



KTPA-2000 Series

Positive-Displacement Flow meter
Accurately Measures the Volume

■ FEATURE

- Capable of measuring a variety of fluids including water, oil, and chemicals
- Flange type or screw type can be selected
- DC / AC power type or battery type is selectively available
- No need for a straight piping section
- Possible to measure highly viscous fluids
- High accuracy of measurement and capability of measuring minute flow rates
- Customized piping installation length

■ APPLICATIONS

- ▶ General industry
 - Utility Use : Auxiliary and supply lines used in energy distribution
- ▶ Chemical and Other Process industry
 - Batching and mixing in the reactor
- ▶ Food and Beverage
 - Quantitative measurement, settlement, charge
 - Mass flow rate measurement of ice cream and milk
 - Flow measurement of brewing process
- ▶ Pharmaceutical Industry
 - Quantity distribution, charging
- ▶ Water resource

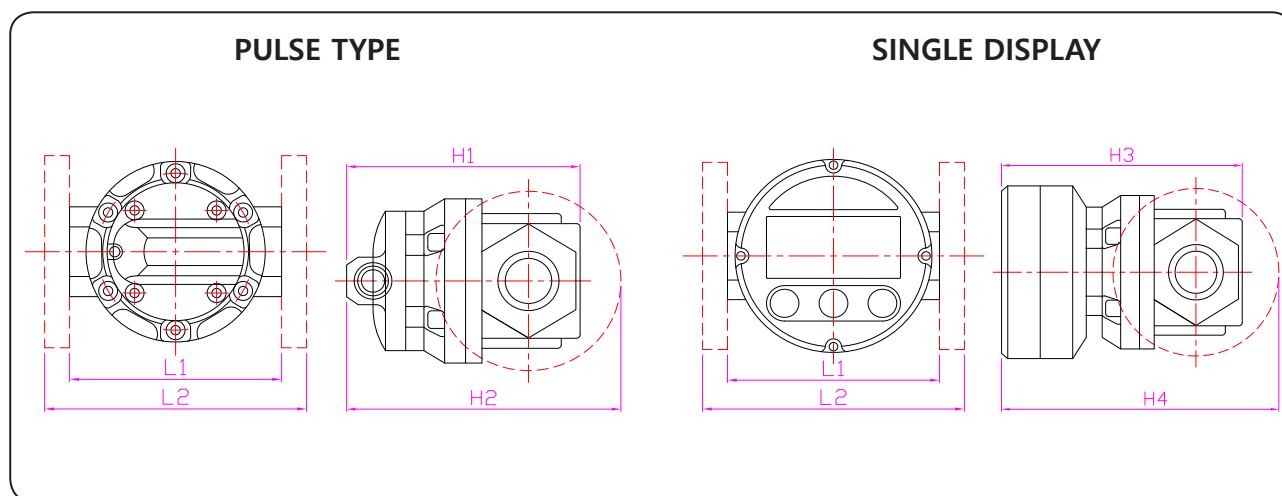
KTPA-2000 Series General Specifications

Size	25A (1") - 50A (2")
Process Connection	Flange type - KS / JIS / ANSI / ASME / DIN Std. Taper Pipe Thread type (PT)
Flow Ranges	6 L/min ~ 350 L/min
Accuracy	±0.5 % F.S
Repeatability	0.03 %
Fluid Temperature	Max. 80 °C
Ambient Temperature	-25 °C ~ 60 °C
Max. Pressure	Max. 20 kgf/cm ² .G
Max. Viscosity	1000 Centipoise
Power Supply	AC 220 V / DC 24 V / 3.6 V battery
Display	LCD Display with Backlight (Flow rate, Totalizer)
Output	DC 4-20 mA, Pulse

MODEL CODE

K T P A - 2 0 0 0	-	□	-	□	Specification
		S			Pulse type without Indicator
		F			AD 110/220V or DC 24V (4-Wire) type with Indicator
		M			3.6 V battery type with Indicator
				F	Connection - Flange Type
				T	Connection - Screw Type

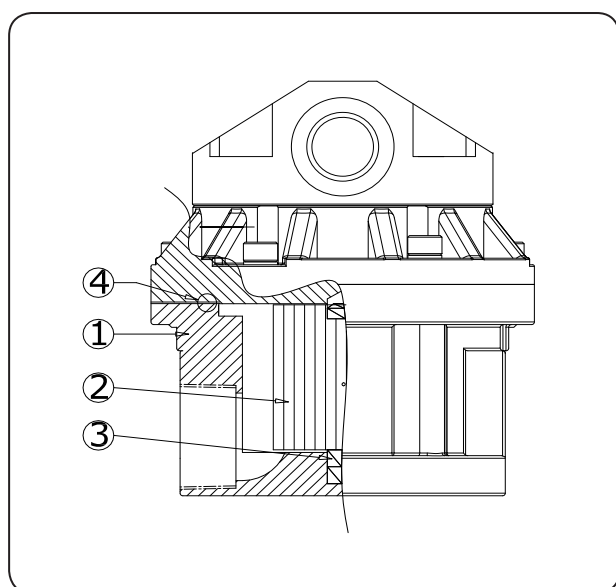
STRUCTURAL DRAWING



DEMENSIONS & FLOW RANGE

Connector Size		L1	H1	H2	H3	H4	Flow ranges (LPM)
25A	1B	133	142	169.5	154	181.5	6 ~ 120
40A	1-1/2B	150	163	188	180	205	10 ~ 250
50A	2B	210	193	215.5	213	235.5	15 ~ 350

STANDARD MATERIAL



No.	Description	Material
1	Body	Aluminum
2	Rotors	PPS
3	Shafts	316SS
4	O-ring	NBR