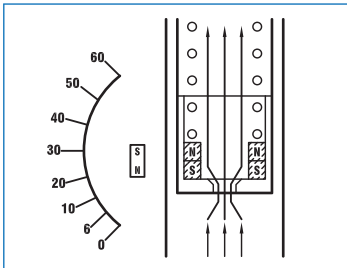


# FLOW SWITCH AND INDICATOR OF100 SERIES

## Technical Data

**Piston type for high viscosity**  
**Fluid:** Water, oil, other liquid available; Gases  
**Flow Range:** 15~30,000 l/h (at Water); 0.4~740 Nm<sup>3</sup>/h (at Air)  
**Accuracy:** ±3% F.S, On request: ±2.5% F.S  
**Size:** ¼" to 2½"  
**Connection Type:** NPT, Flange type on request  
**Working Limits:** Temperature: -40°C to +180°C  
**Working Pressure:** 30 kg/cm<sup>2</sup>  
 Option—100 kg/cm<sup>2</sup> for 1" or less  
 Option—200 kg/cm<sup>2</sup> for 1½" or bigger  
**Protection Class:** IP66, Explosion proof  
**Housing Material:** NS, CS, MS type—Aluminum Alloy  
 ES type—SS316  
**Lens Material:** Safety glass  
**Mounting:** Vertical, Horizontal available  
**Material:** Wetted parts SS316; Teflon lining float for Gases application  
**Alarm Switch:** Micro switch, Inductive switch available

## Principle



**Approvals:**

Switches with UL & CSA Recognized and File No. E41515.

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NS Type (Indicating only)



CS Type (With inductive switch)



ES Type (Indicating only)



MS Type (With micro or reed switch)

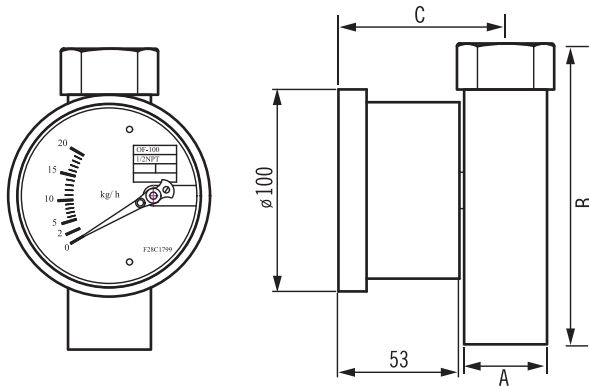
## Patent No.

Taiwan: M285697 / M338982 / M332836  
 China: 1187801

## Dimensions

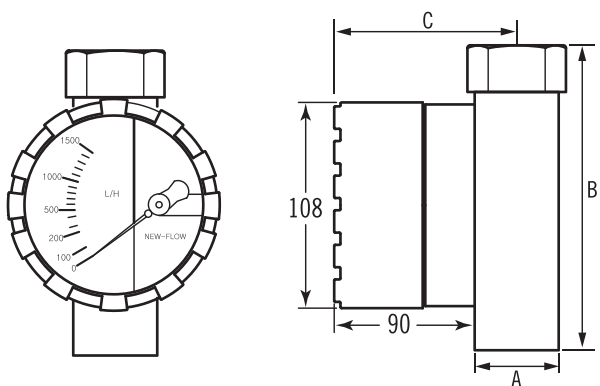
### IP66

**ES Type**  
 Housing Material: SS316



### IP66

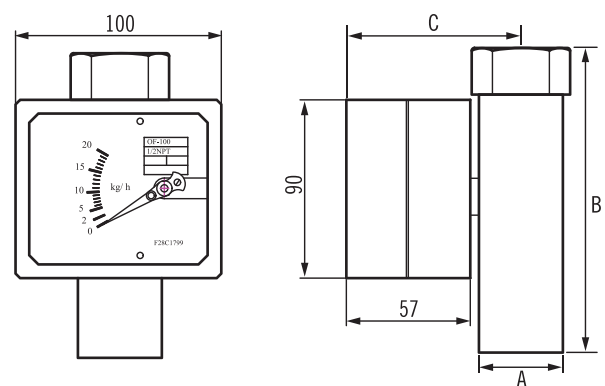
**MS Type**  
 Housing Material: Aluminum alloy



unit=mm

### IP66

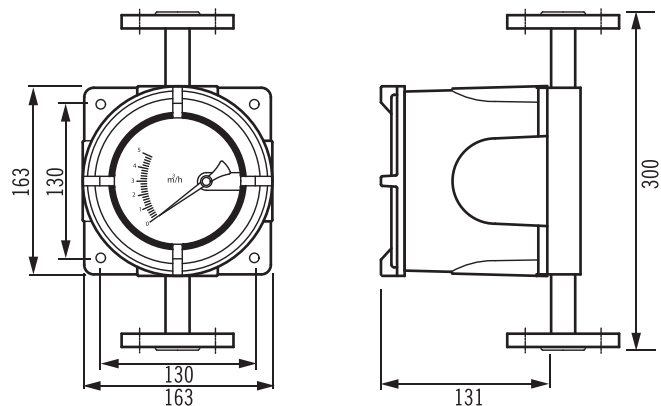
**CS, NS Type**  
 Housing Material: Aluminum alloy



## Explosion Proof

**Housing Material:** Aluminum alloy, SS316 available

- Explosion Proof Certificate on Housing Only
- Taiwan Explosion Proof Certification



unit=mm



