FLOW METERS DK800S SERIES - GLASS ROTAMETER *I*-SYSTEM

109025

109/025

I-SYSTEM