

Media: air, water, gas, fluid  
 Pressure: Inlet 5 Bar max  
 Pressure range: 0.02 to 0.2 Bar  
 Media temp: -15°C to +80°C max  
 Ambient temperature: +80°C max  
 Mount: Gauge upright, stem down

# Micro Pressure Reducing Valve

1/2 – 2" or DN15 – DN50  
 316 STAINLESS STEEL  
 DIRECT ACTING  
 0.02 – 0.2 Bar  
 TYPE REMT + REMF



## PRESSURE

Ø Port BSPT	Flow Kv L/min	Pressure Rating (Bar)		Part Number			
		Max Inlet (Bar)	Adjustable Pressure Reducing Range (Bar)				
			Minimum				Maximum
1/2	34.32	5	0.02	0.2	REMT15S + seal		
3/4	128.7	5	0.02	0.2	REMT20S + seal		
1	157.3	5	0.02	0.2	REMT25S + seal		
1 1/2	300.3	5	0.02	0.2	REMT40S + seal		
2	357.5	5	0.02	0.2	REMT50S + seal		

## Ø Port PN16 Flange

DN15	34.32	5	0.02	0.2	REMF15S + seal	
DN20	128.7	5	0.02	0.2	REMF20S + seal	
DN25	157.3	5	0.02	0.2	REMF25S + seal	
DN40	300.3	5	0.02	0.2	REMF40S + seal	
DN50	357.5	5	0.02	0.2	REMF50S + seal	

## OPTIONS

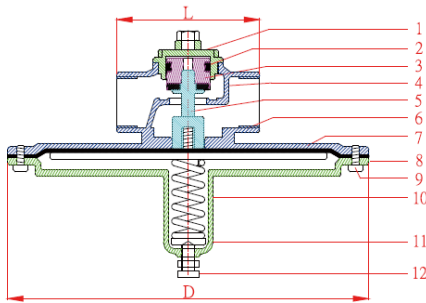
Pressure Gauge (316 Stainless steel)  
 Other ANSI150Lb, JIS10K flange or NPT and BSPP (G) thread options  
 Other custom made media, pressure and seal options available upon request

**Included**

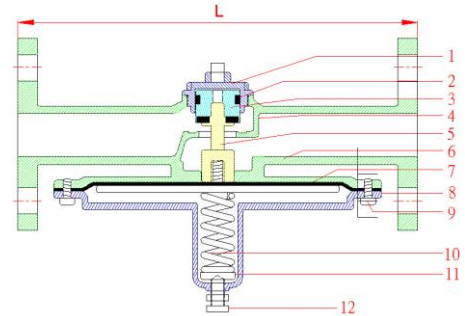
## CONSTRUCTION

Body, Piston & shaft: 316 stainless steel  
 Seals: NBR or FKM, Diaphragm Nylon /EPDM  
 Spring: steel  
 Fixing bolts and adjusting stem: 304 stainless steel  
 Body Test Pressure: 12 Bar

## OVERALL DIMENSIONS



Part No:	Port	L mm	D
REMT15	1/2	70	310
REMT20	3/4	85	310
REMT25	1	90	310
REMT40	1 1/2	115	310
REMT50	2	120	310
REMF15	DN15	420	
REMF20	DN20	420	
REMF25	DN25	420	
REMF40	DN40	420	
REMF50	DN50	420	



No	Part	Material	No	Part	Material
1	Cover	Stainless steel 316	7	Diaphragm	Nylon - EPDM
2	U Ring	NBR or FKM	8	Spring cover	Stainless steel 316
3	Piston	Stainless steel 316	9	Stem	Stainless steel 304
4	Sealing	NBR or FKM	10	Spring	Spring steel
5	Shaft	Stainless steel 316	11	Washer	Brass
6	Main body	Stainless steel 316	12	Stem	Stainless steel 304

