

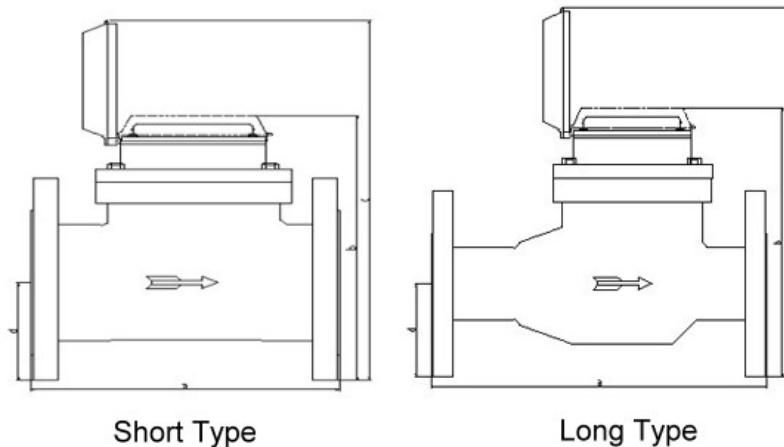
# PROPELLER FLOW METER

## F-KC Series



### Features :

- ( 1 ) Suitable for :
  - A. Tap-Water, Well-Water, Industrial Waste Water.
  - B. Acidity Water, Hot Water.
- ( 2 ) Dry Type, Magnetic Transmission, Register Assembly without mist.
- ( 3 ) Structure Rigid, High Measuring Accuracy, Durable.
- ( 4 ) Inner Parts Are Made Of The High Quality, Low Friction And Light Weight Materials.
- ( 5 ) The Register Assembly Is “Liquid Sealed” With Tempered Glass · Reading Easily And Not Easily Damage.
- ( 6 ) Other Types For Hot Water And Corrosive Liquid.
- ( 7 ) Performance Correspond With ISO 4064 B/ C Class Or CNS565 (Taiwan).
- ( 8 ) 50, 75, 100mm Have Acquired CNS Certificated.
- ( 9 ) For Satisfying the requirement of The Automation Control Or Reading The Number In OtherPlace Could Choose The Pulse Type.



### Materials :

Casing	Casting Iron (w/ Epoxy Powder Painting)/ SUS304/ SUS316/ SUS316L
Vane Wheel	High Toughness, Corrosion resistance or Hot Resistance Plastic
Internal Parts	Stainless Steel, Low Friction/ Corrosion-Resistance/ Hot-Resistance Plastic, Huebnerite Steel

### Order Guide :

	Diameter	Regular Type	+	Hot Type	+	SUS304	+	SUS316	+	Pulse Type
F-KC	---	D		H		S1		S2		J



Type		F-KC-50T	F-KC-65T	F-KC-80T	F-KC-100T
Diameter	mm	50	65	75/80	100
	inch	2"	2-1/2"	3"	4"
Max. Flow Rate For Short Period Q <sub>max</sub> (m <sup>3</sup> /hr)		80	120	200	250
Nominal Flow Range Q <sub>n</sub> (m <sup>3</sup> /hr)		40	60	120	180
Transitional Flow Range with Error ±2% Q <sub>t</sub> (l/hr)		1.0	1.0	1.0	2.5
Min. Flow Rate with Error ±5% Q <sub>min</sub> (l/hr)		0.45	0.6	0.6	1.2
Max. Working Pressure (kgf/cm <sup>2</sup> )		16	16	16	16
Working Temperature Range		0~40°C	0~40°C	0~40°C	0~40°C
a) Length	Short Type	200mm	200mm	225mm	250mm
	Long Type	335mm	335mm	335mm	335mm
b) Height(With Open Lid)		380mm	380mm	400mm	410mm
c) Height(With Close Lid)		260mm	260mm	280mm	290mm
d) Height of Tube		According to the Flange Specification			
Flange Specification		JIS 10K/ ANSI 150lb/ DIN PN16			
Weight	Short Type	13Kg	13Kg	15Kg	18Kg
	Long Type	17Kg	17Kg	20Kg	19Kg
Hot Water Working Temperature Range		0~120°C			

Type		F-KC-125T	F-KC-150T	F-KC-200T	F-KC-250T	F-KC-300T	F-KC-400T	F-KC-500T
Diameter	mm	125	150	200	250	300	400	500
	inch	5"	6"	8"	10"	12"	16"	20"
Max. Flow Rate For Short Period Q <sub>max</sub> (m <sup>3</sup> /hr)		350	600	800	1200	2000	3000	4500
Nominal Flow Range Q <sub>n</sub> (m <sup>3</sup> /hr)		200	400	550	750	1000	2000	3000
Transitional Flow Range with Error ±2% Q <sub>t</sub> (l/hr)		4.0	4.0	6.0	12	15	50	60
Min. Flow Rate with Error ±5% Q <sub>min</sub> (l/hr)		2.5	2.75	4.0	6.0	12	25	45
Max. Working Pressure (kgf/cm <sup>2</sup> )		16	16	16	16	16	16	16
Working Temperature Range		0~40°C	0~40°C	0~40°C	0~40°C	0~40°C	0~40°C	0~40°C
a)Length	Short Type	250mm	300mm	350mm	400mm	500mm	500mm	500mm
	Long Type	340mm	560mm	560mm	560mm	660mm	800mm	900mm
b)Height(With Open Lid)		430mm	455mm	-				
c)Height(With Close Lid)		310mm	335mm					
d) Height of Tube		According to the Flange Specification						
Flange Specification		JIS 10K/ ANSI 150lb/ DIN PN16						
Weight	Short Type	26Kg	38Kg	55Kg	88Kg	111Kg	130Kg	157Kg
	Long Type	32Kg	49Kg	65Kg	96Kg	119Kg	160Kg	190Kg
Hot Water Working Temperature Range		0~120°C						