



# Flowmeter Product Directory

MODEL : AGS



## FEATURES

- 유체의 흐름과 유량 값을 직접 판독 할 수 있다.
- FLANGE 체결방식으로 설치 및 보수가 용이하다.
- 용도에 따라 Alarm Switch(On,Off)를 부가 할 수 있다.

## SPECIFICATION

| CON`N  | SIZE     | MAT`L  | PRESS.                       | TEMP.       | ACCURACY    |
|--------|----------|--------|------------------------------|-------------|-------------|
| FLANGE | 15A~100A | STEEL  | MAX<br>10kgf/cm <sup>2</sup> | MAX<br>120℃ | FS<br>±1.5% |
|        |          | SUS304 |                              |             |             |
|        |          | SUS316 |                              |             |             |

## MODEL CODE

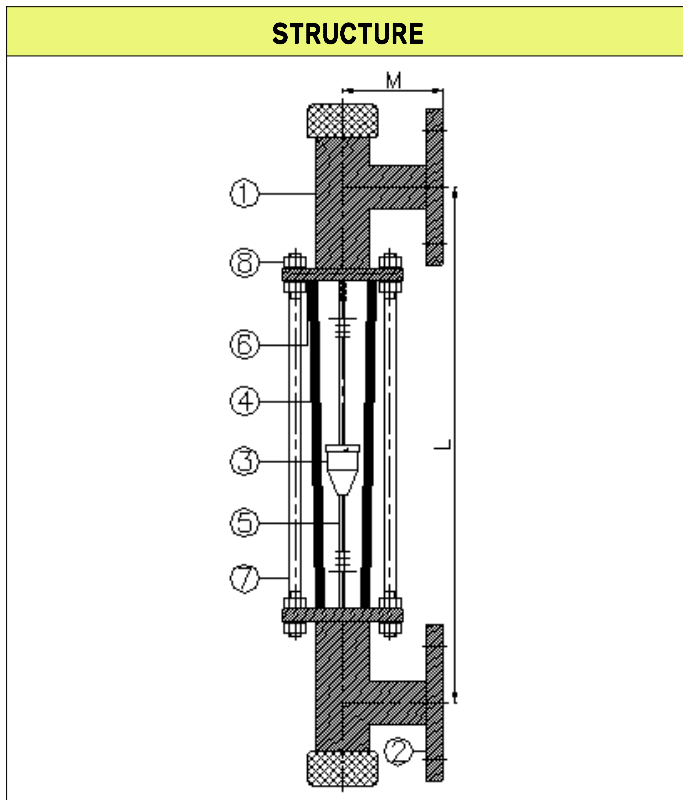
| AGS            | - | <input type="checkbox"/> | - | <input type="checkbox"/> | - | <input type="checkbox"/> | - | <input type="checkbox"/> | DESCRIPTION            |                  |
|----------------|---|--------------------------|---|--------------------------|---|--------------------------|---|--------------------------|------------------------|------------------|
| FLOW DIRECTION |   | 4                        |   |                          |   |                          |   |                          | BOTTOM SIDE - TOP SIDE |                  |
| MATERIAL       |   |                          |   | 1                        |   |                          |   |                          | STEEL                  |                  |
|                |   |                          |   | 2                        |   |                          |   |                          | SUS304                 |                  |
|                |   |                          |   | 3                        |   |                          |   |                          | SUS316                 |                  |
|                |   |                          |   | 0                        |   |                          |   |                          | OTHER                  |                  |
| CONNECTION     |   |                          |   |                          |   | J                        |   |                          | JIS 10K RF(FF)         |                  |
|                |   |                          |   |                          |   | A                        |   |                          |                        | ANSI 150# RF(FF) |
|                |   |                          |   |                          |   | D                        |   |                          |                        | DIN PN10/16      |
|                |   |                          |   |                          |   | 0                        |   |                          |                        | OTHER            |
| CONTACT        |   |                          |   |                          |   |                          |   | W                        | WITHOUT                |                  |
|                |   |                          |   |                          |   |                          |   | 1                        | ONE POINT ALARM        |                  |
|                |   |                          |   |                          |   |                          |   | 2                        | TWO POINT ALARM        |                  |



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| FLOW RATE     |                                      |          |                            |                      |                          |                    |                    |     |                     |        |     |
|---------------|--------------------------------------|----------|----------------------------|----------------------|--------------------------|--------------------|--------------------|-----|---------------------|--------|-----|
| DIVIDE        | STANDARD                             |          | NON STANDARD               |                      |                          |                    | LOSS               |     | LIMIT               | LENGTH |     |
|               | H <sub>2</sub> O (m <sup>3</sup> /h) |          | LIQUID (m <sup>3</sup> /h) |                      | AIR (Nm <sup>3</sup> /h) |                    | H <sub>2</sub> O   | AIR |                     | L      | M   |
| Float<br>Size | SUS304                               | PVC      | SUS304                     | PVC                  | PVC. ACETAL<br>TEFLON    | ALUMINUM<br>SUS304 | mmH <sub>2</sub> O |     | kgf/cm <sup>2</sup> | m/m    |     |
|               | 15A                                  | 0.1~1    | 0.08~0.8                   | 0.03~0.3<br>0.2~2    | 0.03~0.3<br>0.15~1.5     | 0.3~3<br>1.2~12    | 0.3~3<br>2~20      | 100 |                     | 20     | 10  |
| 20A           | 0.15~1.5                             | 0.12~1.2 | 0.03~0.3<br>0.2~2          | 0.03~0.3<br>0.15~1.5 | 0.3~3<br>2~20            | 0.3~3<br>3~30      | 200                | 30  | 10                  | 370    | 70  |
| 25A           | 0.35~3.5                             | 0.25~2.5 | 0.15~1.5<br>0.5~5          | 0.1~1.0<br>0.35~3.5  | 1~10<br>4~40             | 1.5~15<br>6~60     | 250                | 40  | 7                   | 410    | 80  |
| 32A           | 0.6~6                                | 0.45~4.5 | 0.3~3<br>0.7~7             | 0.25~2.5<br>0.6~6    | 2~20<br>7~70             | 3~30<br>10~100     | 300                | 50  | 7                   | 430    | 80  |
| 40A           | 1~10                                 | 0.8~8    | 0.35~3.5<br>1.2~12         | 0.3~3<br>1.0~10      | 3~30<br>12~120           | 4.5~45<br>15~150   | 350                | 60  | 7                   | 450    | 100 |
| 50A           | 1.5~15                               | 1.2~12   | 1~10<br>2~20               | 0.8~8<br>1.5~15      | 3.5~35<br>15~150         | 5~50<br>20~200     | 400                | 100 | 5                   | 500    | 100 |
| 65A           | 2.5~25                               | 2~20     | 1.5~15<br>3~30             | 1.2~12<br>2.5~25     | 6~60<br>30~300           | 9~90<br>40~400     | 400                | 100 | 4                   | 580    | 120 |
| 80A           | 4~40                                 | 3~30     | 2~20<br>5~50               | 1.6~16<br>4~40       | 10~100<br>50~500         | 15~150<br>70~700   | 500                | 150 | 3                   | 660    | 130 |
| 100A          | 6~60                                 | 5~50     | 5~50<br>7~70               | 3~30<br>6~60         | 15~150<br>70~700         | 20~200<br>100~1000 | 500                | 150 | 3                   | 790    | 150 |



**PART LIST**

| NO | NAME        | MATERIAL                        |                  |        |
|----|-------------|---------------------------------|------------------|--------|
|    |             | NO.1                            | NO.2             | NO.3   |
| 1  | Body        | SPP                             | SUS304           | SUS316 |
| 2  | Flange      | SS400                           |                  |        |
| 3  | Float       | SUS304/316, PVC, TEFLON, ACETAL |                  |        |
| 4  | Taper Tube  | PYREX GLASS                     |                  |        |
| 5  | (Guide Rod) | SUS304 / 316                    |                  |        |
| 6  | Packing     | NBR                             | NBR, VITON, EPDM |        |
| 7  | Stay Bolt   | STEEL                           | SUS304           |        |
| 8  | Nut         | STEEL                           | SUS304           |        |