February 2015

Types 95L, 95H, 95HP and 95HT Pressure Reducing Regulators

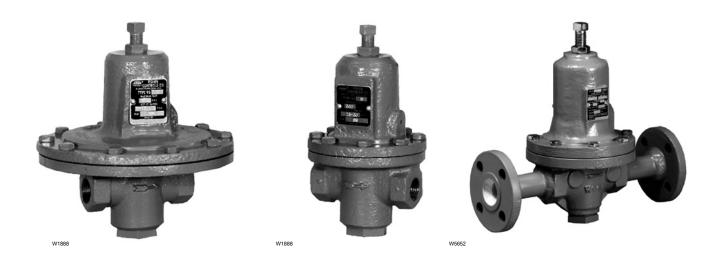


Figure 1. Type 95L NPT Body (Left), Type 95H NPT Body (Middle), and Type 95H Flanged Body (Right) Pressure Reducing Regulators

WARNING

Failure to follow these instructions or to properly install and maintain this equipment could result in an explosion, fire and/or chemical contamination causing property damage and personal injury or death.

Fisher® regulators must be installed, operated and maintained in accordance with federal, state and local codes, rules and regulations and Emerson Process Management Regulator Technologies, Inc. instructions.

If the regulator vents gas or a leak develops in the system, service to the unit may be required. Failure to correct trouble could result in a hazardous condition. Call a gas service person to service the unit. Only a qualified person must install or service the regulator.

Introduction

Types 95L, 95H, 95HP and 95HT direct-operated pressure regulators are suitable for pressure control of steam, air, gas, water, oil and similar fluids requiring constant outlet pressures between 2 and 400 psig / 0.14 and 27.6 bar. Typical 95L and 95H regulators are shown in Figure 1.

Description

Type 95L—Pressure reducing regulator suitable for controlling many gases and liquids. Cast iron, steel or stainless steel bodies are available. Outlet pressure range is from 2 to 30 psig / 0.14 and 2.1 bar with three





Specifications

This section lists the specifications for the Types 95L, 95H, 95HP and 95HT regulators. Factory specification are stamped on the nameplate fastened on the regulator at the factory.

Available Configurations

Type 95L: Low-pressure regulator for 2 to 30 psig / 0.14 to 2.1 bar outlet pressures

Type 95H: High-pressure regulator for 5 to 150 psig / 0.34 to 10.3 bar outlet pressures

Type 95HP: High-pressure regulator for 15 to 400 psig / 1.0 to 27.6 bar outlet pressures (soft-seated)

Type 95HT: High-pressure/high temperature regulator for 15 to 300 psig / 1.0 to 20.7 bar outlet pressures (metal seat) and up to 650°F / 343°C

Body and Orifice Sizes

NPS 1/4 body: 1/4 in. / 6.4 mm orifice

NPS 1/2 / DN 15 body: 3/8 in. / 9.5 mm orifice

NPS 3/4 and 1 / DN 20 and 25 bodies:

9/16 in. / 14 mm orifice

NPS 1-1/2 and 2 / DN 40 and 50 bodies:

1-1/16 in. / 27 mm orifice

End Connection Styles

NPT, ASME flanged; all sizes are fabricated with slip-on flanges and are 14 in. face-to-face (EN flanged-356 mm face-to-face), CL150 RF, CL300 RF, PN 16/25/40 or SWE

Maximum Cold Working Pressures of Body Size and Material

See Table 2

Outlet Pressure Ranges

See Table 1

Maximum Temperature Ranges of Diaphragm and Seat Materials(1)(2)

MATERIAL	TEMPERATURE RANGE			
WIAI ERIAL	°F	°C		
Nitrile (NBR)	-40 to 180	-40 to 82		
Neoprene (CR)	-40 to 180	-40 to 82		
Fluorocarbon (FKM)(3)	0 to 300	-18 to 149		
Ethylenepropylene (EPDM)	-40 to 275	-40 to 135		
Perfluoroelastomer (FFKM)	0 to 425	-18 to 218		
Polytetrafluoroethylene (PTFE)	-40 to 400	-40 to 204		
Stainless Steel	-40 to 650	-40 to 343		

Maximum Temperature Ranges of Body Materials (1)(2)

REGULATOR	BODY AND SPRING	TEMPERAT	URE RANGE
REGULATOR	CASE MATERIAL	°F	°C
Type 95L Type 95H	Cast Iron Steel Stainless Steel	-40 to 406 -20 to 450 -40 to 450	-40 to 208 -29 to 232 -40 to 232
Type 95HP	Steel Stainless Steel	-20 to 450 -40 to 450	-29 to 232 -40 to 232
Type 95HT	Steel Stainless Steel	-20 to 650 -40 to 550	-29 to 343 -40 to 288

Pressure Setting Adjustment

Adjusting screw (standard), Handwheel/Tee handle (optional): NPS 1/2 / DN 15 body has a handwheel, all other sizes have tee handles

Pressure Registration

Internal

Shutoff Classification Per ANSI/FCI 70-3-2004

Metal Seats: Class IV

Elastomer Seats: Class VI or better

PTFE: Class IV

Approximate Weights

Types 95H, 95HP and 95HT:

NPS 1/4 body: 4 lbs / 2 kg

NPS 1/2 / DN 15 body: 8 lbs / 4 kg NPS 3/4 and 1 / DN 20 and 25 bodies:

20 lbs / 9 kg

NPS 1-1/2 and 2 / DN 40 and 50 bodies:

73 lbs / 33 kg

Type 95L:

NPS 1/4 body: 6 lbs / 3 kg

NPS 1/2 / DN 15 body: 12 lbs / 5 kg

NPS 3/4 and 1 / DN 20 and 25 bodies: 32 lbs / 15 kg

^{1.} The pressure/temperature limits in this Instruction Manual, and any applicable standard or code limitation should not be exceeded.

^{2.} Pressures and/or the body end connection may decrease these maximum temperatures
3. Fluorocarbon (FKM) is limited to 200°F / 93°C hot water.

Table 1. Outlet Pressure Ranges

	BODY SIZE.	OUTLET PRES	SSURE RANGE	SPRING WIR	E DIAMETER	SPRING FR	EE LENGTH	SPRING	
TYPE	NPS / DN	psig	bar	ln.	mm	ln.	mm	PART NUMBER	COLOR
		2 to 6	0.14 to 0.41	0.148	3.76	2.00	50.8	1E392527022	Yellow
	1/4	5 to 15	0.34 to 1.0	0.172	4.37	2.00	50.8	1E392627012	Green
		13 to 30	0.90 to 2.1	0.207	5.26	1.93	49.2	1E392727142	Red
		2 to 6	0.14 to 0.41	0.207	5.26	2.50	63.5	1E395627022	Yellow
95L	1/2 / 15	5 to 15	0.34 to 1.0	0.234	5.94	2.57	65.2	1D7455T0012	Green
		13 to 30	0.90 to 2.1	0.281	7.14	2.44	62.0	1E395727192	Red
	3/4, 1 /	2 to 6	0.14 to 0.41	0.306	7.77	4.00	102	1E398927022	Yellow
		5 to 15	0.34 to 1.0	0.343	8.71	4.00	102	1E399027142	Green
	20, 25	13 to 30	0.90 to 2.1	0.406	10.3	4.00	102	1E399127162	Red
		15 to 30	1.0 to 2.1	0.148	3.76	2.00	50.8	1E392527022	Yellow
	1/4	25 to 75	1.7 to 5.2	0.172	4.37	2.00	50.8	1E392627012	Green
		70 to 150	4.8 to 10.3	0.207	5.26	1.93	49.2	1E392727142	Red
		15 to 30	1.0 to 2.1	0.207	5.26	2.50	63.5	1E395627022	Yellow
	1/2 / 15	25 to 75	1.7 to 5.2	0.234	5.94	2.57	65.2	1D7455T0012	Green
		70 to 150	4.8 to 10.3	0.281	7.14	2.44	62.0	1E395727192	Red
95H	3/4, 1 / 20, 25	15 to 30	1.0 to 2.1	0.306	7.77	4.00	102	1E398927022	Yellow
		25 to 75	1.7 to 5.1	0.343	8.71	4.00	102	1E399027142	Green
		70 to 150	4.8 to 10.3	0.406	10.3	4.00	102	1E399127162	Red
	1-1/2, 2 / 40, 50	5 to 80	0.34 to 5.5	0.531	13.5	6.56	167	1E795327082	Light Blue
		60 to 120	4.1 to 8.3	0.562	14.3	6.56	167	1E795427082	Light Gray
		100 to 140	6.9 to 9.7	0.593	15.1	6.50	165	1E793327082	Yellow
		120 to 150	8.3 to 10.3	0.656	16.7	6.56	167	1P788827082	Black
	4/4	15 to 100	1.0 to 6.9	0.192	4.88	1.96	49.8	14B9941X012	Unpainted
	1/4	80 to 300	5.5 to 20.7	0.282	7.16	1.96	49.8	14B9940X012	Unpainted
	4/0 / 45	15 to 100	1.0 to 6.9	0.282	7.16	2.50	63.5	14B9943X012	Unpainted
OFLIT	1/2 / 15	80 to 300	5.5 to 20.7	0.375	9.52	2.50	63.5	14B9942X022	Unpainted
95HT	3/4, 1 /	15 to 100	1.0 to 6.9	0.437	11.1	4.03	102	14B9944X022	Unpainted
	20, 25	80 to 300	5.5 to 20.7	0.562	14.3	4.03	102	14B9945X022	Unpainted
	1-1/2, 2 /	15 to 100	1.0 to 6.9	0.625	15.9	6.70	170	17B1704X012	Unpainted
	40, 50	60 to 260	4.1 to 17.9	0.812	20.6	6.70	170	17B1705X012	Unpainted
		15 to 100	1.0 to 6.9	0.192	4.88	1.96	49.8	14B9941X012	Unpainted
	1/4	80 to 400	5.5 to 27.6	0.282	7.16	1.96	49.8	14B9940X012	Unpainted
		15 to 100	1.0 to 6.9	0.282	7.16	2.50	63.5	14B9943X012	Unpainted
0.5115	1/2 / 15	80 to 400	5.5 to 27.6	0.375	9.52	2.50	63.5	14B9942X022	Unpainted
95HP	3/4, 1 /	15 to 100	1.0 to 6.9	0.437	11.1	4.03	102	14B9944X022	Unpainted
	20, 25	80 to 400	5.5 to 27.6	0.562	14.3	4.03	102	14B9945X022	Unpainted
	1-1/2, 2 /	15 to 100	1.0 to 6.9	0.625	15.9	6.70	170	17B1704X012	Unpainted
	40, 50	60 to 300	4.1 to 20.7	0.812	20.6	6.70	170	17B1705X012	Unpainted
	.0,00			V.V.=		J U		1	

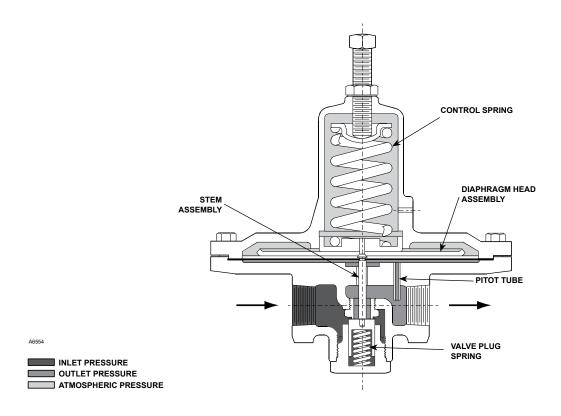
Table 2. Maximum Cold Working Pressures of Body Size and Material⁽¹⁾⁽²⁾

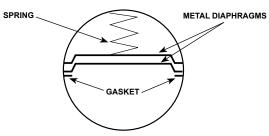
REGULATOR	BODY SIZE, NPS	BODY AND SPRING CASE MATERIAL	MAXIMUM INLET PRESSURE, psig / bar	MAXIMUM OUTLET PRESSURE, psig / bar
		Cast Iron	250 / 17.2	50 / 3.4
Type 95L	All Sizes	Steel	300 / 20.7	125 / 8.6
		Stainless Steel	300 / 20.7	125 / 8.6
		Cast Iron	250 / 17.2	250 / 17.2
Type 95H	All Sizes	Steel	300 / 20.7	300 / 20.7
		Stainless Steel	300 / 20.7	300 / 20.7
Type OFLID	All Sizes	Steel	600 / 41.4	600 / 41.4
Type 95HP	All Sizes	Stainless Steel	600 / 41.4	550 / 37.9
	1/4 to 1 / DN 25	Steel	600 / 41.4	600 / 41.4
T OF UT	1/4 to 1 / DN 25	Stainless Steel	600 / 41.4	550 / 37.9
Type 95HT	4.4/0.0 / DN 40.50	Steel	600 / 41.4	450 / 31.0
	1-1/2, 2 / DN 40, 50	Stainless Steel	600 / 41.4	450 / 31.0
1. The pressure limits in this Instruc	ction Manual, and any applicable stand	ard or code limitation should not be ex	cceeded.	

The pressure limits in this instruction wantan, and any applicable standard or code limitation should not be exceed
 Temperature and/or the body end connection may decrease these maximum pressures.

Table 3. Torque Specifications

BODY SIZE,	SPRING CASE BOLT(1)	ORIFICE	PLUG GUIDE		
NPS / DN		Ft-Lbs / N•m	Ft-Lbs / N•m		
1/4	6 to 8 / 8.1 to 11	8 to 12 / 11 to 16	42 to 58 / 57 to 79		
1/2 / 15	10 to 13 / 13 to 18	29 to 35 / 39 to 47	70 to 90 / 95 to 122		
3/4, 1 / 20, 25	24 to 30 / 33 to 41	33 to 42 / 45 to 57	130 to 160 / 176 to 217		
1-1/2, 2 / 40, 50	40 to 50 / 54 to 68	140 to 170 / 190 to 230	170 to 200 / 230 to 271		





TYPE 95L WITH 2 METAL DIAPHRAGMS
(ALSO TYPICAL OF TYPE 95H OR 95HT, EXCEPT
ONLY TYPE 95L, NPS 1/4, 2 TO 6 psi / 0.14 to 0.41 bar RANGE)

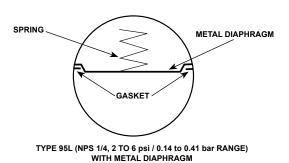


Figure 2. Type 95L with Metal Seat and Diaphragm Operational Schematic (Also Typical of Type 95H or 95HT)

different springs available. Body sizes are available from NPS 1/4 through 1 / DN 25 with a variety of end connections. The standard orifice sizes are 1/4, 3/8 and 9/16 in. / 6.4, 9.5 and 14 mm diameter, dependent on body sizes.

Type 95H—Basically the same as Type 95L, but permits higher outlet pressure ranges from 15 to 150 psig / 1.0 to 10.3 bar for the NPS 1/4, 1/2, 3/4 and 1 / DN 15, 20 and 25 sizes. Also available in NPS 1-1/2 and 2 sizes with a 1-1/16 in. / 27 mm orifice to give outlet pressure ranges from 5 to 150 psig / 0.34 to 10.3 bar.

Type 95HP—Basically the same as Type 95H, but permits even higher outlet pressure ranges from 15 to 400 psig / 1.0 to 27.6 bar.

Type 95HT—Basically the same as Type 95H, but permits higher outlet pressures at higher temperatures. Outlet pressure ranges are available from 15 to 300 psig / 1.0 to 20.7 bar and temperatures up to 650°F / 343°C.

Principle of Operation

The 95 Series (refer to Figure 2) is a direct-operated regulator. Downstream pressure is registered internally through the body to the under side of the diaphragm. When the downstream pressure is at or above the set pressure, the disk is held against the orifice, and there is no flow through the regulator. When demand increases, downstream pressure drops slightly allowing the spring to extend, moving the stem down and the disk away from the orifice. This allows flow through the body to the downstream system. Types 95H, 95L, 95HP and 95HT use spring force to regulate outlet pressure.

Installation

Clean out all pipelines before installation of the regulator and check to be sure the regulator has not been damaged or collected foreign material during shipping. Apply pipe compound to the external pipe threads and install the regulator in any position desired, but be sure flow through the body is in the direction indicated by the arrow cast on the body.

Note

It is important that the regulator be installed so that the vent hole in the spring case is unobstructed at all times. For outdoor installations, the regulator should be located away from vehicular

traffic and positioned so that water, ice and other foreign materials cannot enter the spring case through the vent. Avoid placing the regulator beneath eaves or downspouts, and be sure it is above the probable snow level.

On NPS 1-1/2 or 2 / DN 40 or 50 95H Series regulators, the spring case vent is tapped so a vent line can be connected to provide venting to a remote location. On NPS 1/4, 1/2, 3/4 and 1 / DN 15, 20 and 25 95H Series body sizes, the tapped vent option is available on request. The exposed end of the vent pipe should be protected with a weather and insect resistant vent assembly.

All vents and remote vent lines should be checked periodically to ensure that they are unobstructed.

Overpressure Protection

The Types 95L, 95H, 95HP and 95HT regulators have an outlet pressure rating lower than the inlet pressure rating. The recommended pressure limitations are stamped on the regulator nameplate. Some type of overpressure protection is needed if the actual inlet pressure exceeds the maximum operating outlet pressure rating. Overpressure protection should also be provided if the regulator inlet pressure is greater than the safe working pressure of downstream equipment.

Some type of external overpressure protection should be provided if inlet pressure will be high enough to damage downstream equipment. Common methods of external overpressure protection include relief valves, monitoring regulators, shutoff devices and series regulation.

Regulator operation below the maximum pressure limitations does not preclude the possibility of damage from external sources or from debris in the pipeline. If the regulator is exposed to an overpressure condition, it should be inspected for any damage that may have occurred.

Startup

The regulator is set at the factory for the setpoint specified on the order, so no initial adjustment should be required to give the desired results. With proper installation completed and relief valves properly adjusted, slowly open the upstream and downstream shutoff valves.

Adjustment

The factory setting of the regulator can be varied within the pressure range stamped on the nameplate. To change the outlet pressure, loosen the locknut (key 17, Figure 3, 4 or 5) and turn the adjusting screw (key 15, Figure 3, 4 or 5) clockwise to increase outlet pressure, or counterclockwise to decrease it. Monitor the outlet pressure with a test gauge during the adjustment. Tighten the locknut to maintain the desired setting.

All regulator springs can be backed off to provide zero outlet. Recommended outlet pressure ranges available, maximum inlet pressures and temperatures, and color codes of the respective springs are shown in Tables 1 and 2.

Shutdown

Close the upstream shutoff valve. Close downstream shutoff valve. Open bleed valve between the regulator and the downstream shutoff valve. Without changing regulator spring adjustment, all pressure between the upstream and downstream shutoff valves will be released through the bleed valve, since the Type 95L or 95H regulator opens in response to the decreased outlet pressure.

Maintenance

WARNING

To avoid personal injury, property damage or equipment damage caused by sudden release of pressure or explosion of accumulated gas, do not attempt any maintenance or disassembly without first isolating the regulator from system pressure and relieving all internal pressure from the regulator.

Due to normal wear that may occur, parts must be periodically inspected and replaced if necessary. The frequency of inspection depends on the severity of service conditions. This section includes instructions for disassembly and replacement of parts. All key numbers refer to Figures 3, 4 and 5.

1. Unscrew the valve plug guide (key 5) from the body (key 1). The valve plug spring (key 10) and the valve plug (key 4) will normally come out of the body along with the valve plug guide. On NPS 1-1/2 or 2 / DN 40 or 50 units the stem (key 6, Figure 5) will also come out of the regulator body.

- Inspect the seating surface of the valve plug (key 4), make sure that the elastomer, PTFE or polished metal surface of the valve plug is not damaged. Replace if damage is noted.
- 3. Inspect the seating edge of the orifice (key 3). If damage is noted, unscrew the orifice from the body and replace it with a new part. Torque per Table 3. If no further maintenance is required, reassemble the regulator in the reverse of the above steps. When installing the valve plug guide (key 5) coat the threads and sealing surface with sealant to ensure an adequate metal-to-metal seal. Reassembly torque per Table 3.
- If diaphragm damage is suspected, or to inspect the diaphragm or other internal parts, loosen the locknut (key 17) and turn the adjusting screw (key 15) to remove all spring compression.
 - Steps 5 and 6 apply to Type 95L and sizes NPS 1/4 to 1 / DN 25 of the 95H Series. If the unit being disassembled is an NPS 1-1/2 to 2 / DN 40 and 50 size Type 95H, HP or HT, proceed to steps 7 and 8.
- 5. Remove the diaphragm case cap screws (key 16) and lift off the spring case (key 2). Remove the upper spring seat (key 9) and regulator spring (key 11). On NPS 1/4 to 1 / DN 25 sizes Type 95H units only, remove the lower spring seat (key 8). On Type 95L units, remove the diaphragm head assembly (key 21).
- Remove the diaphragm(s) and examine for damage. Replace if damage is noted. Note that if the diaphragm is metal, two diaphragms should be used except for Type 95L, NPS 1/4 with 2 to 6 psi / 0.14 to 0.41 bar spring range which uses only one metal diaphragm.
- 7. Remove the diaphragm-diaphragm head assembly. It can be disassembled for inspection of the diaphragm (key 12) and two small diaphragm gaskets (key 47) or O-ring (key 45). Remove the locknut (key 31) from the pusher post (key 30) and separate the assembly. An O-ring is used to seal around the pusher post if an elastomer diaphragm is used, and the gaskets are used with stainless steel diaphragm(s).
- 8. Unscrew and remove the stem guide bushing (key 7). An O-ring (key 51) held in place by the packing follower (key 50) can then be examined for damage.
- With diaphragm(s) removed, check to be sure the pressure registration hole (pitot tube, key 20, in NPS 3/4 / DN 20 and larger sizes) is completely open and free of all obstructions.

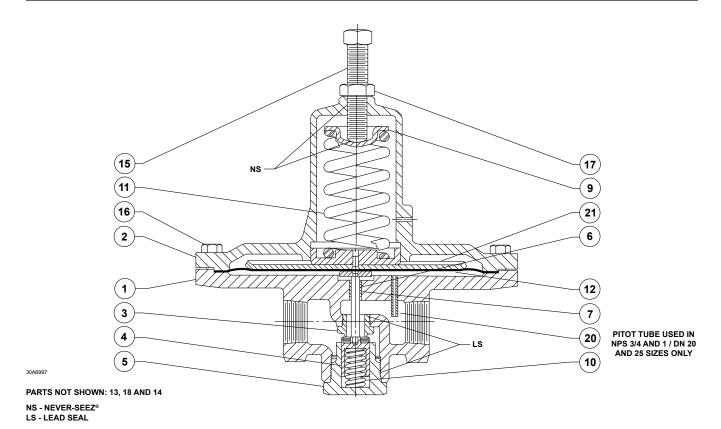


Figure 3. Type 95L with Elastomer Seat, NPS 1/4 to 1 / DN 25 Sizes Assembly

- 10. If the unit has metal diaphragms,
 - a. (Applicable only for the lower diaphragm head of Type 95H/HT, NPS 1-1/2 to 2)

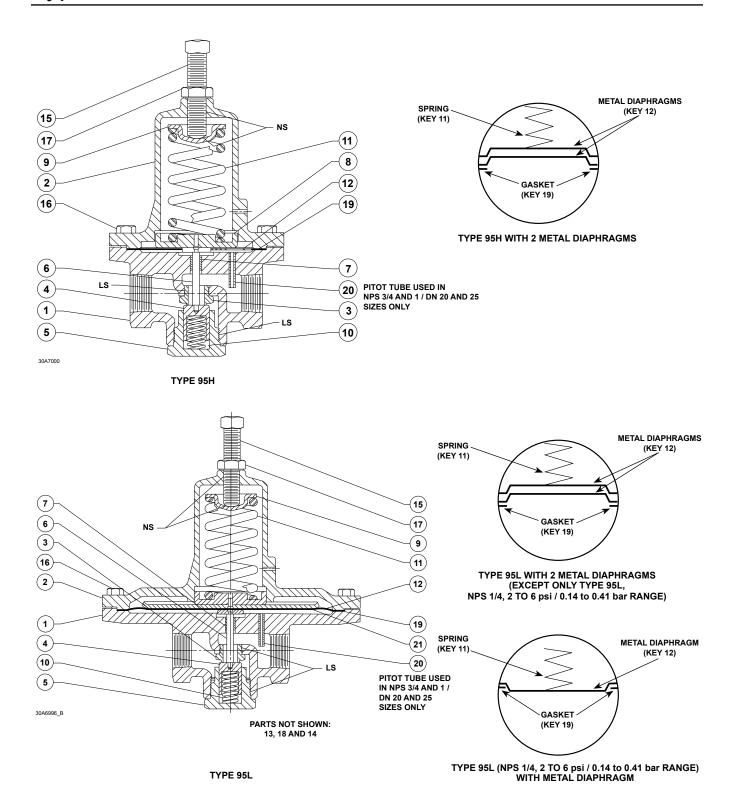
Find the pusher post (key 30) and place on a surface with the larger flat surface down and the thread stem up (metal diaphragm pusher post has a recessed diameter in the bottom surface). Then, find one smaller elastomer (or graphite) gaskets (key 47) and fit it over the threaded end of the pusher post. Find and take one of the diaphragm heads and slip it over the threaded end of the pusher post with the chamfered side of the diaphragm head toward the gasket. Take a second gasket and place it over the threaded end of the pusher post on top of the diaphragm head.

b. Replace the large diaphragm gasket (key 19) on the surface of the body that will support the diaphragms. There will be two diaphragms used per regulator, except for 95L, NPS 1/4 with 2 to

6 psi / 0.14 to 0.41 bar outlet setting which uses only one metal diaphragm. The raised surfaces of the metal diaphragms should be placed in the unit so that they are facing toward the assembler (toward the spring) except only when one diaphragm is being used then the raised surface should be facing down (towards the body). See Figures 2 and 4 as references.

11. Reassemble in the reverse of the above procedures. Lubricate the upper spring seat and the exposed threads of the adjusting screw with Anti-Seize lubricant.

Before tightening cap screws (key 16) be sure to install the adjusting screw, if completely removed, and turn it down so that diaphragm slack is obtained. This allows proper positioning of the diaphragm to permit full travel of the valve plug. Torque diaphragm cap screws per Table 3. Complete reassembly procedures and turn the adjusting screw to produce the desired outlet pressure. Tighten the locknut to maintain the desired setting.



NS - NEVER-SEEZ® LS - LEAD SEAL

Figure 4. 95 Series with Metal Seat Assemblies

Never-Seez® is a mark owned by Bostik Corp.

Metal Seat (Types 95L, 95H and 95HT)

NPS 3/4 and 1 / DN 20 and 25 bodies

NPS 3/4 and 1 / DN 20 and 25 bodies

NPS 1-1/2 and 2 / DN 40 and 50 bodies

Elastomer Seat (Types 95L, 95H and 95HP)

NPS 3/4 and 1 / DN 20 and 25 bodies

NPS 1-1/2 and 2 / DN 40 and 50 bodies

Brass (Types 95L and 95H only)

NPS 1-1/2 and 2 / DN 40 and 50 bodies

Part Number

1E391646172

1E395046172

1E398046172

2P787046172

1E391635072

1E395035072

1E398035072

2P787035072

2P787046172

1E393214012

1E396214012

1E399514012

1P7860X0092

1E393235132

Key Description

Orifice

Brass

416 Stainless steel NPS 1/4 body

316 Stainless steel NPS 1/4 body

NPS 1-1/2 and 2

NPS 1/4 body

416 Stainless steel

NPS 1/4 body

NPS 1/2 / DN 15 body

NPS 1/2 / DN 15 body

NPS 1/2 / DN 15 body

Parts Ordering

When corresponding with your local Sales Office about this equipment, always reference the equipment serial number or FS number that can be found on the nameplate.

When ordering replacement parts, reference the key number of each needed part as found in the following parts list. Separate kits containing all recommended spare parts are available.

Parts List

Note

In this parts list, parts marked NACE are intended for corrosion-resistant service as detailed in the NACE International

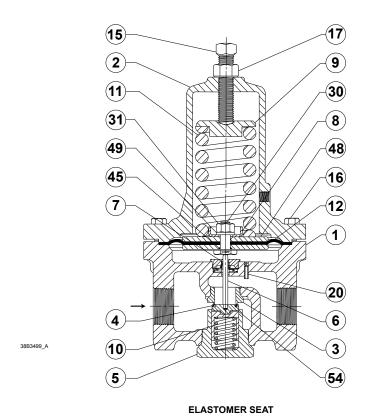
	as detailed in the NACE International	al.		NPS 1/4 DOGY	1E393235132
		4 1		NPS 1/2 / DN 15 body	1E396235132
	Standard MR0175.			NPS 3/4 and 1 / 20 and 25 bodies	1E399535132
				NPS 1-1/2 and 2 / DN 40 and 50 bodies	1P786035132
Key	Description	Part Number		316 Stainless steel, NACE	
-	•			NPS 1/4 body	1E393235072
	Parts Kit (Included are keys 3, 4, 10, 12 and			NPS 1/2 / DN 15 body	1E396235072
	19 (for All Metal Trim only))			NPS 3/4 and 1 / DN 20 and 25 bodies	1E399535072
	Types 95H and 95HP				
	For Brass and Neoprene (CR) Trim,			NPS 1-1/2 and 2 / DN 40 and 50 bodies	1P7860X00A2
	NPS 1/4 body	R95HX000012		NPS 1-1/2 and 2 / DN 40 and 50 bodies, NACE	1P7860X00A2
	NPS 1/2 / DN 15 body	R95HX000012	4*		Following Table
			5	Valve Plug Guide	
	NPS 3/4 and 1 / DN 20 and 25 bodies	R95HX000032		NPS 1/4 body	1E391814012
	For 416 Stainless steel and Neoprene (CR) Tri			NPS 1/2 / DN 15 body	1E395214012
	NPS 1/4 body	R95HX000102		NPS 3/4 and 1 / DN 20 and 25 bodies	1E398214012
	NPS 1/2 / DN 15 body	R95HX000112		NPS 1-1/2 and 2 / DN 40 and 50 bodies	19B9067X022
	NPS 3/4 and 1 / DN 20 and 25 bodies	R95HX000122		416 Stainless steel	
	NPS 1-1/2 and 2 / DN 40 and 50 bodies	R95HX000042		NPS 1/4 body	1E391835132
	For All Metal Trim,			NPS 1/2 / DN 15 body	1E395235132
	NPS 1/4 body	R95HX000052		NPS 3/4 and 1 / DN 20 and 25 bodies	1E398235132
	NPS 1/2 / DN 15 body	R95HX000062			
	NPS 3/4 and 1 / DN 20 and 25 bodies	R95HX000072		NPS 1-1/2 and 2 / DN 40 and 50 bodies	19B9067X012
	NPS 1-1/2 and 2 / DN 40 and 50 bodies	R95HX000072		316 Stainless steel, NACE	.=
	Extra parts for NPS 1-1/2 and 2 /	1193117000002		NPS 1/4 body	1E391835072
	•			NPS 1/2 / DN 15 body	1E395235072
	DN 40 and 50 bodies			NPS 3/4 and 1 / DN 20 and 25 bodies	1E398235072
	include keys 47, 51 and 52			NPS 1-1/2 and 2 / DN 40 and 50 bodies	19B9067X102
	Type 95L			304 Stainless steel	
	For Brass and Neoprene (CR) Trim,			NPS 1-1/2 and 2 / DN 40 and 50 bodies	
	NPS 1/4 body	R95LX000012		Type 95H	19B9067X092
	NPS 1/2 / DN 15 body	R95LX000022		Type 95HP/HT	19B9067X012
	NPS 3/4 and 1 / DN 20 and 25 bodies	R95LX000032	6	Stem Assembly	
	For 416 Stainless steel and Neoprene (CR) Tri	m,	·	416 Stainless steel	
	NPS 1/4 body	R95LX000102		NPS 1/4 body	1F2113000A2
	NPS 1/2 / DN 15 body	R95LX000112		NPS 1/2 / DN 15 body	1F2114000A2
	NPS 3/4 and 1 / DN 20 and 25 bodies	R95LX000122		NPS 3/4 and 1 / DN 20 and 25 bodies	
	For All Metal Trim, Trim 1 or 4A				1F2115000A2
	NPS 1/4 body	R95LX000042		316 Stainless steel	45044000000
	NPS 1/2 / DN 15 body	R95LX000052		NPS 1/4 body	1F2113000C2
	NPS 3/4 and 1 / DN 20 and 25 bodies	R95LX000052		NPS 1/2 body	1F2114000C2
		K93LX000062		NPS 3/4 and 1	1F2115000C2
	Type 95HT, All Metal Trim,	DOELITY/20242		316 Stainless steel, NACE	
	NPS 1/4 body	R95HTX00012		NPS 1/2 / DN 15 body	1F2114X0082
	NPS 1/2 / DN 15 body	R95HTX00022		NPS 3/4 and 1 / DN 20 and 25 bodies	1F2115000C2
	NPS 3/4 and 1 / DN 20 and 25 bodies	R95HTX00032	6	Stem	
	NPS 1-1/2 and 2 / DN 40 and 50 bodies	R95HTX00042		416 Stainless steel	
1	Regulator Body Se	e Following Table		NPS 1-1/2 and 2 / DN 40 and 50 bodies	1P785335232
2	Spring Case Se	e Following Table		316 Stainless steel, NACE	
		-		NPS 1-1/2 and 2 / DN 40 and 50 bodies	1P7853X00A2
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^{*}Recommended spare parts

Key 1, Regulator Body Part Numbers

			L						
BODY SIZE, NPS / DN	Cast Iron		Sto	eel		Stainless Steel			
NF3/DN	NPT	NPT	SWE	CL150	CL300	NPT	SWE	CL150	CL300
				TY	/PE 95L	•			
1/4	1E391119012	1J127722012				1J127733092			
1/2 / 15	2E394519012	2L908022012	2P518522012	2V5673X0022	20A4569X012	2L908033092	2P5185X0012	2V5673X0012	20A4569X022
3/4 / 20	2E397419012	2E863722012	2K632722012	2V4262X0012	20A3088X012	2E863733092	2K632733092	2V4262X0022	20A3088X032
1 / 25	2E397519012	2E863822012	2H160622012	2V3546X00A2	2U7969X0022	2E863833092	2H1606X00A2	2V3546X0012	2U7969X0092
				TY	PE 95H	•			
1/4	1E391019012	1J127322012				1J127333092			
1/2 / 15	1E394319012	2L907722012	2N693922012	16A6787X012	12B5376X012	2L907733092	2N6939X0012	16A6787X022	12B5376X022
3/4 / 20	2E397219012	2E408422012	2H852022012	2V9941X0012	20A4013X012	2E408433092	2H8520X00A2	2V9941X0032	20A4013X022
1 / 25	2E397319012	2E408522012	2F485522012	2V3879X00A2	2V3944X0012	2E408533092	2F4855X0012	2V3879X0012	2V3944X0042
1-1/2 / 40	3P784319012	3P784322012	3V388022012	1V4939X0012	2V3881X0012	3P784333092	3V388033092	1V4939X0032	2V3881X0062
2 / 50	3P784219012	3P784222012	3V279622012	2V5703X0012	20A1091X012	3P784233092	3V2796X0012	2V5703X0032	20A1091X022
				TY	PE 95HP	•			
1/4		1J127322012				1J127333092			
1/2 / 15		2L907722012	2N693922012	16A6787X012	12B5376X012	2L907733092	2N6939X0012	16A6787X022	12B5376X022
3/4 / 20		2E408422012	2H852022012	2V9941X0012	20A4013X012	2E408433092	2H8520X00A2	2V9941X0032	20A4013X022
1 / 25		2E408522012	2F485522012	2V3879X00A2	2V3944X0012	2E408533092	2F4855X0012	2V3879X0012	2V3944X0042
1-1/2 / 40		3P784322012	3V388022012	1V4939X0012	2V3881X0012	3P784333092	3V388033092	1V4939X0032	2V3881X0062
2 / 50		3P784222012	3V279622012	2V5703X0012	20A1091X012	3P784233092	3V2796X0012	2V5703X0032	20A1091X022
				TY	PE 95HT				
1/4		1J127322012				1J127333092			
1/2 / 15		2L907722012	2N693922012	16A6787X012	12B5376X012	2L907733092	2N6939X0012	16A6787X022	12B5376X022
3/4 / 20		2E408422012	2H852022012	2V9941X0012	20A4013X012	2E408433092	2H8520X00A2	2V9941X0032	20A4013X022
1 / 25		2E408522012	2F485522012	2V3879X00A2	2V3944X0012	2E408533092	2F4855X0012	2V3879X0012	2V3944X0042
1-1/2 / 40		3P784322012	3V388022012	1V4939X0012	2V3881X0012	3P784333092	3V388033092	1V4939X0032	2V3881X0062
2 / 50		3P784222012	3V279622012	2V5703X0012	20A1091X012	3P784233092	3V2796X0012	2V5703X0032	20A1091X022

Key	Description	Part Number	Key	Description	Part Number
6 7	Stem (continued) 304 Stainless steel NPS 1-1/2 and 2 / DN 40 and 50 Stem Guide Bushing 416 Stainless steel	1P785335042	8	Lower Spring Seat (continued) Types 95HP and 95HT only NPS 1/4 body NPS 1/2 / DN 15 body NPS 3/4 and 1 / DN 20 and 25 bodies	14B9947X012 14B9948X012 17B8733X012
	NPS 1/4 and 1/2 / DN 15 bodies NPS 3/4 and 1 / DN 20 and 25 bodies NPS 1-1/2 and 2 / DN 40 and 50 bodies 304 Stainless steel	1E392235132 1E398535132 1P785435132	9	NPS 1-1/2 and 2 / DN 40 and 50 bodies Upper Spring Seat, Steel Types 95L and 95H only NPS 1/4 body	1P787724152 1B798525062
	NPS 1-1/2 and 2 / DN 40 and 50 bodies 316 Stainless steel, NACE NPS 1/4 and 1/2 / DN 15 bodies NPS 3/4 and 1 / DN 20 and 25 bodies	1P785435042 1E392235072 1E398535072		NPS 1/2 / DN 15 body NPS 3/4 and 1 / 20 and 25 bodies NPS 1-1/2 and 2 body / 40 and 50 bodies Types 95HP and 95HT only	1D667125072 1E398725072 1P787624092
8	NPS 1-1/2 and 2 / DN 40 and 50 bodies Lower Spring Seat Type 95H only NPS 1/4 body NPS 1/2 / DN 15 body	1P7854X00A2 1E392309012 1E395408012	10	NPS 1/4 body NPS 1/2 / DN 15 body NPS 3/4 and 1 / DN 20 and 25 bodies NPS 1-1/2 and 2 / DN 40 and 50 bodies Valve Plug Spring	14B9950X012 14B9951X012 14B9952X012 1P787624092
	NPS 3/4 and 1 / DN 20 and 25 bodies NPS 1-1/2 and 2 / DN 40 and 50 bodies	1E393400012 1E398608012 1P787724152	10	NPS 1/4 body NPS 1/2 / DN 15 body NPS 3/4 and 1 / DN 20 and 25 bodies NPS 1-1/2 and 2 / DN 40 and 50 bodies	1E392437022 1E395537022 1E398837022 1P785837012



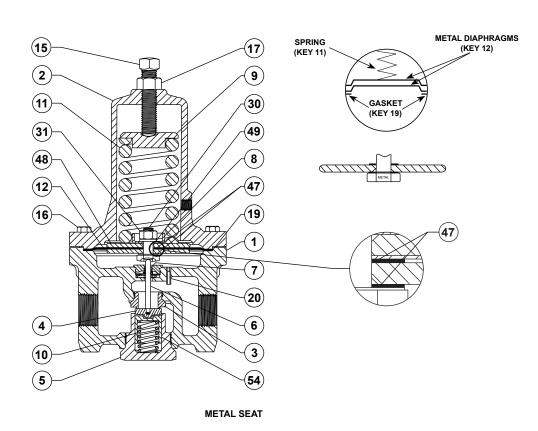


Figure 5. 95H Series, NPS 1-1/2 and 2 / DN 40 and 50 Sizes Assemblies (Also Typical of 95HT)

Key 2, Spring Case Part Numbers

BODY SIZE,	VENT STYLE		TYPE 95L		TYPE 95H			
NPS / DN	VENI SITLE	Cast Iron Steel S		Stainless Steel	Cast Iron	Steel	Stainless Steel	
1/4	Drilled	2E391319012	2J127922012	2J1279X0022	2E391219012	2J127522012	2J1275X0012	
1/4	Tapped		2L442822012	2L4428X0012	2L442919012	2L443022012	2L4430X0012	
1/2 / 15	Drilled	3J496319012	3L416122012	3L4161X0022	2J496219012	2L416322012	2L416333092	
1/2 / 15	Tapped	3L442119012	3L442222012	3L4422X0012	2L441919012		2L4420X0012	
3/4 or 1 / 20 or 25	Drilled	4E397919012	4E592922012	4E592933092	3E397819012	3E408722012	3E4087X0012	
3/4 01 1 / 20 01 25	Tapped	4L461019012	4L460922012	4L4609X0032	3L460819012	3L460722012	3L4607X0022	
1-1/2 or 2 / 40 or 50	Tapped				4P784019012	3P790422012	3P7904X0012	

Key	Description	Part Number	Key	Description	Part Number
10	Valve Plug Spring (continued)		16	Cap Screw, Steel (continued)	
	NACE, Inconel®			Types 95HP and 95HT	
	NPS 1/4 body	19A2862X012		NPS 1/4 body (6 required)	1A3917X0132
	NPS 1/2 / DN 15 body	19A2861X012		NPS 1/2 / DN 15 body (8 required)	1A3816X0242
	NPS 3/4 and 1 / DN 20 and 25 bodies	1P8443X0012		NPS 3/4 and 1 / DN 20 and 25 bodies	
	NPS 1-1/2 and 2 / DN 40 and 50 bodies	19A7371X012		(8 required)	1A3418X0362
11	Regulator Spring	See Following Table		NPS 1-1/2 and 2 / DN 40 and 50 bodies	44/500 43/0000
12*	Diaphragm	See Following Table	4-	(8 required)	1K5684X0222
14	Diaphragm Protector, PTFE		17	Locknut, Steel	4 4 2 5 2 2 2 4 4 2 2
	NPS 1/4 body	11A5126X012		NPS 1/4 body NPS 1/2 / DN 15 body	1A352224122 1A353724122
	Type 95L Type 95H	11A5129X012		NPS 1/2 / DN 15 body NPS 3/4 and 1 / DN 20 and 25 bodies	1A333724122 1A319224122
	NPS 1/2 / DN 15 body	11431297012		NPS 1-1/2 and 2 / DN 40 and 50 bodies	1A368124112
	Type 95L	11A5127X012	18	Drive Screw, Stainless steel (2 required)	1A368228982
	Type 95H	11A5130X012	19*	Diaphragm Gasket, Types 95L and 95H	1/3000220302
	NPS 3/4 and 1 / DN 20 and 25 bodies	117/01007/012	10	use composition, Type 95HT uses graphite	
	Type 95L	11A5128X012		(Use with metal diaphragm)	
	Type 95H	11A5131X012		NPS 1/4 body	
	NPS 1-1/2 and 2			Type 95L	1E394004022
	Type 95H	11A5527X012		Type 95H	1E393104022
15	Adjusting Screw, Steel			Type 95HT	1E3931X0012
	NPS 1/4 body	1E639928992		NPS 1/2 / DN 15 body	
	NPS 1/2 / DN 15 body	1D995448702		Type 95L	1E397004022
	NPS 1/2 / DN 15 body with handwheel	1J496428982		Type 95H	1E396104022
	NPS 3/4 and 1 / DN 20 and 25 bodies	1A330828982		Type 95HT	1E3961X0012
	NPS 1-1/2 and 2 / DN 40 and 50 bodies	1A680128992		NPS 3/4 and 1 / DN 20 and 25 bodies	
16	Cap Screw, Steel			Type 95L	1E390404022
	Type 95L			Type 95H	1E399304022
	NPS 1/4 body (10 required)	1A407824052		Type 95HT	1E3993X0012
	NPS 1/2 / DN 15 body (10 required)	1A381624052		NPS 1-1/2 and 2 / DN 40 and 50 bodies	40707004000
	NPS 3/4 and 1 / DN 20 and 25 bodies	44000004050		Type 95H	1P787904022
	(12 required) Type 95H	1A336924052	20	Type 95HT Pitot Tube	1P7879X0012
	Cast iron bodies		20	NPS 3/4 and 1 / DN 20 and 25 bodies	
	NPS 1/4 body (6 required)	1A407824052		Copper (Types 95L and 95H only)	1E399417012
	NPS 1/2 / DN 15 body (8 required)	1A381624052		304 Stainless steel	1E399438072
	NPS 3/4 and 1 / DN 20 and 25 bodies	1/301024032		316 Stainless steel. NACE	1E399438092
	(8 required)	1A336924052		NPS 1-1/2 and 2 / DN 40 and 50 bodies	12000400002
	NPS 1-1/2 and 2 / DN 40 and 50 bodies			Copper (Types 95L and 95H only)	1P7856X0032
	(8 required)	1K568428982		304 Stainless steel	1P785638072
	Steel or Stainless steel bodies			316 Stainless steel, NACE	1P7856X0012
	NPS 1/4 body (6 required)	1A391724052	21	Diaphragm Head Assembly, Type 95L only	
	NPS 1/2 / DN 15 body (8 required)	1A381624052		Aluminum and Stainless steel	
	NPS 3/4 and 1 / DN 20 and 25 bodies			NPS 1/4 body	1E3936X0012
	(8 required)	1A341824052		NPS 1/2 / DN 15 body	1E3967X0012
	NPS 1-1/2 and 2 / DN 40 and 50 bodies			NPS 3/4 and 1 / DN 20 and 25 bodies	1E3907X0012
	(8 required)	1K568428982			

^{*}Recommended spare parts Inconel® is a mark owned by Special Metals Corporation.

Key 2, Spring Case Part Numbers (continued)

BODY SIZE,	VENT STYLE	TYPE	95HP	TYPE 95HT		
NPS / DN	VENI SITLE	Steel	Stainless Steel	Steel	Stainless Steel	
1/4	Drilled	2J127522012	2J1275X0012	2J127522012	2J1275X0012	
1/4	Tapped	2L443022012	2L4430X0012	2L443022012	2L4430X0012	
4/0 / 45	Drilled	2L416322012	2L416333092	2L416322012	2L416333092	
1/2 / 15	Tapped		2L4420X0012		2L4420X0012	
3/4 or 1 / 20 or 25	Drilled	3E408722012	3E4087X0012	3E408722012	3E4087X0012	
3/4 OF 1 / 20 OF 25	Tapped	3L460722012	3L4607X0022	3L460722012	3L4607X0022	
1-1/2 or 2 / 40 or 50	Tapped	3P790422012	3P7904X0012	3P790422012	3P7904X0012	

Key	Description	Part Number	Key	Description	Part Number
22	Adjusting Screw Assembly		48	Diaphragm Head (2 required)	
	Steel (for tee-handle construction)			Type 95H,	
	NPS 1/4 body	1F2236000A2		Steel	1P788225012
	NPS 3/4 and 1 / DN 20 and 25 bodies	1F2238000A2		Stainless steel	1P788235072
	NPS 1-1/2 and 2 / DN 40 and 50 bodies	1V4372X0012		Types 95HP and 95HT, Stainless steel	1P788235072
23	Handwheel, Zinc (NPS 1/2 / DN 15 body)	1J496144012	49	Lockwasher, Steel	1A487828992
24	Machine Screw, Steel (handwheel construction)	16A5763X012	50	Packing Follower	
25	Lockwasher, Steel (handwheel construction)	1A352332992		416 Stainless steel	1P785535232
	The following parts are for the NPS 1-1/2 and 2 /			316 Stainless steel, NACE	1P7855X00A2
	DN 40 and 50 Types 95H, 95HP and 95HT only			304 Stainless steel	1P785535042
30	Pusher Post, Stainless steel		51*	O-ring, PTFE	1P785906242
	Elastomer seat, 416 Stainless steel	1P784935132	52	Spring, Stainless steel	1P785737012
	Metal seat,		54	Inner Valve Base	
	416 Stainless steel	1P785135132		416 Stainless steel	1U404046172
	304 Stainless steel	1P785135042		316 Stainless steel, NACE	1U4040X00A2
	316 Stainless steel	1P7851X0012		304 Stainless steel	1U404035042
	316 Stainless steel, NACE	1P7849X00A2	56	NACE Tag	
31	Locknut, Steel	1P788724122	57	Tag Wire	
45*	O-ring, Nitrile (NBR) (Use with				
	Neoprene (CR) diaphragm)	1C782206992			
47*	Diaphragm Gasket				
	Use with metal diaphragm (2 required)				
	Type 95H (NPS 1-1/2 to 2 / DN 40 to 50 only),				
	Composition	1P788004022			
	Type 95HT (NPS 1-1/2 to 2 / DN 40 to 50 only),				
	Graphite	1P7880X0012			

^{*}Recommended spare parts

Key 4, Valve Plug Part Numbers

VALVE PLUG MATERIAL	BODY SIZE, NPS / DN				
	1/4	1/2 / 15	3/4 and 1 / 20 and 25	1-1/2 and 2 / 40 and 50	
	Metal Se	at (Types 95L, 95H and 95HT)		
416 SST	1E391746172	1E395146172	1E398146172	1U403746172	
316 SST	1E391735162	1E395135072	1E398135072	1U4037X0012	
304 SST				1U403735042	
Brass		1E395146222	1E398146222	1U403746172	
	Elastomer	Seat (Types 95L, 95H and 95H	HP)		
Brass/Neoprene (CR)	1E3933000C2	1E3963000A2	1E3996000A2	1U4039X0052	
416 SST/Neoprene (CR)	1E3933000E2	1E3963000B2	1E3996000B2		
316 SST/FKM	1E3933X0242	1E3963X0192	1E3996X0342	1U4039X0182	
316 SST/Neoprene (CR) (NACE)	1E3933X0012	1E3963X0012	1E3996X0012	1U4039X0082	
416 SST/EPDM		1E3963X0182			
416 SST/Nitrile (NBR)				1U4039000A2	
Brass/FKM	1E3933X0082	1E3963X0072	1E3996X0072		
416 SST/FKM	1E3933X0102	1E3963X0092	1E3996X0092	1U4039X00A2	
316 SST/FKM (NACE)	1E3933X0092	1E3963X0082	1E3996X0082	1U4039X0102	
Brass		1E3963X00A2			
Brass/PTFE	1E3933X0032	1E3963X0022	1E3996X0022		
416 SST/PTFE	1E3933000A2	1E3963000D2	1E3996000E2		
316 SST/PTFE	1E3933X0022	1E3963X00B2	1E3996000D2	1U4039X00B2	

Key 11, Regulator Spring Part Numbers

TYPE	BODY SIZE,	OUTLET PRESSURE RANGE		SPRING PART	221.22
	NPS / DN	psig	bar	NUMBER	COLOR
95L	1/4	2 to 6 5 to 15 13 to 30	0.14 to 0.41 0.34 to 1.0 0.90 to 2.1	1E392527022 1E392627012 1E392727142	Yellow Green Red
	1/2 / 15	2 to 6 5 to 15 13 to 30	0.14 to 0.41 0.34 to 1.0 0.90 to 2.1	1E395627022 1D7455T0012 1E395727192	Yellow Green Red
	3/4, 1 / 20, 25	2 to 6 5 to 15 13 to 30	0.14 to 0.41 0.34 to 1.0 0.90 to 2.1	1E398927022 1E399027142 1E399127162	Yellow Green Red
95H	1/4	15 to 30 25 to 75 70 to 150	1.0 to 2.1 1.7 to 5.2 4.8 to 10.3	1E392527022 1E392627012 1E392727142	Yellow Green Red
	1/2 / 15	15 to 30 25 to 75 70 to 150	1.0 to 2.1 1.7 to 5.2 4.8 to 10.3	1E395627022 1D7455T0012 1E395727192	Yellow Green Red
	3/4, 1 / 20, 25	15 to 30 25 to 75 70 to 150	1.0 to 2.1 1.7 to 5.1 4.8 to 10.3	1E398927022 1E399027142 1E399127162	Yellow Green Red
	1-1/2, 2 / 40, 50	5 to 80 60 to 120 100 to 140 120 to 150	0.34 to 5.5 4.1 to 8.3 6.9 to 9.7 8.3 to 10.3	1E795327082 1E795427082 1E793327082 1P788827082	Light Blue Light Gray Yellow Black

Key 11, Regulator Spring Part Numbers (continued)

TYPE	BODY SIZE,	OUTLET PRESSURE RANGE		SPRING PART	201.00
	NPS / DN	psig	bar	NUMBER	COLOR
95HT ·	1/4	15 to 100 80 to 300	1.0 to 6.9 5.5 to 20.7	14B9941X012 14B9940X012	Unpainted Unpainted
	1/2 / 15	15 to 100 80 to 300	1.0 to 6.9 5.5 to 20.7	14B9943X012 14B9942X022	Unpainted Unpainted
	3/4, 1 / 20, 25	15 to 100 80 to 300	1.0 to 6.9 5.5 to 20.7	14B9944X022 14B9945X022	Unpainted Unpainted
	1-1/2, 2 / 40, 50	15 to 100 60 to 260	1.0 to 6.9 4.1 to 17.9	17B1704X012 17B1705X012	Unpainted Unpainted
95HP —	1/4	15 to 100 80 to 400	1.0 to 6.9 5.5 to 27.6	14B9941X012 14B9940X012	Unpainted Unpainted
	1/2 / 15	15 to 100 80 to 400	1.0 to 6.9 5.5 to 27.6	14B9943X012 14B9942X022	Unpainted Unpainted
	3/4, 1 / 20, 25	15 to 100 80 to 400	1.0 to 6.9 5.5 to 27.6	14B9944X022 14B9945X022	Unpainted Unpainted
	1-1/2, 2 / 40, 50	15 to 100 60 to 300	1.0 to 6.9 4.1 to 20.7	17B1704X012 17B1705X012	Unpainted Unpainted

Key 12, Diaphragm Part Numbers

DODY 0175	DIAPHRAGM MATERIAL				
BODY SIZE, NPS / DN	302 Stainless Steel (2 Required)	Neoprene (CR)	Fluorocarbon (FKM) (2 Required)	Monel® (2 Required)	
		TYPE 95L			
1/4	1E393936012 ⁽¹⁾	1E394102112	1E394102402 ⁽²⁾	1E393941012	
1/2 / 15	1E396936012	1E397102112	1E397102402	1E396941012	
3/4 and 1 / 20 and 25	1E390536012	1E390302112	1E390302332	1E390541012	
		TYPE 95H			
1/4	1E392836012	1E393502112	1E393502402 ⁽²⁾	1E392841012	
1/2 / 15	1E395836012	1E396602112	1E396602402	1E395841012	
3/4 and 1 / 20 and 25	1E399236012	1E399902112	1E399902402	1E399241012	
1-1/2 and 2 / 40 and 50	1P787836012	1P788102192	11A1347X012	1P7878X00A2	
		TYPE 95HP			
1/4		1E393502112	1E393502402 ⁽²⁾		
1/2 / 15		1E396602112	1E396602402		
3/4 and 1 / 20 and 25		1E399902112	1E399902402		
1-1/2 and 2 / 40 and 50		1P788102192	11A1347X012		
		TYPE 95HT			
1/4	1E392836012				
1/2 / 15	1E395836012				
3/4 and 1 / 20 and 25	1E399236012				
1-1/2 and 2 / 40 and 50	1P787836012				

Only one diaphragm required for Type 95L with
 Only one diaphragm required for NPS 1/4 size.

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