tissin

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)

tissin
Solutions for control valve system

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

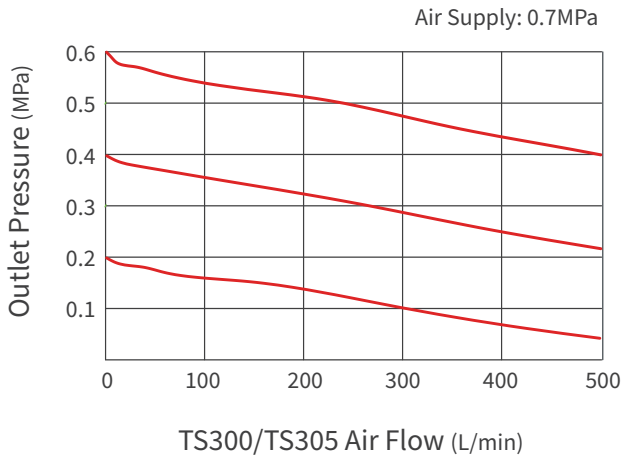
Model		TS300	TS310	TS305	TS315
Max supply pressure		1.7MPa			
Max output pressure		0.84MPa			
Operating Temp.		-20°C~70°C (Standard type)			
Filtering capacity		5 micron			
Air connection		NPT(PT) 1/4	NPT(PT) 1/2	NPT1/4	NPT1/2
Gauge connection		NPT(PT)1/4		NPT1/4	
Material		Aluminum die cast		Stainless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

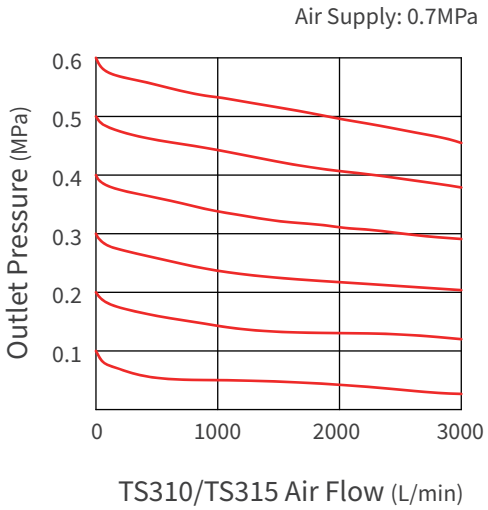
Product code

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

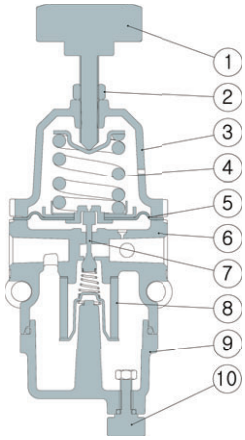
* TS305/315 are only available with NPT .

Flow characteristics



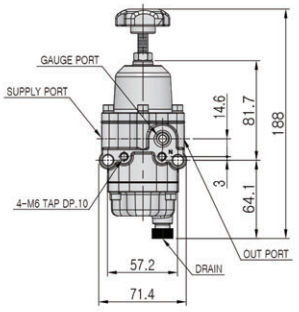


Material of construction

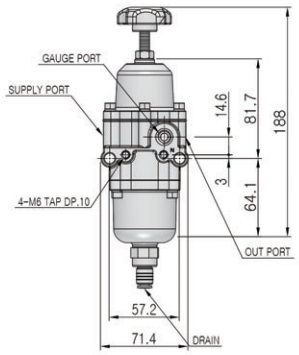


No.	Material	TS300/TS310	TS305/TS315
1	Adjust Handle	Nylon/STS	Nylon/STS
2	Nut	STS	STS303
3	Spring Cover	ALDC12	STS316
4	Adjust Spring	HSW3	STS316
5	Diaphragm Ass'y	STS/NBR	STS/NBR
6	Body	ALDC1	STS316
7	Stem	C3604BD/NBR	STS303/NBR
8	Filter	Poly Ethylene	Poly Ethylene
9	Filter Cover	ALDC12	STS316
10	Drain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

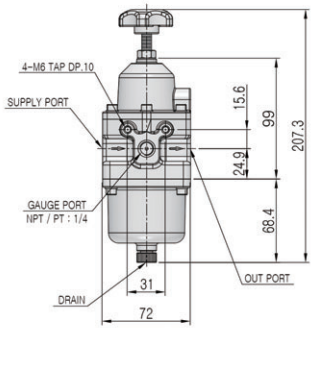
Dimension [Unit:mm]



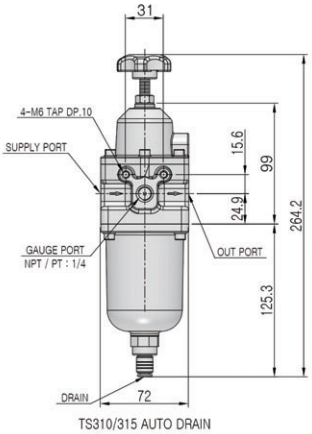
TS300/305 MANUAL DRAIN



TS300/305 AUTO DRAIN



TS310/315 MANUAL DRAIN



TS310/315 AUTO DRAIN

tissin

Solutions for control valve system

tissin

Tissin Co.,Ltd. (주)티씬

201-1105, No 397, Seokchen-ro, Ojeong-gu,
Bucheon-si, Gyeonggi-do, Korea 14449

Tel : +82-32-624-4573, Fax : +82-32-624-4574

www.tissin.co.kr

Version: PC-300EN_04/2024

We reserve the right to make technical changes or modify
the contents of this document without prior notice.

Copyright © 2024 Tissin
All rights reserved.

Printed in Korea