



GSGS-RE1 Series

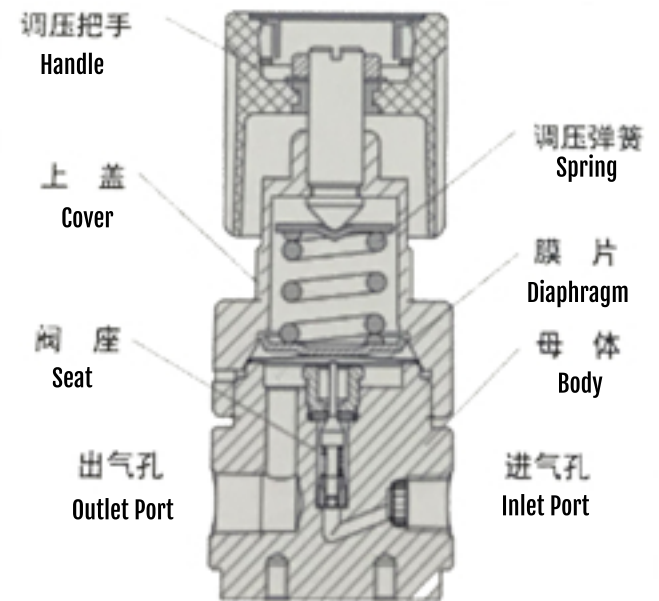
Single Stage Diaphragm Regulator (High Purity, Low Flow)

Product Material

Body: Brass, 316L
 Seat: PCTFE, PTFE
 Diaphragm: Hastelloy
 Filter: 316L
 Spring: 316L

Specifications

Single-Stage Diaphragm Construction
 Inlet and Outlet Port Size: 1/4" NPT(F)
 Safety Pressure: 1.5 times maximum inlet pressure
 Temperature Range: -40°F~165°F (-40°C~74°C)
 Leakage Rate: 2*10⁻⁸atm.cc/sec He
 Maximum CV: 0.14
 Weight: 0.9kg
 CE: EN334:2005+A1:2009



Product Parameters

Series	Body Port	Inlet Pressure	Outlet Pressure	Gauge	Inlet Connector	Outlet Connector	Options
GSGS-RE1	B	D	F	G	00	00	P
GSGS-RE1A (316L)	A	B: 4500psi	F: 0-500psi	G: Mpa gauge	00: 1/4" NPT(F)	00: 1/4" NPT(F)	P: Panel installation
	B	c: 4000psi	G: 0-250psi	P: psi/bar gauge	01: 1/4" NPT(M)	01: 1/4" NPT(M)	R: With safety valve
	D	D: 3500psi	H: 0-145psi	W: No gauge	23: CGA330	10: 1/8" LOK-fitting	N: With needle valve
GSGS-RE1B (Brass)	G	E: 3000psi	I: 0-100psi		24: CGA350	11: 1/4" LOK-fitting	D: With diaphragm valve
	J	F: 500psi	K: 0-50psi		27: CGA580	12: 3/8" LOK-fitting	
	M		L: 0-25psi		28: CGA660	15: 6mm LOK-fitting	
	Q		Q: 30" HgVac-30psi		30: CGA590	16: 8mm LOK-fitting	
			S: 30" HgVac-60psi		52: G5/8"-RH(F)	74: M8*1RH(M)	
		T: 30" HgVac-100psi		63: W21.8-14RH(F)	Other connectors are optional		
		U: 30" HgVac-200psi		64: W21.8-14LH(F)			
					Other connectors are optional		



GSGS-RE2 Series

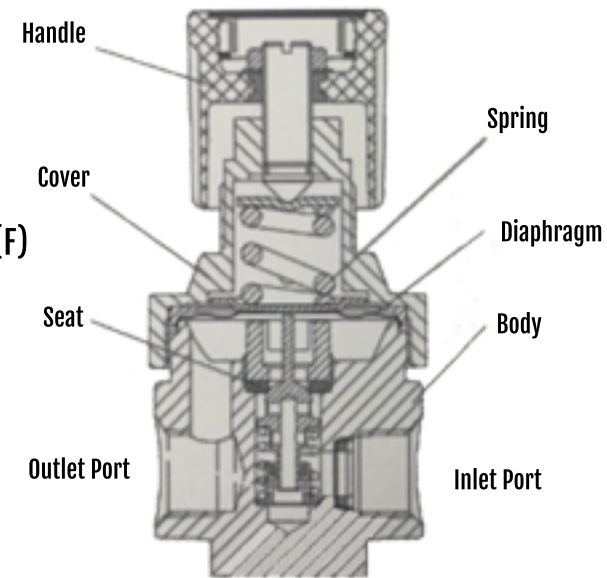
Single Stage Diaphragm Regulator
(High Purity, Medium Flow)

Product Material

Body: Brass, 316L
Cover: Brass, 316L
Seat: PCTFE, PTFE
Diaphragm: 316L
Filter: 316L
Spring: 316L

Specifications

Single-Stage Diaphragm Construction
Inlet and Outlet Port Size: 1/2" NPT(F)
Pressure Gauge and Safety Valve Port Size: 1/4" NPT(F)
Safety Pressure: 1.5 times maximum inlet pressure
Temperature Range: -40°F~165°F (-40°C~74°C)
Leakage Rate: 2*10⁻⁸atm.cc/sec He
Maximum CV: 1.1
Weight: 1.6kg
CE: EN334:2005+A1:2009



Product Parameters

Series	Body Port	Inlet Pressure	Outlet Pressure	Gauge	Inlet Connector	Outlet Connector	Options
GSGS-RE2	B	D	H	G	O2	O2	P
GSGS-RE2A (316L)	A	B: 4500psi	F: 0-500psi	G: Mpa gauge	O2: 3/8" NPT(F)	O2: 3/8" NPT(F)	P: Panel installation R: With safety valve
	B	c: 4000psi	G: 0-250psi	P: psi/bar gauge	O3: 3/8" NPT(M)	O3: 3/8" NPT(M)	
	D	D: 3500psi	H: 0-145psi	W: No gauge	O4: 1/2" NPT(F)	O4: 1/2" NPT(F)	
GSGS-RE2B (Brass)	G	E: 3000psi	I: 0-100psi		O5: 1/2" NPT(M)	O5: 1/2" NPT(M)	
	J	F: 500psi	K: 0-50psi		12: 3/8" LOK-fitting	12: 3/8" LOK-fitting	
	M		L: 0-25psi		13: 1/2" LOK-fitting	13: 1/2" LOK-fitting	
	Q		Q: 30" HgVac-30psi		Other connectors are optional	Other connectors are optional	
				S: 30" HgVac-60psi T: 30" HgVac-100psi U: 30" HgVac-200psi			



GSGS-RE3 Series

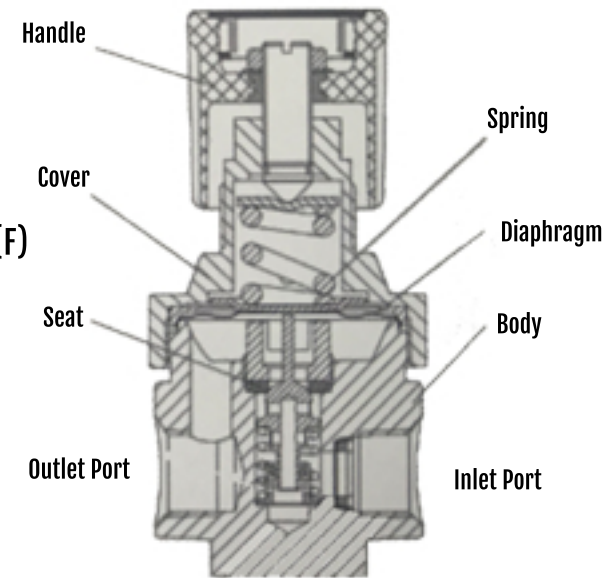
Single Stage Diaphragm Regulator
(High Purity, High Flow)

Product Material

Body: Brass, 316L
Cover: Brass, 316L
Seat: PCTFE, PTFE
Diaphragm: Hastelloy, 316L
Filter: 316L
Spring: 316L

Specifications

Single-Stage Diaphragm Construction
Inlet and Outlet Port Size: 3/4" NPT(F)
Pressure Gauge and Safety Valve Port Size: 1/4" NPT(F)
Safety Pressure: 1.5 times maximum inlet pressure
Temperature Range: -40°F~165°F (-40°C~74°C)
Leakage Rate: 2*10⁻⁸atm.cc/sec He
Maximum CV: 1.8
Weight: 1.6kg



Product Parameters

Series	Body Port	Inlet Pressure	Outlet Pressure	Gauge	Inlet Connector	Outlet Connector	Options
GSGS-RE3	B	E	H	G	05	05	P
GSGS-RE3A (316L)	A	B: 4500psi	F: 0-500psi	G: Mpa gauge	04: 1/2" NPT(F)	04: 1/2" NPT(F)	P: Panel installation R: With safety valve
	B	c: 4000psi	G: 0-250psi	P: psi/bar gauge	05: 1/2" NPT(M)	05: 1/2" NPT(M)	
	D	D: 3500psi	H: 0-145psi	W: No gauge	06: 3/4" NPT(F)	06: 3/4" NPT(F)	
GSGS-RE3B (Brass)	G	E: 3000psi	I: 0-100psi		13: 1/2" LOK-fitting	13: 1/2" LOK-fitting	
	J	F: 500psi	K: 0-50psi		14: 3/4" LOK-fitting	14: 3/4" LOK-fitting	
	M		L: 0-25psi		Other connectors are optional	Other connectors are optional	
			Q: 30" HgVac-30psi S: 30" HgVac-60psi T: 30" HgVac-100psi				



GSGS-RE4 Series

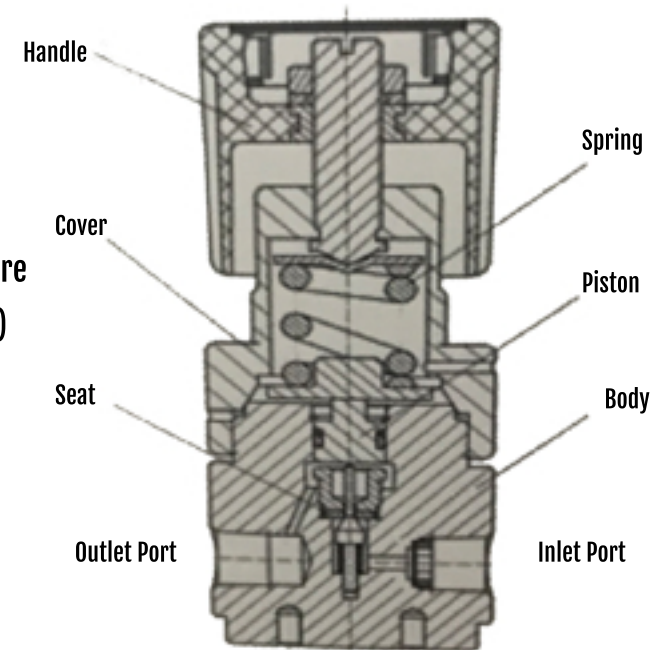
Single Stage Piston Regulator
(High Pressure, Low Flow)

Product Material

Body: 316L
Piston: 316L
Seat: PCTFE
Filter: 316L
Spring: 316L

Specifications

Single-Stage Piston Construction
Inlet and Outlet Port Size: 1/4" NPT(F)
Safety Pressure: 1.5 times maximum inlet pressure
Temperature Range: -40°F~165°F (-40°C~74°C)
Leakage Rate: 2*10⁻⁸atm.cc/sec He
Maximum CV: 0.06
Weight: 0.9kg
CE: EN334:2005+A1:2009



Product Parameters

Series	Body Port	Inlet Pressure	Outlet Pressure	Gauge	Inlet Connector	Outlet Connector	Options
GSGS-RE4	B	B	H	G	00	00	P
GSGS-RE4A (316L)	A	B: 4500psi	D: 0-3000psi	G: Mpa gauge	00: 1/4" NPT(F)	00: 1/4" NPT(F)	P: Panel installation
	D	c: 4000psi	E: 0-1500psi	P: psi/bar gauge	01: 1/4" NPT(M)	01: 1/4" NPT(M)	N: With needle valve
	G	D: 3500psi	F: 0-500psi	W: No gauge	10: 1/8" LOK-fitting	10: 1/8" LOK-fitting	D: With Diaphragm valve
GSGS-RE4B (Brass)		E: 3000psi			11: 1/4" LOK-fitting	11: 1/4" LOK-fitting	
					15: 6mm LOK-fitting	15: 6mm LOK-fitting	
					16: 8mm LOK-fitting	16: 8mm LOK-fitting	
					Other connectors are optional	Other connectors are optional	



GSGS-RE5 Series

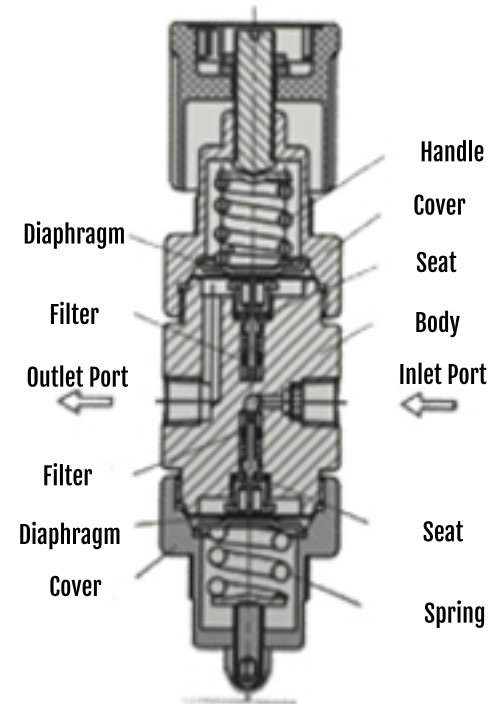
Dual Stage Diaphragm Regulator
(High Purity, Low Pressure)

Product Material

Body: Brass, 316L
Seat: PCTFE, PTFE
Diaphragm: Hastelloy, 316L
Filter: 316L
Spring: 316L

Specifications

Dual-Stage Diaphragm Construction
Inlet and Outlet Port Size: 1/4" NPT(F)
Safety Pressure: 1.5 times maximum inlet pressure
Temperature Range: -40°F~165°F (-40°C~74°C)
Leakage Rate: 2*10⁻⁸atm.cc/sec He
Maximum CV: 0.06
Weight: 1.4kg
CE: EN334:2005+A1:2009



Product Parameters

Series	Body Port	Inlet Pressure	Outlet Pressure	Gauge	Inlet Connector	Outlet Connector	Options
GSGS-RE5	M	D	G	G	00	00	P
GSGS-RE5A (316L)	M Q	B: 4500psi c: 4000psi D: 3500psi E: 3000psi F: 500psi	F: 0-500psi G: 0-250psi H: 0-145psi I: 0-100psi K: 0-50psi L: 0-25psi Q: 30" HgVac-30psi S: 30" HgVac-60psi T: 30" HgVac-100psi U: 30" HgVac-200psi	G: Mpa gauge P: psi/bar gauge W: No gauge	00: 1/4" NPT(F) 01: 1/4" NPT(M) 23: CGA330 24: CGA350 27: CGA580 28: CGA660 30: CGA590 52: G5/8"-RH(F) 63: W21.8-14RH(F) 64: W21.8-14LH(F) Other connectors are optional	00: 1/4" NPT(F) 01: 1/4" NPT(M) 10: 1/8" LOK-fitting 11: 1/4" LOK-fitting 12: 3/8" LOK-fitting 15: 6mm LOK-fitting 16: 8mm LOK-fitting 74: M8*1RH(M) Other connectors are optional	P: Panel installation R: With safety valve N: With needle valve D: With Diaphragm valve
GSGS-RE5B (Brass)							



GSGS-RE6 Series

Single Stage Diaphragm Regulator
(Ultra High Flow)

Product Material

Body: 316L, Brass

Diaphragm: Buna-N Rubber
(Nylon Reinforced)

Seat: Buna-N Rubber

Spring: 316L

Specifications

Single-Stage Diaphragm Construction

Inlet and Outlet Port Size: 1" NPT(F)

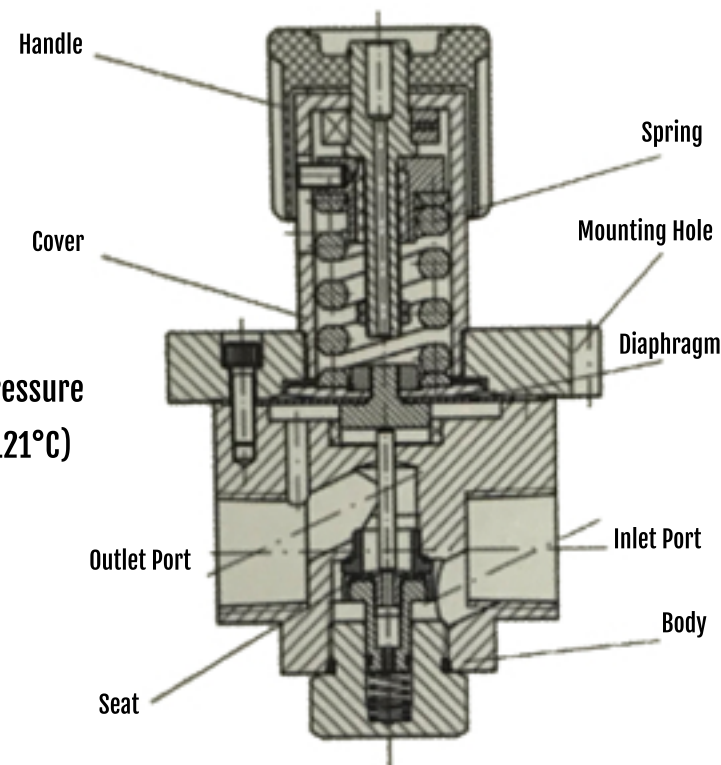
Pressure Gauge Port Size: 1/4" NPT(F)

Safety Pressure: 1.5 times maximum inlet pressure

Temperature Range: -10°F~250°F (-23°C~121°C)

Maximum CV: 5.2

Weight: 6kg



Product Parameters

Series	Body Port	Inlet Pressure	Outlet Pressure	Gauge	Inlet Connector	Outlet Connector
GSGS-RE6	B	F	G	G	06	06
GSGS-RE6A (316L)	A	F: 500psi	G: 0-250psi	G: Mpa gauge	06: 3/4" NPT(F)	06: 3/4" NPT(F)
	B		H: 0-125psi	P: psi/bar gauge	07: 3/4" NPT(M)	07: 3/4" NPT(M)
	D		I: 0-100psi	W: No gauge	08: 1" NPT(F)	08: 1" NPT(F)
GSGS-RE6B (Brass)	G	F: 500psi	K: 0-50psi		09: 1" NPT(M)	09: 1" NPT(M)
			L: 0-25psi		Other connectors are optional	Other connectors are optional



GSGS-RE7 Series

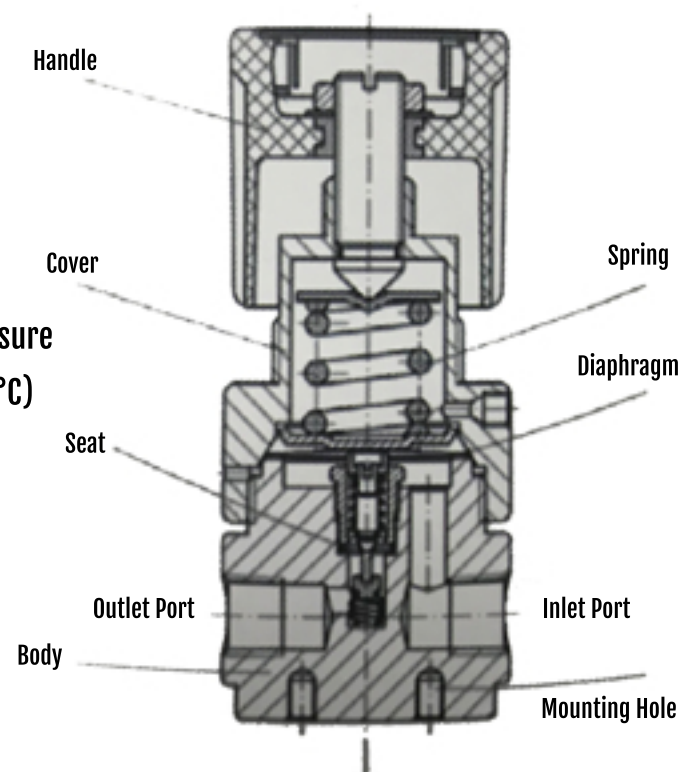
Single Stage Diaphragm Regulator (Back Pressure, Low Flow)

Product Material

Body: 316L, Brass
 Seat: PCTFE, PTFE
 Diaphragm: 316L, Hastelloy
 Spring: 316L

Specifications

Single-Stage Diaphragm Construction
 Inlet and Outlet Port Size: 1/4" NPT(F)
 Safety Pressure: 1.5 times maximum inlet pressure
 Temperature Range: -40°F~165°F (-29°C~69°C)
 Leakage Rate: 2*10⁻⁸atm.cc/sec He
 Maximum CV: 0.08
 Weight: 0.9kg



Product Parameters

Series	Body Port	Outlet Pressure	Inlet Connector	Outlet Connector	Options
GSGS-RE7	A	G	00	00	P
GSGS-RE7A (316L)	A	G: 0-250psi	00: 1/4" NPT(F)	00: 1/4" NPT(F)	P: Panel installation
	D	I: 0-100psi	01: 1/4" NPT(M)	01: 1/4" NPT(M)	
	G	K: 0-50psi	10: 1/8" LOK-fitting	10: 1/8" LOK-fitting	
GSGS-RE7B (Brass)		L: 0-25psi	11: 1/4" LOK-fitting	11: 1/4" LOK-fitting	
			12: 3/8" LOK-fitting	12: 3/8" LOK-fitting	
			Other connectors are optional	Other connectors are optional	



GSGS-RE8 Series

Single Stage Diaphragm Regulator
(General Purpose, Low Flow)

Product Material

Body: Brass

Cover: Zinc Alloy, Chrome-Faced

Diaphragm: Neoprene

Filter: Bronze

Specifications

Single-Stage Diaphragm Construction

Maximum Inlet Pressure: 15MPa

Meet the UL Safety Standard

Weight: 0.9kg

Typical Applications

Non-Corrosive Gases

Purging System

Laboratory Testing

Industrial Production

Product Parameters

Model No.	Gas	Max. Inlet Pressure (MPa)	Outlet Pressure (MPa)	Inlet Gauge (MPa)	Outlet Gauge (MPa)	Inlet Connection	Outlet Connection
GSGS-RE8A	Oxygen	15	0.02-0.56	25	1	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE8B		15	0.02-1.7	25	2.5	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE8C		15	0.02-1.7	25	2.5	W21.8-14RH(F)	M16-1.5RH(M)
GSGS-RE8D	Acetylene	3	0.01-0.1	4	0.25	Cylinder Rack	M16-1.5LH(M)
GSGS-RE8E	Propane Natural Gas LPG	3	0.02-0.56	4	1	M22-1.5LH(M)	M16-1.5LH(M)
GSGS-RE8F	Ar	15	0.02-0.56	25	1	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE8G	He	15	0.02-1.7	25	2.5	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE8H	N2	15	0.02-0.56	25	2.5	W21.8-14RH(F)	M16-1.5RH(M)
GSGS-RE8I	Hydrogen	15	0.02-0.56	25	1	W21.8-14LH(F)	M16-1.5LH(M)
GSGS-RE8J		/	0.02-1.7	25	2.5	W21.8-14LH(F)	M16-1.5LH(M)
GSGS-RE8K		15	0.02-0.56	25	1	W21.8-14LH(F)	M16-1.5LH(M)



GSGS-RE9 Series

Single Stage Diaphragm Regulator
(General Purpose, Medium Flow)

Product Material

Body: Brass
Cover: Brass
Diaphragm: Neoprene
Filter: Bronze

Specifications

Single-Stage Diaphragm Construction
Maximum Inlet Pressure: 15MPa
Meet the UL Safety Standard
CE: EN334: 2005+A1:2009
Weight: 1.25kg

Typical Applications

Non-Corrosive Gases
Purging System
Laboratory Testing
Industrial Production

Product Parameters

Model No.	Gas	Max. Inlet Pressure (MPa)	Outlet Pressure (MPa)	Inlet Gauge (MPa)	Outlet Gauge (MPa)	Inlet Connection	Outlet Connection
GSGS-RE9A	Oxygen	15	0.01-0.1	25	0.25	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE9B		15	0.01-0.28	25	0.4	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE9C		15	0.02-0.56	25	1	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE9D		15	0.03-0.85	25	1.6	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE9E		15	0.02-1.7	25	2.5	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE9F	Acetylene	3	0.01-0.1	4	0.25	Cylinder Rack	M16-1.5LH(M)
GSGS-RE9G	Propane	3	0.01-0.28	4	0.4	M22-1.5LH(M)	M16-1.5LH(M)
	Natural Gas	3	0.02-0.56	4	1	M22-1.5LH(M)	M16-1.5LH(M)
	LPG	3	0.03-0.85	4	1.6	M22-1.5LH(M)	M16-1.5LH(M)
GSGS-RE9H	Ar	15	0.01-0.1	25	0.25	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE9I	He	15	0.01-0.28	25	0.4	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE9J	N2	15	0.02-0.56	25	1	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE9K		15	0.03-0.85	25	1.6	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE9L		15	0.02-1.7	25	2.5	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE9M	Air	15	0.01-0.1	25	0.25	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE9N		15	0.01-0.28	25	0.4	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE9O		15	0.02-0.56	25	1	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE9P		15	0.03-0.85	25	1.6	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE9Q		15	0.02-1.7	25	2.5	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE9R	Hydrogen	15	0.01-0.28	25	0.4	W21.8-14LH(F)	M16-1.5LH(M)
GSGS-RE9S		15	0.02-0.56	25	1	W21.8-14LH(F)	M16-1.5LH(M)
GSGS-RE9T		15	0.02-0.56	25	1	W21.8-14LH(F)	M16-1.5LH(M)
GSGS-RE9U		15	0.03-0.85	25	1.6	W21.8-14LH(F)	M16-1.5LH(M)
GSGS-RE9V		15	0.02-1.7	25	2.5	W21.8-14LH(F)	M16-1.5LH(M)
GSGS-RE9W	CO2	15	0.03-0.85	25	0.4	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE9X		15	0.02-0.56	25	1	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE9Y		15	0.03-0.85	25	1.6	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE9Z		15	0.02-1.7	25	2.5	G5/8"-RH(F)	M16-1.5RH(M)



GSGS-RE10 Series

Single Stage Diaphragm Regulator
(General Purpose, Medium Flow)

Product Material

Body: Brass
Cover: Brass
Diaphragm: Neoprene
Filter: Bronze

Specifications

Single-Stage Diaphragm Construction
Maximum Inlet Pressure: 2.5MPa
Meet the UL Safety Standard
Weight: 1kg

Typical Applications

Non-Corrosive Gases
Purging System
Laboratory Testing
Industrial Production

Product Parameters

Model No.	Gas	Max. Inlet Pressure (MPa)	Outlet Pressure (MPa)	Inlet Gauge (MPa)	Outlet Gauge (MPa)	Inlet Connection	Outlet Connection
GSGS-RE10A	Oxygen	2.5	0.03-0.85	N/A	1.6	1/4" NPT(F)	1/4" NPT(F)
GSGS-RE10B		2.5	0.03-0.85	N/A	1.6	M16-1.5RH(M)	M16-1.5RH(M)
GSGS-RE10C		2.5	0.03-1.7	N/A	2.5	1/4" NPT(F)	1/4" NPT(F)
GSGS-RE10D	Acetylene	2.5	0.01-0.1	N/A	0.25	1/4" NPT(F)	1/4" NPT(F)
GSGS-RE10E		2.5	0.01-0.1	N/A	0.25	M16-1.5RH(M)	M16-1.5RH(M)
GSGS-RE10F	Propane	2.5	0.02-0.56	N/A	1	1/4" NPT(F)	1/4" NPT(F)
GSGS-RE10G	Natural Gas LPG	2.5	0.02-0.56	N/A	1	M16-1.5RH(M)	M16-1.5RH(M)
GSGS-RE10H	Ar	2.5	0.03-0.85	N/A	1.6	1/4" NPT(F)	1/4" NPT(F)
GSGS-RE10I	He N2	2.5	0.03-1.7	N/A	2.5	1/4" NPT(F)	1/4" NPT(F)
GSGS-RE10J	Air	2.5	0.03-0.85	N/A	1.6	1/4" NPT(F)	1/4" NPT(F)
GSGS-RE10K		2.5	0.03-1.7	N/A	2.5	1/4" NPT(F)	1/4" NPT(F)
GSGS-RE10L	Hydrogen	2.5	0.02-0.85	N/A	1	1/4" NPT(F)	1/4" NPT(F)
GSGS-RE10M		2.5	0.03-0.85	N/A	1.6	1/4" NPT(F)	1/4" NPT(F)
GSGS-RE10N		2.5	0.03-1.7	N/A	2.5	1/4" NPT(F)	1/4" NPT(F)
GSGS-RE10O	CO2	2.5	0.03-0.85	N/A	1.6	1/4" NPT(F)	1/4" NPT(F)
GSGS-RE10P		2.5	0.03-1.7	N/A	2.5	1/4" NPT(F)	1/4" NPT(F)



GSGS-RE11 Series

Dual Stage Diaphragm Regulator
(General Purpose, Medium Flow)

Product Material

Body: Brass
Cover: Brass
Diaphragm: Neoprene
Filter: Bronze

Specifications

Dual-Stage Diaphragm Construction
Meet the UL Safety Standard
CE: EN334: 2005+A1:2009
Weight: 2kg

Typical Applications

Non-Corrosive Gases
Purging System
Laboratory Testing
Industrial Production

Product Parameters

Model No.	Gas	Max. Inlet Pressure (MPa)	Outlet Pressure (MPa)	Inlet Gauge (MPa)	Outlet Gauge (MPa)	Inlet Connection	Outlet Connection
GSGS-RE11A	Oxygen	15	0.01-0.1	25	0.25	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE11B		15	0.01-0.28	25	0.4	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE11C		15	0.02-0.56	25	1	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE11D		15	0.03-0.85	25	1.6	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE11E		15	0.02-1.7	25	2.5	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE11F	Acetylene	3	0.01-0.1	4	0.25	Cylinder Rack	M16-1.5LH(M)
GSGS-RE11G	Propane	3	0.01-0.28	4	0.4	M22-1.5LH(M)	M16-1.5LH(M)
GSGS-RE11H	Natural Gas	3	0.02-0.56	4	1	M22-1.5LH(M)	M16-1.5LH(M)
GSGS-RE11I	LPG	3	0.03-0.85	4	1.6	M22-1.5LH(M)	M16-1.5LH(M)
GSGS-RE11J	Ar	15	0.01-0.1	25	0.25	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE11K	He	15	0.01-0.28	25	0.4	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE11L	N2	15	0.02-0.56	25	1	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE11M	Air	15	0.03-0.85	25	1.6	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE11N		15	0.02-1.7	25	2.5	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE11O		15	0.01-0.1	25	0.25	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE11P		15	0.01-0.28	25	0.4	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE11Q		15	0.02-0.56	25	1	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE11R	15	0.03-0.85	25	1.6	G5/8"-RH(F)	M16-1.5RH(M)	
GSGS-RE11S	15	0.02-1.7	25	2.5	G5/8"-RH(F)	M16-1.5RH(M)	
GSGS-RE11T	Hydrogen	15	0.01-0.28	25	0.4	W21.8-14LH(F)	M16-1.5LH(M)
GSGS-RE11U		15	0.02-0.56	25	1	W21.8-14LH(F)	M16-1.5LH(M)
GSGS-RE11V		15	0.02-0.56	25	1	W21.8-14LH(F)	M16-1.5LH(M)
GSGS-RE11W		15	0.03-0.85	25	1.6	W21.8-14LH(F)	M16-1.5LH(M)
GSGS-RE11X		15	0.02-1.7	25	2.5	W21.8-14LH(F)	M16-1.5LH(M)
GSGS-RE11Y	CO2	15	0.03-0.85	25	0.4	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE11Y1		15	0.02-0.56	25	1	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE11Z		15	0.03-0.85	25	1.6	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE11Z1		15	0.02-1.7	25	2.5	G5/8"-RH(F)	M16-1.5RH(M)



GSGS-RE12 Series

Single Stage Diaphragm Regulator
(General Purpose, Medium Flow)

Product Material

Body: Brass
Cover: Brass
Diaphragm: Neoprene
Filter: Bronze

Specifications

Single-Stage Diaphragm Construction
Meet the UL Safety Standard
CE: EN334:2005+A1:2009
Weight: 1.4kg

Typical Applications

Non-Corrosive Gases
Purging System
Laboratory Testing
Industrial Production

Product Parameters

Model No.	Gas	Max. Inlet Pressure (MPa)	Outlet Pressure (MPa)	Inlet Gauge (MPa)	Outlet Gauge (MPa)	Inlet Connection	Outlet Connection
GSGS-RE12A	Oxygen	15	0.02-0.56	25	1	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE12B		15	0.03-0.85	25	1.6	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE12C		15	0.03-1.2	25	2.5	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE12D	Acetylene	3	0.01-0.1	4	0.25	Cylinder Rack	M16-1.5LH(M)
GSGS-RE12E	Propane	3	0.01-0.28	4	0.4	M22-1.5LH(M)	M16-1.5LH(M)
GSGS-RE12F	Natural Gas	3	0.02-0.56	4	1	M22-1.5LH(M)	M16-1.5LH(M)
GSGS-RE12G	LPG	3	0.03-0.85	4	1.6	M22-1.5LH(M)	M16-1.5LH(M)
GSGS-RE12H	Ar	15	0.02-0.56	25	1	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE12I	He	15	0.01-1.2	25	2.5	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE12J	N2	15	0.01-2	25	4	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE12K		15	0.01-3		4	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE12L	Air	15	0.01-0.56	25	1	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE12M		15	0.03-0.85	25	1.6	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE12N		15	0.02-1.7	25	2.5	G5/8"-RH(F)	M16-1.5RH(M)

GSGS-RE13 Series

Single Stage Diaphragm Regulator
(General Purpose, High Flow)



Product Material

Body: Brass
Cover: Brass
Diaphragm: Neoprene
Filter: Bronze

Specifications

Single-Stage Diaphragm Construction
Meet the UL Safety Standard
CE: EN334:2005+A1:2009
Weight: 3kg

Typical Applications

Non-Corrosive Gases
Purging System
Laboratory Testing
Industrial Production

Product Parameters

Model No.	Gas	Max. Inlet Pressure (MPa)	Outlet Pressure (MPa)	Inlet Gauge (MPa)	Outlet Gauge (MPa)	Inlet Connection	Outlet Connection
GSGS-RE13A	Oxygen	15	0.03-0.85	25	1.6	G3/4"-RH(M)	G3/4"-RH(M)
GSGS-RE13B		15	0.07-1.4	25	2.5	G3/4"-RH(M)	G3/4"-RH(M)
GSGS-RE13C		15	0.03-0.85	25	1.6	1"-11-1/2"NPS-RH(M)	1"-11-1/2"NPS-RH(M)
GSGS-RE13D		15	0.07-1.4	25	2.5	1"-11-1/2"NPS-RH(M)	1"-11-1/2"NPS-RH(M)
GSGS-RE13E	Acetylene	3	0.01-0.1	4	0.25	G3/4'-LH(M)	G3/4'-LH(M)
GSGS-RE13F		3	0.01-0.1	4	0.25	1"-11-1/2"NPS-LH(M)	1"-11-1/2"NPS-LH(M)
GSGS-RE13G	Propane	15	0.03-0.85	25	1.6	G3/4"-RH(M)	G3/4"-RH(M)
GSGS-RE13H	Natural Gas	15	0.07-1.4	25	2.5	G3/4"-RH(M)	G3/4"-RH(M)
GSGS-RE13I	LPG	15	0.03-0.85	25	1.6	1"-11-1/2"NPS-RH(M)	1"-11-1/2"NPS-RH(M)
GSGS-RE13J		15	0.07-1.4	25	2.5	1"-11-1/2"NPS-RH(M)	1"-11-1/2"NPS-RH(M)
GSGS-RE13K	Ar	3	0.01-0.28	4	0.4	G3/4"-LH(M)	G3/4"-LH(M)
GSGS-RE13L	He N2	3	0.01-0.28	4	0.4	1"-11-1/2"NPS-LH(M)	1"-11-1/2"NPS-LH(M)
GSGS-RE13M	Air	15	0.03-0.85	25	1.6	G3/4"-RH(M)	G3/4"-RH(M)
GSGS-RE13N		15	0.07-1.4	25	2.5	G3/4"-RH(M)	G3/4"-RH(M)
GSGS-RE13O	Hydrogen	15	0.03-0.85	25	1.6	1"-11-1/2"NPS-RH(M)	1"-11-1/2"NPS-RH(M)
GSGS-RE13P		15	0.07-1.4	25	2.5	1"-11-1/2"NPS-RH(M)	1"-11-1/2"NPS-RH(M)
GSGS-RE13Q		15	0.07-1.4	25	2.5	G3/4"-LH(M)	G3/4"-LH(M)
GSGS-RE13R		15	0.07-1.4	25	2.5	1"-11-1/2"NPS-LH(M)	1"-11-1/2"NPS-LH(M)

GSGS-RE14 Series

Single Stage Piston Regulator (High Pressure)



Product Material

Body: Brass
Cover: Brass
Filter: Bronze

Specifications

Single-Stage Piston Construction
Meet the UL Safety Standard
CE: EN334:2005+A1:2009
Weight: 2kg

Typical Applications

Non-Corrosive Gases
Purging System
Laboratory Testing
Industrial Production

Product Parameters

Model No.	Gas	Max. Inlet Pressure (MPa)	Outlet Pressure (MPa)	Inlet Gauge (MPa)	Outlet Gauge (MPa)	Inlet Connection	Outlet Connection
GSGS-RE14A	Oxygen	20	0.5-5	25	10	G5/8"-RH(F)	∅ 6/LOK-fitting
GSGS-RE14B		20	0.7-10	25	16	G5/8"-RH(F)	∅ 6/LOK-fitting
GSGS-RE14C		20	1.4-20	25	25	G5/8"-RH(F)	∅ 6/LOK-fitting
GSGS-RE14D		25	1.4-20	40	40	CGA577	∅ 6/LOK-fitting
GSGS-RE14E		35	1.4-20	40	40	CGA701	∅ 6/LOK-fitting
GSGS-RE14F	Ar	20	0.07-10	25	16	G5/8"-RH(F)	∅ 6/LOK-fitting
GSGS-RE14G	He	20	1.4-20	25	25	G5/8"-RH(F)	∅ 6/LOK-fitting
GSGS-RE14H	N2	35	1.4-20	40	40	CGA677	∅ 6/LOK-fitting
GSGS-RE14I	Air	20	0.35-5	25	10	G5/8"-RH(F)	∅ 6/LOK-fitting
GSGS-RE14J		20	0.7-10	25	16	G5/8"-RH(F)	∅ 6/LOK-fitting
GSGS-RE14K		20	1.4-20	25	25	CGA680	∅ 6/LOK-fitting
GSGS-RE14L	Hydrogen	20	0.35-5	25	10	W21.8-14LH	∅ 6/LOK-fitting
GSGS-RE14M		20	0.7-10	25	16	W21.8-14LH	∅ 6/LOK-fitting
GSGS-RE14N		20	1.4-20	25	25	W21.8-14LH	∅ 6/LOK-fitting



GSGS-RE15 Series

Single Stage Piston Regulator
(High Pressure, High Flow)

Product Material

Body: Brass
Cover: Brass
Filter: Bronze

Specifications

Single-Stage Piston Construction
Meet the UL Safety Standard
CE: EN334:2005+A1:2009
Weight: 2.5kg

Typical Applications

Non-Corrosive Gases
Purging System
Laboratory Testing
Industrial Production

Product Parameters

Model No.	Gas	Max. Inlet Pressure (MPa)	Outlet Pressure (MPa)	Inlet Gauge (MPa)	Outlet Gauge (MPa)	Inlet Connection	Outlet Connection
GSGS-RE15A	Oxygen	20	0.35-5	25	10	G5/8"-RH(F)	⌀ 6/LOK-fitting
GSGS-RE15B		20	0.7-10	25	16	G5/8"-RH(F)	⌀ 6/LOK-fitting
GSGS-RE15C		20	1.4-20	25	25	G5/8"-RH(F)	⌀ 6/LOK-fitting
GSGS-RE15D		25	1.4-20	40	40	CGA577	⌀ 6/LOK-fitting
GSGS-RE15E		35	1.4-20	40	40	CGA701	⌀ 6/LOK-fitting
GSGS-RE15F	Ar	20	0.07-10	25	16	G5/8"-RH(F)	⌀ 6/LOK-fitting
GSGS-RE15G	He	20	1.4-20	25	25	G5/8"-RH(F)	⌀ 6/LOK-fitting
GSGS-RE15H	N2	35	1.4-20	40	40	CGA677	⌀ 6/LOK-fitting
GSGS-RE15I	Air	20	0.35-5	25	10	G5/8"-RH(F)	⌀ 6/LOK-fitting
GSGS-RE15J		20	0.7-10	25	16	G5/8"-RH(F)	⌀ 6/LOK-fitting
GSGS-RE15K		20	1.4-20	25	25	CGA680	⌀ 6/LOK-fitting
GSGS-RE15L	Hydrogen	20	0.35-5	25	10	W21.8-14LH	⌀ 6/LOK-fitting
GSGS-RE15M		20	0.7-10	25	16	W21.8-14LH	⌀ 6/LOK-fitting
GSGS-RE15N		20	1.4-20	25	25	W21.8-14LH	⌀ 6/LOK-fitting

GSGS-RE16 Series

Single Stage Flowmeter Regulator (General Purpose)



Product Material

Body: Brass

Cover: High Strength Zinc Alloy,
Chrome Faced

Flow Tube: Impact-resistance Composite

Protective Cover: Impact-resistance Composite

Specifications

Single-Stage Construction

Outlet Pressure: 0.35MPa

Meet the UL Safety Standard

Weight: 0.85kg

Typical Applications

MIG/TIG Gas

Laboratory Testing

Industrial Production

Product Parameters

Model No.	Gas	Outlet Flowmeter	Inlet Gauge (MPa)	Inlet Connection	Outlet Connection
GSGS-RE16A	CO ₂	0-25LPM	25	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE16B	Ar	0-25LPM	25	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE16C	He	0-80LPM	25	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE16D	Ar	0-50LPM	25	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE16E	He	0-160LPM	25	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE16F	N ₂	0-30LPM	25	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE16G	Air	0-30LPM	25	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE16H	H ₂	0-100LPM	25	W21.8-14LH(M)	M16-1.5RH(M)

GSGS-RE17 Series

Dual Stage Flowmeter Regulator (General Purpose)



Product Material

Body: Brass

Cover: High Strength Zinc Alloy,
Chrome Faced

Flow Tube: Impact-resistance Composite

Protective Cover: Impact-resistance Composite

Specifications

Single-Stage Construction

Outlet Pressure: 0.35MPa

Meet the UL Safety Standard

Weight: 1.4kg

Typical Applications

MIG/TIG Gas

Laboratory Testing

Industrial Production

Product Parameters

Model No.	Gas	Outlet Flowmeter	Inlet Gauge (MPa)	Inlet Connection	Outlet Connection
GSGS-RE17A	CO2	0-25LPM	25	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE17B	Ar	0-25LPM	25	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE17C	He	0-80LPM	25	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE17D	Ar	0-50LPM	25	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE17E	He	0-160LPM	25	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE17F	N2	0-30LPM	25	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE17G	Air	0-30LPM	25	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE17H	H2	0-100LPM	25	W21.8-14LH(M)	M16-1.5RH(M)

GSGS-RE18 Series

Single Stage Flowmeter Regulator (General Purpose)



Product Material

Main Material: Brass

Flow Tube: Impact-resistance Composite

Protective Cover: Impact-resistance Composite

Specifications

Single-Stage Construction

Outlet Pressure: 0.35MPa

Meet the UL Safety Standard

CE: EN334:2005+A1:2009

Weight: 2.1kg

Typical Applications

MIG/TIG Gas

Laboratory Testing

Industrial Production

Product Parameters

Model No.	Gas	Outlet Flowmeter	Inlet Gauge (MPa)	Inlet Connection	Outlet Connection
GSGS-RE18A	CO2	0-25LPM	25	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE18B	Ar	0-25LPM	25	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE18C	He	0-30LPM	25	G5/8"-RH(F)	M16-1.5RH(M)

GSGS-RE19 Series

Single Stage Flowmeter Regulator
(General Purpose)



Product Material

Main Material: Brass

Flow Tube: Impact-resistance Composite

Protective Cover: Impact-resistance Composite

Specifications

Single-Stage Construction

Outlet Pressure: 0.35MPa

Meet the UL Safety Standard

Weight: 2kg

Typical Applications

MIG/TIG Gas

Laboratory Testing

Industrial Production

Product Parameters

Model No.	Gas	Outlet Flowmeter	Inlet Gauge (MPa)	Inlet Connection	Outlet Connection
GSGS-RE19A	CO ₂	0-25LPM	25	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE19B	Ar	0-25LPM	25	G5/8"-RH(F)	M16-1.5RH(M)
GSGS-RE19C	He	0-30LPM	25	G5/8"-RH(F)	M16-1.5RH(M)