



# NIKUNI

## Trial Unit Information

### Nikuni Co.,Ltd.

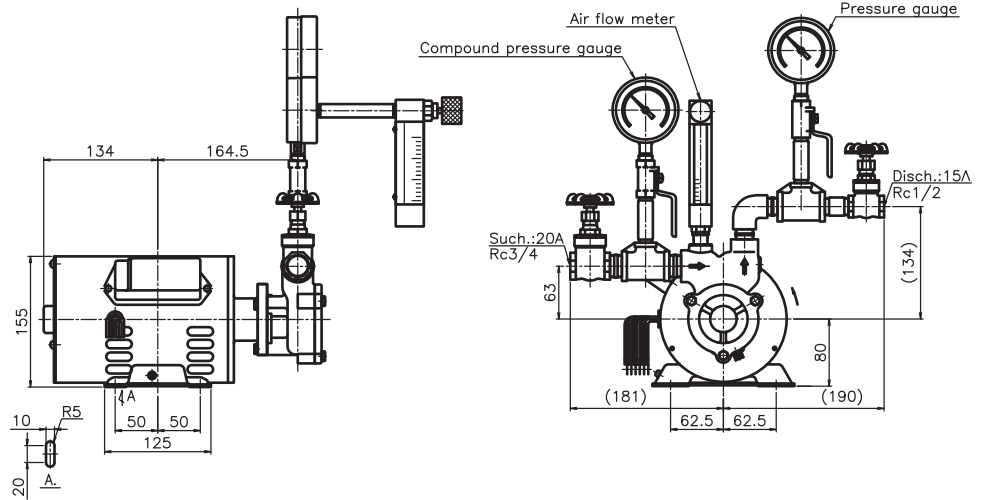
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## KTM for DAF(Dissolved Air Floatation) System

### ■ Dimensions



### ■ General specifications

50Hz : 1.0m<sup>3</sup>/Hr at 3Bar, 1.2L/min (airflow rate)

60Hz : 1.3m<sup>3</sup>/Hr at 3Bar, 1.6L/min (airflow rate)

### ■ Connections

Suction: 20A(Rc 3/4)    Discharge : 15A(Rc 1/2)

### ■ Material

Pump wetted parts : SS304 / SCS13

Piping & valves : SS304 / SCS13

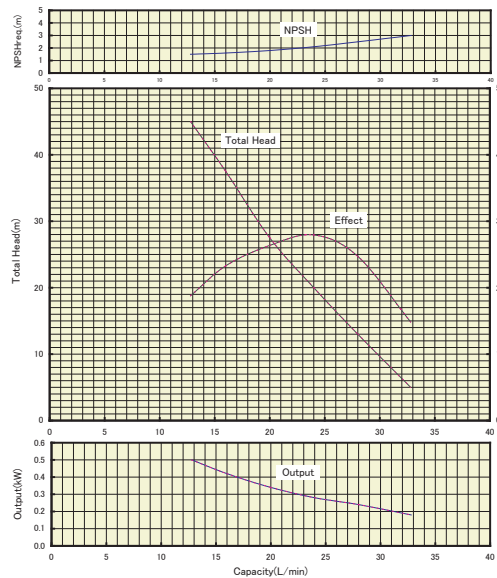
Gauges : Bs (Bronze)

### ■ Power supply

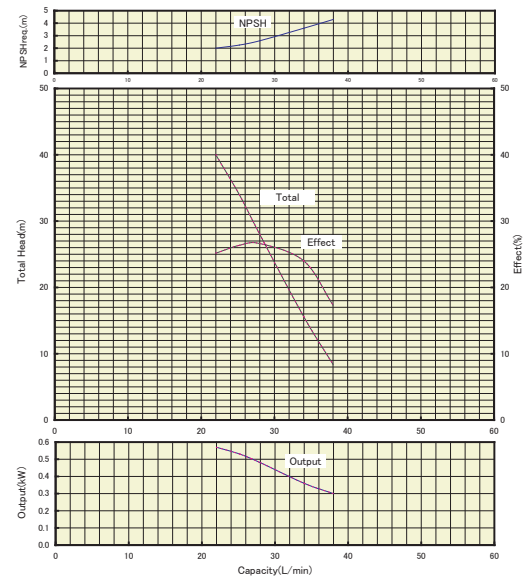
Single phase, 100V - 230V, 0.56kW, 50Hz/60Hz

### ■ Performance curve

#### 50Hz Performance



#### 60Hz performance



### ■ Price

**1,750 USD    1,300 EUR** (Ex Works-Japan)

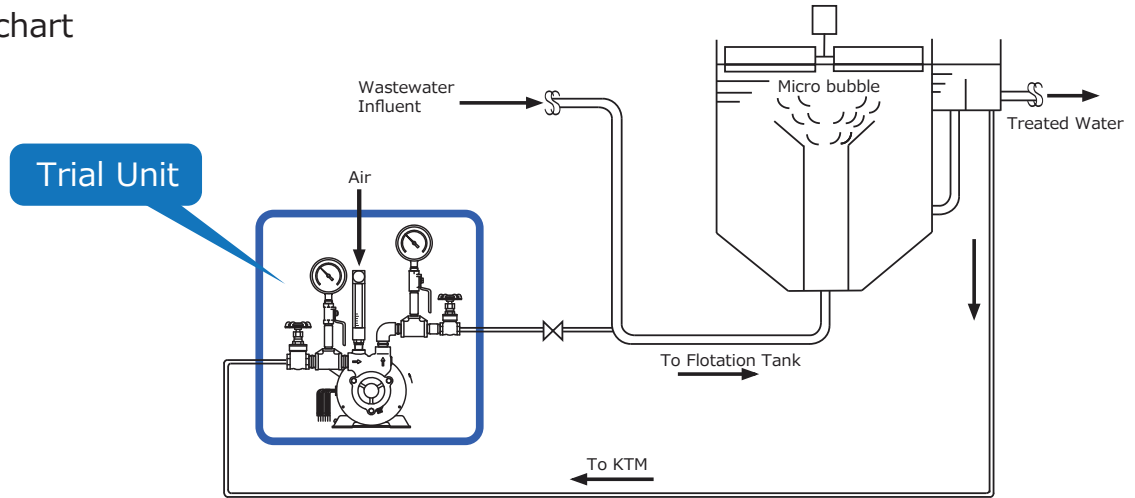
### ■ Packing Weight

Approximately 25kg / Carton



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### ■ Process flow chart



Note : KTM comes with Air nozzle only from 2nd purchase onward.

(Compound & Pressure Gauges, Valves, Air parameter should be prepared by purchaser.)

### ■ Primary adjustment of running procedures

#### 1st Step

##### Inching test

- Rotation of the motor is smooth & rotate direction is correct.

#### 2nd Step

##### Before turn power ON

- Prime water into KTM
- Knob of the air parameter is shut.
- Suction & discharge valves are completed OPEN

#### 3rd Step

##### Turn power ON

- Setting the discharge pressure to 0.3MPa (3 bar) by adjusting the discharge control valve.
- Setting the suction pressure by adjusting suction control valve from minus range of 0.02MPa to 0.03MPa. approx. 0.2 bar to 0.3 Bar
- Open the knob of Airflow meter as to drawn-in air automatically.

***Evaluate KTM' s excellent performance soon!  
Contact us directly [www.nikuni.co.jp](http://www.nikuni.co.jp)***