



## Air Filter Regulator TS300/S310/305/315 Series

- Remove particles from compressed air
- Excellent flow and regulation characteristics
- Easy Installation, Repair and Replacement
- 2 gauge port, 5 micron filter
- Auto drain (option)

# Air Filter Regulator TS300/310/305/315 Series

## Description

Air filter regulator TS300 series are used to provide pneumatic measuring and control equipment with a constant air supply.

## Features

- + Remove particles from compressed air
- + Excellent flow and regulation characteristics
- + Easy Installation, Repair and Replacement
- + 2 gauge port, 5 micron filter
- + Auto drain (option)



TS300  
(1/4" )



TS300  
(1/4" Auto drain)



TS310  
(1/2" )



TS310  
(1/2" Auto drain)



TS305  
(1/4" STS316)



TS305  
(1/4" STS316  
Auto drain)



TS315  
(1/2" STS316)



TS315  
(1/2" STS316  
Auto drain)

## Specifications

| Model               |            | TS300                    | TS310          | TS305               | TS315  |
|---------------------|------------|--------------------------|----------------|---------------------|--------|
| Max supply pressure |            | 1.7MPa                   |                |                     |        |
| Max output pressure |            | 0.84MPa                  |                |                     |        |
| Operating Temp.     |            | -20℃~70℃ (Standard type) |                |                     |        |
| Filtering capacity  |            | 5 micron                 |                |                     |        |
| Air connection      |            | NPT(PT)<br>1/4           | NPT(PT)<br>1/2 | NPT1/4              | NPT1/2 |
| Gauge connection    |            | NPT(PT)1/4               |                | NPT1/4              |        |
| Material            |            | Aluminum die cast        |                | Stainless steel 316 |        |
| Weight              | Sdandard   | 0.6kg                    | 0.9kg          | 1.5kg               | 1.7kg  |
|                     | Auto drain | 0.6kg                    | 1.0kg          | 1.6kg               | 1.9kg  |

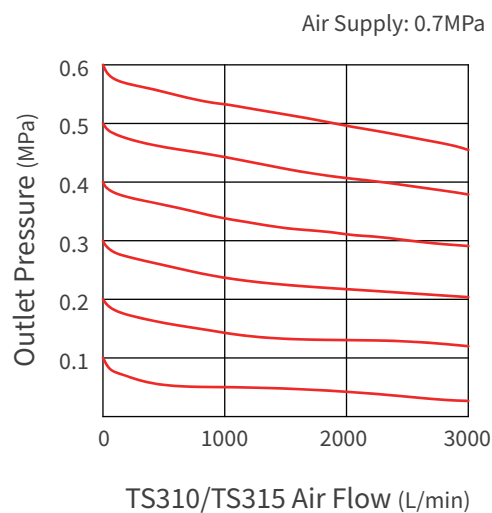
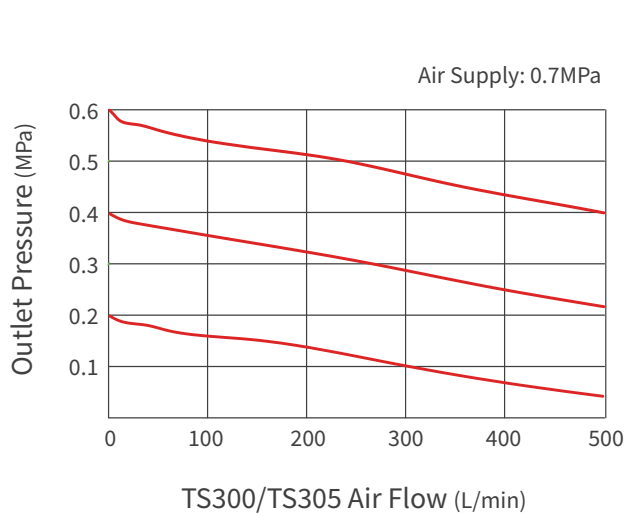
## Product code

| Model                | TS3                 |   |  |   |   |   |   |
|----------------------|---------------------|---|--|---|---|---|---|
| In/ Output port size | 1/4"                | 0 |  |   |   |   |   |
|                      | 1/2"                | 1 |  |   |   |   |   |
| Material             | Aluminum            | 0 |  |   |   |   |   |
|                      | Stainless steel 316 | 5 |  |   |   |   |   |
| Air connection type* | NPT                 |   |  | N |   |   |   |
|                      | PT                  |   |  | P |   |   |   |
| Ambient temperature  | -20°C~70°C          |   |  |   | S |   |   |
|                      | -20°C~120°C         |   |  |   | H |   |   |
|                      | -40°C~70°C          |   |  |   | L |   |   |
|                      | -60°C~70°C          |   |  |   | U |   |   |
| Pressure gauge       | None                |   |  |   |   | 0 |   |
|                      | Included (0~1MPa)   |   |  |   |   | 1 |   |
| Option               | None                |   |  |   |   |   | 0 |
|                      | Auto drain          |   |  |   |   |   | A |

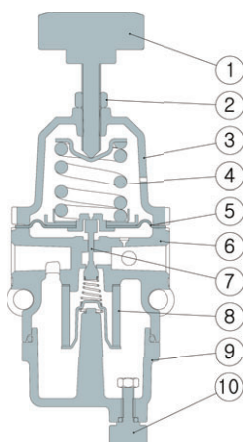
\* TS305/315 are only available with NPT .

# Air Filter Regulator TS300/310/305/315 Series

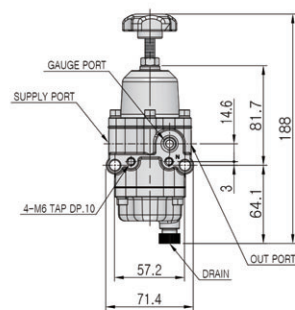
## Flow characteristics



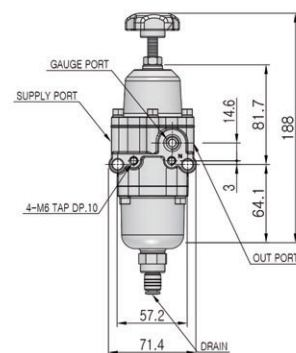
## Material of construction



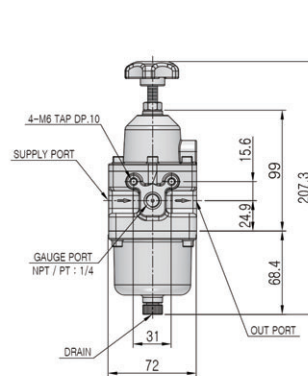
## Dimension [Unit:mm]



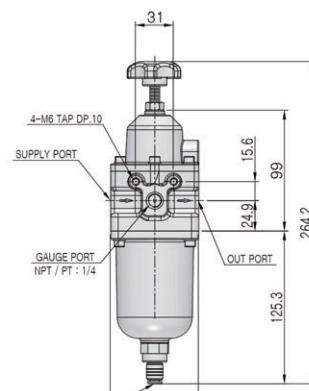
TS300/305 MANUAL DRAIN



TS300/305 AUTO DRAIN



TS310/315 MANUAL DRAIN



TS310/315 AUTO DRAIN

| No. | Material        | TS300/TS310   | TS305/TS315   |
|-----|-----------------|---------------|---------------|
| 1   | Adjust Handle   | Nylon/STS     | Nylon/STS     |
| 2   | Nut             | STS           | STS303        |
| 3   | Spring Cover    | ALDC12        | STS316        |
| 4   | Adjust Spring   | HSW3          | STS316        |
| 5   | Diaphragm Ass'y | STS/NBR       | STS/NBR       |
| 6   | Body            | ALDC1         | STS316        |
| 7   | Stem            | C3604BD/NBR   | STS303/NBR    |
| 8   | Filter          | Poly Ethylene | Poly Ethylene |
| 9   | Filter Cover    | ALDC12        | STS316        |
| 10  | Drain           | Nylon/STS     | STS316        |



Solutions for control valve system

tissin

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