

# Type 526

Flanged Safety Relief Valves  
– spring loaded  
Metric + US Units



# Q

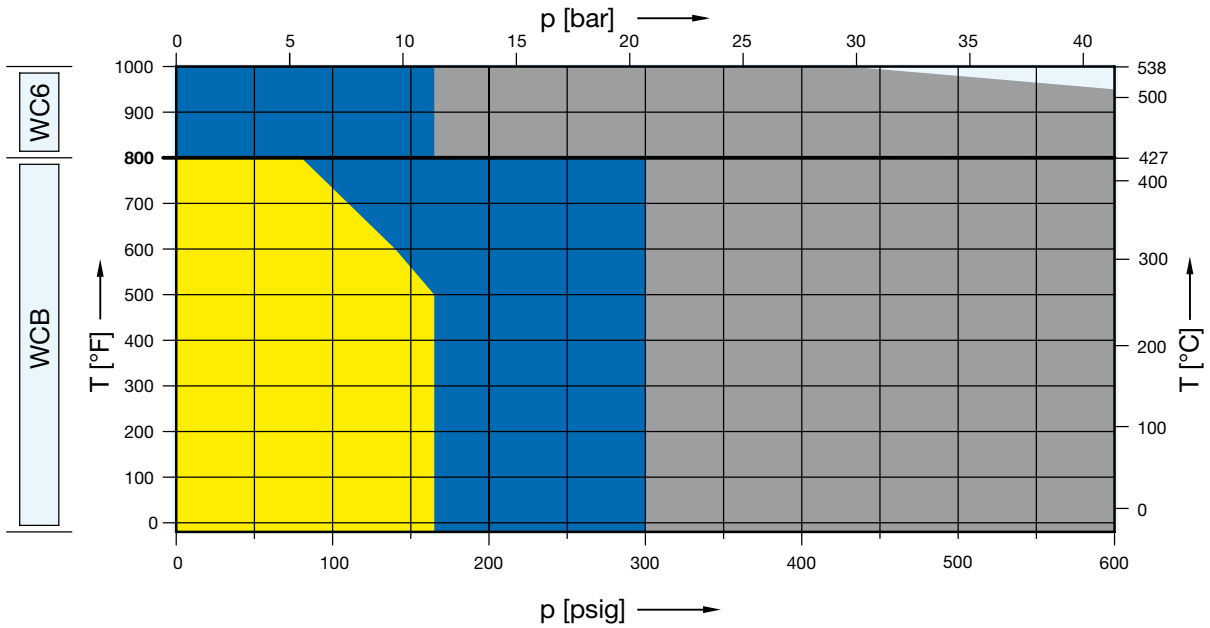
## Facts

**LESER**

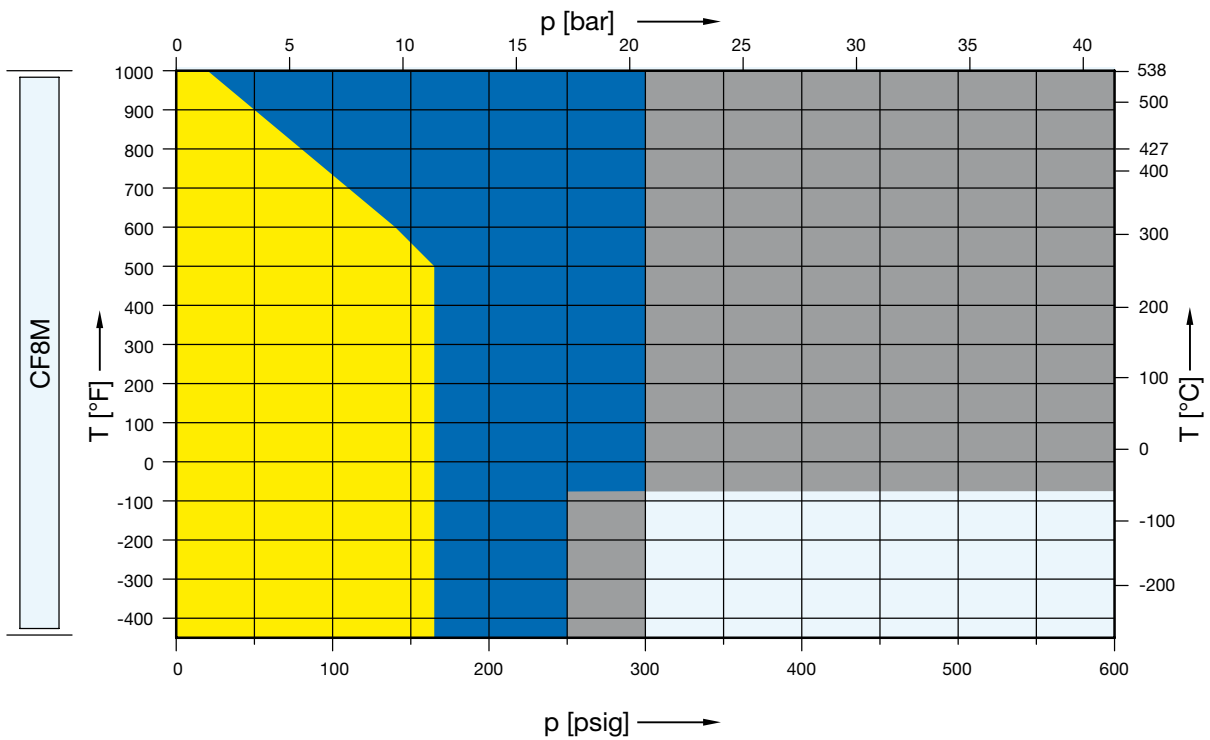
[The-Safety-Valve.com](http://The-Safety-Valve.com)

## Type 526 Orifice Q Selection charts

	150 x 150	300L x 150	300 x 150	600 x 150	900 x 150	1500 x 150	2500 x 300
WCB	5262.657X	See 300 x 150	5262.658X	5262.659X	-	-	-
WC6	-	See 300 x 150	5267.660X	5267.661X	-	-	-



	150 x 150	300L x 150	300 x 150	600 x 150	900 x 150	1500 x 150	2500 x 300
CF8M	5264.662X	See 300 x 150	5264.663X	5264.664X	-	-	-



For set pressures exceeding the limits of API 526 see pressure temperature ratings on page 68 and 69.

## Type 526

### Orifice Q

Article numbers, dimensions and weights

#### Article numbers

Valve size	6 Q 8	6 Q 8	6 Q 8	6 Q 8
Flange rating class <small>Inlet x Outlet</small>	150 x 150	300L x 150	300 x 150	600 x 150
Actual Orifice diameter $d_0$ [mm]	105.5	105.5	105.5	105.5
Actual Orifice area $A_0$ [mm <sup>2</sup> ]	8742	8742	8742	8742
<b>Body material</b>				
WCB 1.0619	Art. No. <b>5262.657<sup>Q</sup></b>	Use 6 Q 8 300 x 150	<b>5262.658<sup>Q</sup></b>	<b>5262.659<sup>Q</sup></b>
CF8M 1.4408	Art. No. <b>5264.662<sup>Q</sup></b>		<b>5264.663<sup>Q</sup></b>	<b>5264.664<sup>Q</sup></b>
WC6 1.7357	Art. No. <b>-</b>		<b>5267.660<sup>Q</sup></b>	<b>5267.661<sup>Q</sup></b>
LCB	Art. No. <b>5263.559<sup>Q</sup></b>		<b>5263.560<sup>Q</sup></b>	<b>5263.561<sup>Q</sup></b>

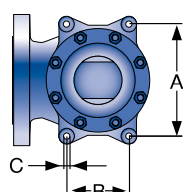
<sup>Q</sup> Please add code for the required cap or lifting device. See below.

#### Dimensions and weights

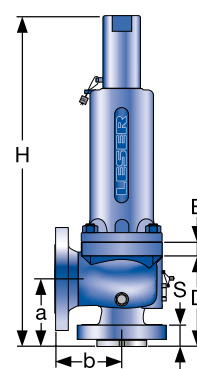
Metric units					
<b>Weight</b> [kg]		221	Use 6 Q 8 300 x 150	221	221
	with bellows	230		230	230
<b>Center to face</b> [mm]	Inlet a	240		240	240
	Outlet b	241		241	241
	s	68		68	68
<b>Height (H4)</b> [mm]	Standard H max.	1120		1120	1120 <sup>1)</sup>
	Bellows H max.	1200	1200	1200 <sup>2)</sup>	
<b>Support brackets</b> [mm]	A	370	370	370	
	B	210	210	210	
	C	Ø 18	Ø 18	Ø 18	
	D	346	346	346	
	E	25	25	25	
US units					
<b>Weight</b> [lbs]		487.3	Use 6 Q 8 300 x 150	487.3	487.3
	with bellows	507.2		507.2	507.2
<b>Center to face</b> [inch]	Inlet a	9 <sup>7</sup> / <sub>16</sub>		9 <sup>7</sup> / <sub>16</sub>	9 <sup>7</sup> / <sub>16</sub>
	Outlet b	9 <sup>1</sup> / <sub>2</sub>		9 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>2</sub>
	s	2 <sup>11</sup> / <sub>16</sub>		2 <sup>11</sup> / <sub>16</sub>	2 <sup>11</sup> / <sub>16</sub>
<b>Height (H4)</b> [inch]	Standard H max.	44 <sup>1</sup> / <sub>8</sub>		44 <sup>1</sup> / <sub>8</sub>	44 <sup>1</sup> / <sub>8</sub> <sup>1)</sup>
	Bellows H max.	47 <sup>1</sup> / <sub>4</sub>	47 <sup>1</sup> / <sub>4</sub>	47 <sup>1</sup> / <sub>4</sub> <sup>2)</sup>	
<b>Support brackets</b> [inch]	A	14 <sup>9</sup> / <sub>16</sub>	14 <sup>9</sup> / <sub>16</sub>	14 <sup>9</sup> / <sub>16</sub>	
	B	8 <sup>9</sup> / <sub>32</sub>	8 <sup>9</sup> / <sub>32</sub>	8 <sup>9</sup> / <sub>32</sub>	
	C	Ø <sup>23</sup> / <sub>32</sub>	Ø <sup>23</sup> / <sub>32</sub>	Ø <sup>23</sup> / <sub>32</sub>	
	D	13 <sup>5</sup> / <sub>8</sub>	13 <sup>5</sup> / <sub>8</sub>	13 <sup>5</sup> / <sub>8</sub>	
	E	<sup>31</sup> / <sub>32</sub>	<sup>31</sup> / <sub>32</sub>	<sup>31</sup> / <sub>32</sub>	

#### <sup>Q</sup> Code for lifting device

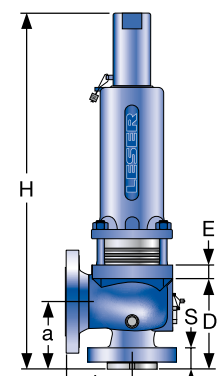
Lifting device	H2	H3	H4	H3
Bonnet	closed	closed	closed	open
WCB 1.0619, WC6 1.7357, LCB	2	3	4	5
CF8M 1.4408	2	-	4	-



Support brackets



Conventional design



Balanced bellows design

<sup>1)</sup> Type 526 high pressure design: 1202 mm / 47 <sup>5</sup>/<sub>16</sub> inch

<sup>2)</sup> Type 526 high pressure design: 1282 mm / 50 <sup>1</sup>/<sub>2</sub> inch

## Type 526

### Orifice Q

#### Pressure temperature ratings

#### Metric units

Valve size	6 Q 8	6 Q 8	6 Q 8	6 Q 8	
Flange rating class <small>Inlet x Outlet</small>	150 x 150	300L x 150	300 x 150	600 x 150	
Actual Orifice diameter $d_0$ [mm]	105.5	105.5	105.5	105.5	
Actual Orifice area $A_0$ [mm <sup>2</sup> ]	8742	8742	8742	8742	
Minimum set pressure [bar] S/G/L	0.2	0.2	0.2	0.2	
Minimum set pressure [bar] S/G	1.3	1.3	1.3	1.3	
Balanced bellows Inconel [bar] L	2.3	2.3	2.3	2.3	
<b>Body material: WCB 1.0619</b>		<b>Pressure range p [bar] S/G/L</b>			
<b>Article numbers</b>	<b>5262.657<sup>□</sup></b>	Use 6 Q 8 300 x 150	<b>5262.658<sup>□</sup></b>	<b>5262.659<sup>□</sup></b>	
<b>Maximum set pressure</b>	-29 to 38 °C		11.4	20.7	41.4 (70)
	232 °C		11.4	20.7	41.4 (70)
	427 °C		5.5	20.7	41.4 (56.9)
<b>Outlet pressure limit</b> Conventional design	7.9		7.9	7.9	7.9
<b>Outlet pressure limit</b> Balanced bellows design	4.8		7.9	7.9	7.9
<b>Body material: CF8M 1.4408</b>		<b>Pressure range p [bar] S/G/L</b>			
<b>Article numbers</b>	<b>5264.662<sup>□</sup></b>	Use 6 Q 8 300 x 150	<b>5264.663<sup>□</sup></b>	<b>5264.664<sup>□</sup></b>	
<b>Maximum set pressure</b>	-268 to -60 °C		11.4	17.2	20.7
	-59 to -29 °C		11.4	20.7	41.4
	-28 to 38 °C		11.4	20.7	41.4
	232 °C		11.4	20.7	41.4
	427 °C		5.5	20.7	41.4
538 °C	1.4		20.7	41.4	
<b>Outlet pressure limit</b> Conventional design	7.9	7.9	7.9	7.9	
<b>Outlet pressure limit</b> Balanced bellows design	4.8	7.9	7.9	7.9	
<b>Body material: WC6 1.7357</b>		<b>Pressure range p [bar] S/G/L</b>			
<b>Article numbers</b>	-	Use 6 Q 8 300 x 150	<b>5267.660<sup>□</sup></b>	<b>5267.661<sup>□</sup></b>	
<b>Maximum set pressure</b>	427 °C		-	11.4	41.4 (70)
	538 °C		-	11.4	29.7 (29.7)
<b>Outlet pressure limit</b> Conventional design	-		7.9	7.9	7.9
<b>Outlet pressure limit</b> Balanced bellows design	-	7.9	7.9	7.9	
<b>Body material: LCB</b>		<b>Pressure range p [bar] S/G/L</b>			
<b>Article numbers</b>	<b>5263.559<sup>□</sup></b>	Use 6 Q 8 300 x 150	<b>5263.560<sup>□</sup></b>	<b>5263.561<sup>□</sup></b>	
<b>Maximum set pressure</b>	-46 to 38 °C		11.4	20.7	41.4 (70)
	200 °C		11.4	20.7	41.4 (70)
	343 °C		8.4	20.7	41.4 (70)
<b>Outlet pressure limit</b> Conventional design	7.9		7.9	7.9	7.9
<b>Outlet pressure limit</b> Balanced bellows design	4.8	7.9	7.9	7.9	

<sup>□</sup>) Please add code for the required cap or lifting device. See page 13.

( ) = maximum set pressure of Type 526 high pressure design (Option code Z90)

Remark: SA 352 Gr. LCB is not listed in the API 526. Pressure-Temperature Rating acc. to ASME B16.34 Table 2-1.3  
The stated Pressure-Temperature Rating are taken from ASME B16.34 Table 2-1.3 if the maximum pressure is not limited by API 526.

Due to the extended material test certificate the LESER LCB can be applied as LCC, WCB, WCC and 1.0619 with the respective pressure-temperature range as well.

## Type 526

### Orifice Q

#### Pressure temperature ratings

#### US units

Valve size	6 Q 8	6 Q 8	6 Q 8	6 Q 8	
Flange rating class <small>Inlet x Outlet</small>	150 x 150	300L x 150	300 x 150	600 x 150	
Actual Orifice diameter $d_0$ [inch]	4.15	4.15	4.15	4.15	
Actual Orifice area $A_0$ [inch <sup>2</sup> ]	13.55	13.55	13.55	13.55	
Minimum set pressure [psig] S/G/L	3.0	3.0	3.0	3.0	
Minimum set pressure [psig] S/G	18.8	18.8	18.8	18.8	
Balanced bellows Inconel [psig] F	33.4	33.4	33.4	33.4	
<b>Body material: WCB 1.0619</b>		<b>Pressure range p [psig] S/G/L</b>			
<b>Article numbers</b>	<b>5262.657<sup>Ⓜ</sup></b>	Use 6 Q 8 300 x 150	<b>5262.658<sup>Ⓜ</sup></b>	<b>5262.659<sup>Ⓜ</sup></b>	
<b>Maximum set pressure</b>	-20 to 100 °F		165	300	600 (1015)
	450 °F		165	300	600 (1015)
	800 °F		80	300	600 (825)
<b>Outlet pressure limit</b> Conventional design	115		115	115	115
<b>Outlet pressure limit</b> Balanced bellows design	70		115	115	115
<b>Body material: CF8M 1.4408</b>		<b>Pressure range p [psig] S/G/L</b>			
<b>Article numbers</b>	<b>5264.662<sup>Ⓜ</sup></b>	Use 6 Q 8 300 x 150	<b>5264.663<sup>Ⓜ</sup></b>	<b>5264.664<sup>Ⓜ</sup></b>	
<b>Maximum set pressure</b>	-450 to -76 °F		165	250	300
	-75 to -21 °F		165	300	600
	-20 to 100 °F		165	300	600
	450 °F		165	300	600
	800 °F		80	300	600
	1000 °F		20	300	600
<b>Outlet pressure limit</b> Conventional design	115		115	115	115
<b>Outlet pressure limit</b> Balanced bellows design	70	115	115	115	
<b>Body material: WC6 1.7357</b>		<b>Pressure range p [psig] S/G/L</b>			
<b>Article numbers</b>	–	Use 6 Q 8 300 x 150	<b>5267.660<sup>Ⓜ</sup></b>	<b>5267.661<sup>Ⓜ</sup></b>	
<b>Maximum set pressure</b>	800 °F		–	165	600 (1015)
	1000 °F		–	165	430 (430)
<b>Outlet pressure limit</b> Conventional design	–		115	115	115
<b>Outlet pressure limit</b> Balanced bellows design	–		115	115	115
<b>Body material: LCB</b>		<b>Pressure range p [psig] S/G/L</b>			
<b>Article numbers</b>	<b>5263.559<sup>Ⓜ</sup></b>	Use 6 Q 8 300 x 150	<b>5263.560<sup>Ⓜ</sup></b>	<b>5263.561<sup>Ⓜ</sup></b>	
<b>Maximum set pressure</b>	-50 to 100 °F		165	300	600 (1015)
	400 °F		165	300	600 (1015)
	650 °F		125	300	600 (1015)
<b>Outlet pressure limit</b> Conventional design	115		115	115	115
<b>Outlet pressure limit</b> Balanced bellows design	70		115	115	115

<sup>Ⓜ</sup> Please add code for the required cap or lifting device. See page 13.

( ) = maximum set pressure of Type 526 high pressure design (Option code Z90)

Remark: SA 352 Gr. LCB is not listed in the API 526. Pressure-Temperature Rating acc. to ASME B16.34 Table 2-1.3  
The stated Pressure-Temperature Rating are taken from ASME B16.34 Table 2-1.3 if the maximum pressure is not limited by API 526.

Due to the extended material test certificate the LESER LCB can be applied as LCC, WCB, WCC and 1.0619 with the respective pressure-temperature range as well.

## Type 526

### Dimensions

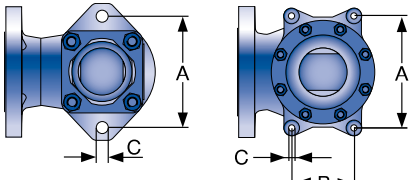
Metric units

Safety valve dimensions		[mm]	a	b	s	H <sub>max.</sub>	H <sub>max.</sub> with bellows	a	b	s	H <sub>max.</sub>	H <sub>max.</sub> with bellows	a	b	s	H <sub>max.</sub>	H <sub>max.</sub> with bellows
Support brackets		[mm]	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
<b>Flange rating class</b>			<b>150 x 150</b>					<b>300L x 150</b>					<b>300 x 150</b>				
<b>Valve size</b>			1 D 2					1 D 2					1 D 2				
<b>D</b>	d <sub>0</sub> [mm]	<b>14.0</b>	105	114	30	440	465	Please see 1 D 2					105	114	30	440	465
	A <sub>0</sub> [mm <sup>2</sup> ]	<b>154</b>	130	–	Ø 14	132	16	300 x 150					130	–	Ø 14	132	16
<b>Valve size</b>			1 E 2					1 E 2					1 E 2				
<b>E</b>	d <sub>0</sub> [mm]	<b>14.0</b>	105	114	30	440	465	Please see 1 E 2					105	114	30	440	465
	A <sub>0</sub> [mm <sup>2</sup> ]	<b>154</b>	130	–	Ø 14	132	16	300 x 150					130	–	Ø 14	132	16
<b>Valve size</b>			1 1/2 F 2					1 1/2 F 2					1 1/2 F 2				
<b>F</b>	d <sub>0</sub> [mm]	<b>18.0</b>	124	121	32	536	561	124	121	32	536	561	124	152	35	536	561
	A <sub>0</sub> [mm <sup>2</sup> ]	<b>254</b>	162	–	Ø 14	148	16	162	–	Ø 14	148	16	162	–	Ø 14	148	16
<b>Valve size</b>			1 1/2 G 3					1 1/2 G 3					1 1/2 G 3				
<b>G</b>	d <sub>0</sub> [mm]	<b>22.5</b>	124	121	32	536	574	124	121	32	536	574	124	152	35	536	574
	A <sub>0</sub> [mm <sup>2</sup> ]	<b>398</b>	162	–	Ø 14	148	16	162	–	Ø 14	148	16	162	–	Ø 14	148	16
<b>Flange rating class</b>			<b>150 x 150</b>					<b>300L x 150</b>					<b>300 x 150</b>				
<b>Valve size</b>			1 1/2 H 3					1 1/2 H 3					2 H 3				
<b>H</b>	d <sub>0</sub> [mm]	<b>28.3</b>	130	124	38	542	580	130	124	38	542	580	130	124	43	666	692
	A <sub>0</sub> [mm <sup>2</sup> ]	<b>629</b>	162	–	Ø 14	155	16	162	–	Ø 14	155	16	184	110	Ø 14	177	16
<b>Valve size</b>			2 J 3					2 J 3					3 J 4				
<b>J</b>	d <sub>0</sub> [mm]	<b>36.0</b>	137	124	49	673	722	137	124	49	673	722	184	181	49	786	824
	A <sub>0</sub> [mm <sup>2</sup> ]	<b>1018</b>	184	110	Ø 14	184	16	184	110	Ø 14	184	16	238	140	Ø 18	234	25
<b>Valve size</b>			3 K 4					3 K 4					3 K 4				
<b>K</b>	WCB, LCB, CF8M (WC6) d <sub>0</sub> [mm]	<b>43.0</b>	156	162	49	758	796	Please see 3 K 4					156	162	49	758	796
	WCB A <sub>0</sub> [mm <sup>2</sup> ]	<b>1452</b>	238	140	Ø 18	206	25	300 x 150					238	140	Ø 18	206	25
<b>Valve size</b>			3 L 4					3 L 4					4 L 6				
<b>L</b>	d <sub>0</sub> [mm]	<b>53.5</b>	156	165	49	758	796	156	165	49	758	796	179	181	49	853	886
	A <sub>0</sub> [mm <sup>2</sup> ]	<b>2248</b>	238	140	Ø 18	206	25	238	140	Ø 18	206	25	278	160	Ø 18	262	25
<b>Valve size</b>			4 M 6					4 M 6					4 M 6				
<b>M</b>	d <sub>0</sub> [mm]	<b>60.3</b>	178	184	48	852	885	Please see 4 M 6					178	184	48	852	885
	A <sub>0</sub> [mm <sup>2</sup> ]	<b>2856</b>	278	160	Ø 18	260	25	300 x 150					278	160	Ø 18	260	25
<b>Valve size</b>			4 N 6					4 N 6					4 N 6				
<b>N</b>	d <sub>0</sub> [mm]	<b>66.0</b>	197	210	48	871	904	Please see 4 N 6					197	210	48	871	904
	A <sub>0</sub> [mm <sup>2</sup> ]	<b>3421</b>	278	160	Ø 18	280	25	300 x 150					278	160	Ø 18	280	25
<b>Valve size</b>			4 P 6					4 P 6					4 P 6				
<b>P</b>	d <sub>0</sub> [mm]	<b>80.0</b>	181	229	48	855	888	181	229	48	855	888	225	254	62	1079	1138
	A <sub>0</sub> [mm <sup>2</sup> ]	<b>5027</b>	278	160	Ø 18	262	25	278	160	Ø 18	262	25	370	210	Ø 18	306	25
<b>Valve size</b>			6 Q 8					6 Q 8					6 Q 8				
<b>Q</b>	d <sub>0</sub> [mm]	<b>105.5</b>	240	241	68	1120	1200	Please see 6 Q 8					240	241	68	1120	1200
	A <sub>0</sub> [mm <sup>2</sup> ]	<b>8742</b>	370	210	Ø 18	346	25	300 x 150					370	210	Ø 18	346	25
<b>Valve size</b>			6 R 8					6 R 8					6 R 10				
<b>R</b>	d <sub>0</sub> [mm]	<b>126.0</b>	240	241	68	1120	1200	240	241	68	1120	1200	240	267	68	1426	1426
	A <sub>0</sub> [mm <sup>2</sup> ]	<b>12568</b>	370	210	Ø 18	346	25	370	210	Ø 18	346	25	470	150	Ø 18	460	25
<b>Valve size</b>			8 T 10					8 T 10					8 T 10				
<b>T</b>	d <sub>0</sub> [mm]	<b>161.5</b>	276	279	62	1462	1462	Please see 8 T 10					276	279	62	1462	1462
	A <sub>0</sub> [mm <sup>2</sup> ]	<b>20485</b>	470	150	Ø 18	497	25	300 x 150					470	150	Ø 18	497	25

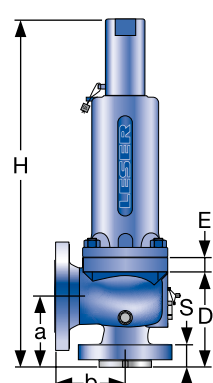
$d_0$  = Actual orifice diameter  
 $A_0$  = Actual orifice area

a	b	s	H <sub>max.</sub>	H <sub>max.</sub> with bellows	a	b	s	H <sub>max.</sub>	H <sub>max.</sub> with bellows	a	b	s	H <sub>max.</sub>	H <sub>max.</sub> with bellows	a	b	s	H <sub>max.</sub>	H <sub>max.</sub> with bellows
A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
<b>600 x 150</b>					<b>900 x 300</b>					<b>1500 x 300</b>					<b>2500 x 300</b>				
1 D 2					1 1/2 D 2					1 1/2 D 2					1 1/2 D 3				
105	114	30	440	465	Please see 1 1/2 D 2					105	140	44	517	542	140	178	57	576	576
130	-	Ø 14	132	16	1500 x 300					162	-	Ø 14	129	16	162	-	Ø 14	189	16
1 E 2					1 1/2 E 2					1 1/2 E 2					1 1/2 E 3				
105	114	30	440	465	Please see 1 1/2 E 2					105	140	44	517	542	140	178	57	576	576
130	-	Ø 14	132	16	1500 x 300					162	-	Ø 14	129	16	162	-	Ø 14	189	16
1 1/2 F 2					1 1/2 F 3					1 1/2 F 3					1 1/2 F 3				
124	152	35	536	561	Please see 1 1/2 F 3					124	165	44	560	560	140	178	57	576	576
162	-	Ø 14	148	16	1500 x 300					162	-	Ø 14	174	16	162	-	Ø 14	189	16
1 1/2 G 3					1 1/2 G 3					2 G 3					2 G 3				
124	152	35	536	574	124	165	44	560	573	156	172	68	688	705	156	172	68	688	705
162	-	Ø 14	148	16	162	-	Ø 14	174	16	184	110	Ø 14	198	16	184	110	Ø 14	198	16
<b>600 x 150</b>					<b>900 x 150</b>					<b>1500 x 300</b>									
2 H 3					2 H 3					2 H 3									
154	162	56	691	717	154	162	56	691	717	154	162	56	691	717					
184	110	Ø 14	202	16	184	110	Ø 14	202	16	184	110	Ø 14	202	16					
3 J 4					3 J 4					3 J 4									
184	181	49	786	824	184	181	65	786	824	184	181	65	786	824					
238	140	Ø 18	234	25	238	140	Ø 18	234	25	238	140	Ø 18	234	25					
3 K 4					3 K 6					3 K 6									
184	181	49	786	824	198	216	67	880	880	197	216	65	879	879					
238	140	Ø 18	234	25	278	160	Ø 18	288	25	278	160	Ø 18	287	25					
156	162	49	758	796															
238	140	Ø 18	206	25															
<b>600 x 150</b>					<b>900 x 150</b>					<b>1500 x 150</b>									
4 L 6					4 L 6					4 L 6									
179	203	57	853	886	197	222	72	871	904	197	222	72	871	904					
278	160	Ø 18	262	25	278	160	Ø 18	280	25	278	160	Ø 18	280	25					
4 M 6					4 M 6					4 M 6									
178	203	56	852	885	197	222	72	871	904	197	222	72	871	904					
278	160	Ø 18	260	25	278	160	Ø 18	280	25	278	160	Ø 18	280	25					
4 N 6					4 N 6					4 N 6									
197	222	72	871	904	197	222	72	871	904	197	222	72	871	904					
278	160	Ø 18	280	25	278	160	Ø 18	280	25	278	160	Ø 18	280	25					
4 P 6					4 P 6					4 P 6									
225	254	62	1079	1138	225	254	62	1079	1138	225	254	62	1079	1138					
370	210	Ø 18	306	25	370	210	Ø 18	306	25	370	210	Ø 18	306	25					
6 Q 8					6 Q 8					6 Q 8									
240	241	68	1120 <sup>1)</sup>	1200 <sup>2)</sup>															
370	210	Ø 18	346	25															
6 R 10					6 R 10					6 R 10									
240	267	68	1426	1426															
470	150	Ø 18	460	25															
-	-	-	-	-															
-	-	-	-	-															

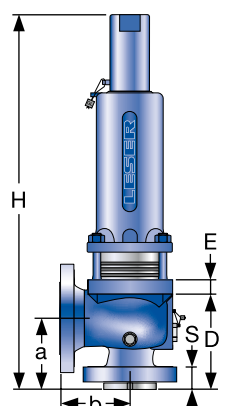
  



Support brackets



Conventional design



Balanced bellows design

<sup>1)</sup> Type 526 high pressure design: 1202  
<sup>2)</sup> Type 526 high pressure design: 1282

# Type 526

## Dimensions

US units

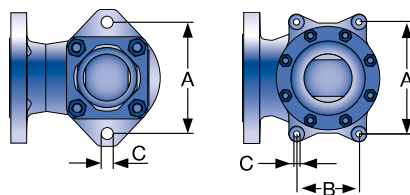
Type 526

Safety valve dimensions		[inch]	a	b	s	H <sub>max.</sub>	H <sub>max.</sub> with bellows	a	b	s	H <sub>max.</sub>	H <sub>max.</sub> with bellows	a	b	s	H <sub>max.</sub>	H <sub>max.</sub> with bellows
Support brackets		[inch]	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
<b>Flange rating class</b>			<b>150 x 150</b>					<b>300L x 150</b>					<b>300 x 150</b>				
<b>Valve size</b>			1 D 2					1 D 2					1 D 2				
<b>D</b>	d <sub>0</sub> [inch]	<b>0.551</b>	4 1/8	4 1/2	1 3/16	17 5/16	18 5/16	Please see 1 D 2					4 1/8	4 1/2	1 3/16	17 5/16	18 5/16
	A <sub>0</sub> [inch <sup>2</sup> ]	<b>0.239</b>	5 1/8	–	Ø 9/16	5 7/32	5/8	300 x 150					5 1/8	–	Ø 9/16	5 7/32	5/8
<b>Valve size</b>			1 E 2					1 E 2					1 E 2				
<b>E</b>	d <sub>0</sub> [inch]	<b>0.551</b>	4 1/8	4 1/2	1 3/16	17 5/16	18 5/16	Please see 1 E 2					4 1/8	4 1/2	1 3/16	17 5/16	18 5/16
	A <sub>0</sub> [inch <sup>2</sup> ]	<b>0.239</b>	5 1/8	–	Ø 9/16	5 7/32	5/8	300 x 150					5 1/8	–	Ø 9/16	5 7/32	5/8
<b>Valve size</b>			1 1/2 F 2					1 1/2 F 2					1 1/2 F 2				
<b>F</b>	d <sub>0</sub> [inch]	<b>0.709</b>	4 7/8	4 3/4	1 1/4	21 3/32	22 3/32	4 7/8	4 3/4	1 1/4	21 3/32	22 3/32	4 7/8	6	1 13/32	21 3/32	22 3/32
	A <sub>0</sub> [inch <sup>2</sup> ]	<b>0.394</b>	6 3/8	–	Ø 9/16	5 27/32	5/8	6 3/8	–	Ø 9/16	5 27/32	5/8	6 3/8	–	Ø 14	5 27/32	5/8
<b>Valve size</b>			1 1/2 G 3					1 1/2 G 3					1 1/2 G 3				
<b>G</b>	d <sub>0</sub> [inch]	<b>0.886</b>	4 7/8	4 3/4	1 1/4	21 3/32	22 19/32	4 7/8	4 3/4	1 1/4	21 3/32	22 19/32	4 7/8	6	1 13/32	21 3/32	22 19/32
	A <sub>0</sub> [inch <sup>2</sup> ]	<b>0.616</b>	6 3/8	–	Ø 9/16	5 27/32	5/8	6 3/8	–	Ø 9/16	5 27/32	5/8	6 3/8	–	Ø 9/16	5 27/32	5/8
<b>Flange rating class</b>			<b>150 x 150</b>					<b>300L x 150</b>					<b>300 x 150</b>				
<b>Valve size</b>			1 1/2 H 3					1 1/2 H 3					2 H 3				
<b>H</b>	d <sub>0</sub> [inch]	<b>1.11</b>	5 1/8	4 7/8	1 1/2	21 11/32	22 27/32	5 1/8	4 7/8	1 1/2	21 11/32	22 27/32	5 1/8	4 7/8	1 11/16	26 7/32	27 1/4
	A <sub>0</sub> [inch <sup>2</sup> ]	<b>0.975</b>	6 3/8	–	Ø 9/16	6 3/32	5/8	6 3/8	–	Ø 9/16	6 3/32	5/8	7 1/4	4 11/32	Ø 9/16	6 31/32	5/8
<b>Valve size</b>			2 J 3					2 J 3					3 J 4				
<b>J</b>	d <sub>0</sub> [inch]	<b>1.42</b>	5 3/8	4 7/8	1 15/16	26 1/2	28 7/16	5 3/8	4 7/8	1 15/16	26 1/2	28 7/16	7 1/4	7 1/8	1 15/16	30 15/16	32 7/16
	A <sub>0</sub> [inch <sup>2</sup> ]	<b>1.58</b>	7 1/4	4 11/32	Ø 9/16	7 1/4	5/8	7 1/4	4 11/32	Ø 9/16	7 1/4	5/8	9 3/8	5 1/2	Ø 23/32	9 7/32	31/32
<b>Valve size</b>			3 K 4					3 K 4					3 K 4				
<b>K</b>	WCB, LCB, d <sub>0</sub> [inch]	<b>1.69</b>	6 1/8	6 3/8	1 15/16	29 27/32	23 11/32	Please see 3 K 4					6 1/8	6 3/8	1 15/16	29 27/32	31 11/32
	CF8M (WC6) A <sub>0</sub> [inch <sup>2</sup> ]	<b>2.25</b>	9 3/8	5 1/2	Ø 23/32	8 3/32	31/32	300 x 150					9 3/8	5 1/2	Ø 23/32	8 3/32	31/32
<b>WC6</b>																	
<b>Flange rating class</b>			<b>150 x 150</b>					<b>300L x 150</b>					<b>300 x 150</b>				
<b>Valve size</b>			3 L 4					3 L 4					4 L 6				
<b>L</b>	d <sub>0</sub> [inch]	<b>2.11</b>	6 1/8	6 1/2	1 15/16	29 27/32	31 11/12	6 1/8	6 1/2	1 15/16	29 27/32	31 11/12	7 1/6	7 1/8	1 15/16	33 19/32	34 7/8
	A <sub>0</sub> [inch <sup>2</sup> ]	<b>3.48</b>	9 3/8	5 1/2	Ø 23/32	8 3/32	31/32	9 3/8	5 1/2	Ø 23/32	8 3/32	31/32	10 15/16	6 5/16	Ø 23/32	10 5/16	31/32
<b>Valve size</b>			4 M 6					4 M 6					4 M 6				
<b>M</b>	d <sub>0</sub> [inch]	<b>2.37</b>	7	7 1/4	1 7/8	33 17/32	34 27/32	Please see 4 M 6					7	7 1/4	1 7/8	33 17/32	34 27/32
	A <sub>0</sub> [inch <sup>2</sup> ]	<b>4.43</b>	10 15/16	6 5/16	Ø 23/32	10 1/4	31/32	300 x 150					10 15/16	6 5/16	Ø 23/32	10 1/4	31/32
<b>Valve size</b>			4 N 6					4 N 6					4 N 6				
<b>N</b>	d <sub>0</sub> [inch]	<b>2.60</b>	7 3/4	8 1/4	1 7/8	34 9/32	35 19/32	Please see 4 N 6					7 3/4	8 1/4	1 7/8	34 9/32	35 19/32
	A <sub>0</sub> [inch <sup>2</sup> ]	<b>5.30</b>	10 15/16	6 5/16	Ø 23/32	11	31/32	300 x 150					10 15/16	6 5/16	Ø 23/32	11	31/32
<b>Valve size</b>			4 P 6					4 P 6					4 P 6				
<b>P</b>	d <sub>0</sub> [inch]	<b>3.15</b>	7 1/8	9	1 7/8	33 31/32	34 31/32	7 1/8	9	1 7/8	33 31/32	34 31/32	8 7/8	10	2 7/16	42 1/2	44 13/16
	A <sub>0</sub> [inch <sup>2</sup> ]	<b>7.79</b>	10 15/16	6 5/16	Ø 23/32	10 5/16	31/32	10 15/16	6 5/16	Ø 23/32	10 5/16	31/32	14 9/16	8 9/32	Ø 23/32	12 1/16	31/32
<b>Valve size</b>			6 Q 8					6 Q 8					6 Q 8				
<b>Q</b>	d <sub>0</sub> [inch]	<b>4.15</b>	9 7/16	9 1/2	2 11/16	44 1/8	47 1/4	Please see 6 Q 8					9 7/16	9 1/2	2 11/16	44 1/8	47 1/4
	A <sub>0</sub> [inch <sup>2</sup> ]	<b>13.55</b>	14 9/16	8 9/32	Ø 23/32	13 5/8	31/32	300 x 150					14 9/16	8 9/32	Ø 23/32	13 5/8	31/32
<b>Valve size</b>			6 R 8					6 R 8					6 R 10				
<b>R</b>	d <sub>0</sub> [inch]	<b>4.96</b>	9 7/16	9 1/2	2 11/16	44 1/8	47 1/4	9 7/16	9 1/2	2 11/16	41 5/8	44 3/4	9 7/16	10 1/2	2 11/16	56 1/8	56 1/8
	A <sub>0</sub> [inch <sup>2</sup> ]	<b>19.33</b>	14 9/16	8 9/32	Ø 23/32	13 5/8	31/32	14 9/16	8 9/32	Ø 23/32	13 5/8	31/32	18 1/2	5 29/32	Ø 23/32	18 1/8	31/32
<b>Valve size</b>			8 T 10					8 T 10					8 T 10				
<b>T</b>	d <sub>0</sub> [inch]	<b>6.36</b>	10 7/8	11	2 7/16	57 9/16	57 9/16	Please see 8 T 10					10 7/8	11	2 7/16	57 9/16	57 9/16
	A <sub>0</sub> [inch <sup>2</sup> ]	<b>31.75</b>	18 1/2	5 29/32	Ø 23/32	19 9/16	31/32	300 x 150					18 1/2	5 29/32	Ø 23/32	19 9/16	31/32

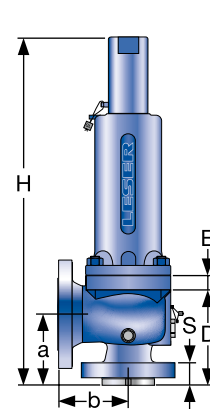


$d_0$  = Actual orifice diameter  
 $A_0$  = Actual orifice area

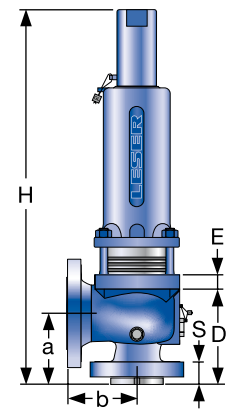
a	b	s	H <sub>max.</sub>	H <sub>max.</sub> with bellows	a	b	s	H <sub>max.</sub>	H <sub>max.</sub> with bellows	a	b	s	H <sub>max.</sub>	H <sub>max.</sub> with bellows	a	b	s	H <sub>max.</sub>	H <sub>max.</sub> with bellows					
A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E					
<b>600 x 150</b>					<b>900 x 300</b>					<b>1500 x 300</b>					<b>2500 x 300</b>									
1 D 2					1 1/2 D 2					1 1/2 D 2					1 1/2 D 3									
4 1/8	4 1/2	1 3/16	17 5/16	18 5/16	Please see 1 1/2 D 2 1500 x 300					4 1/8	5 1/2	1 3/4	20 11/32	21 11/32	5 1/2	7	2 1/4	22 11/16	22 11/16	6 3/8	-	Ø 9/16	7 15/32	5/8
5 1/8	-	Ø 9/16	5 7/32	5/8						6 3/8	-	Ø 9/16	5 3/32	5/8	6 3/8	-	Ø 9/16	7 15/32	5/8	6 3/8	-	Ø 9/16	7 15/32	5/8
1 E 2					1 1/2 E 2					1 1/2 E 2					1 1/2 E 3									
4 1/8	4 1/2	1 3/16	17 5/16	18 5/16	Please see 1 1/2 E 2 1500 x 300					4 1/8	5 1/2	1 3/4	20 11/32	21 11/32	5 1/2	7	2 1/4	22 11/16	22 11/16	6 3/8	-	Ø 9/16	7 15/32	5/8
5 1/8	-	Ø 9/16	5 7/32	5/8						6 3/8	-	Ø 9/16	5 3/32	5/8	6 3/8	-	Ø 9/16	7 15/32	5/8	6 3/8	-	Ø 9/16	7 15/32	5/8
1 1/2 F 2					1 1/2 F 3					1 1/2 F 3					1 1/2 F 3									
4 7/8	6	1 13/32	21 3/32	22 3/32	Please see 1 1/2 F 3 1500 x 300					4 7/8	6 1/2	1 3/4	22 1/16	22 1/16	5 1/2	7	2 1/4	22 11/16	22 11/16	6 3/8	-	Ø 9/16	7 15/32	5/8
6 3/8	-	Ø 9/16	5 27/32	5/8						6 3/8	-	Ø 9/16	6 27/32	5/8	6 3/8	-	Ø 9/16	7 15/32	5/8	6 3/8	-	Ø 9/16	7 15/32	5/8
1 1/2 G 3					1 1/2 G 3					2 G 3					2 G 3									
4 7/8	6	1 13/32	21 3/32	22 19/32	4 7/8	6 1/2	1 3/4	22 1/16	22 9/16	6 1/8	6 3/4	2 11/16	27 3/32	27 3/4	6 1/8	6 3/4	2 11/16	27 3/32	27 3/4	6 1/8	6 3/4	2 11/16	27 3/32	27 3/4
6 3/8	-	Ø 9/16	5 27/32	5/8	6 3/8	-	Ø 14	6 27/32	5/8	7 1/4	4 11/32	Ø 9/16	7 13/16	5/8	7 1/4	4 11/32	Ø 9/16	7 13/16	5/8	7 1/4	4 11/32	Ø 9/16	7 13/16	5/8
<b>600 x 150</b>					<b>900 x 150</b>					<b>1500 x 300</b>														
2 H 3					2 H 3					2 H 3														
6 1/16	6 3/8	2 3/16	27 7/32	28 7/32	6 1/16	6 3/8	2 3/16	27 7/32	28 7/32	6 1/16	6 3/8	2 3/16	27 7/32	28 7/32										
7 1/4	4 11/32	Ø 9/16	7 15/16	5/8	7 1/4	4 11/32	Ø 9/16	7 15/16	5/8	7 1/4	4 11/32	Ø 9/16	7 15/16	5/8										
3 J 4					3 J 4					3 J 4														
7 1/4	7 1/8	1 15/16	30 15/16	32 7/16	7 1/4	7 1/8	2 9/16	30 15/16	32 7/16	7 1/4	7 1/8	2 3/16	30 15/16	32 7/16										
9 3/8	5 1/2	Ø 23/32	9 7/32	31/32	9 3/8	5 1/2	Ø 23/32	9 7/32	31/32	9 3/8	5 1/2	Ø 23/32	9 7/32	31/32										
3 K 4					3 K 6					3 K 6														
7 1/4	7 1/8	1 15/16	30 15/16	32 7/16	7 13/16	8 1/2	2 9/16	34 21/32	34 21/32	7 3/4	8 1/2	2 9/16	34 19/32	34 19/32										
9 3/8	5 1/2	Ø 23/32	9 7/32	31/32	10 15/16	6 5/16	Ø 23/32	11 11/32	31/32	10 15/16	6 5/16	Ø 23/32	10 15/16	31/32										
6 1/8	6 3/8	1 15/16	29 27/32	31 11/32																				
9 3/8	5 1/2	Ø 23/32	8 3/32	31/32																				
<b>600 x 150</b>					<b>900 x 150</b>					<b>1500 x 150</b>														
4 L 6					4 L 6					4 L 6														
7 1/16	8	2 1/4	33 19/32	34 7/8	7 3/4	8 3/4	2 3/4	34 9/32	35 19/32	7 3/4	8 3/4	2 3/4	34 9/32	35 19/32										
10 15/16	6 5/16	Ø 23/32	10 15/16	31/32	10 15/16	6 5/16	Ø 23/32	11	31/32	10 15/16	6 5/16	Ø 23/32	11	31/32										
4 M 6					4 M 6																			
7	8	2 3/16	33 17/32	34 27/32	7 3/4	8 3/4	2 3/4	34 9/32	35 19/32															
10 15/16	6 5/16	Ø 23/32	10 1/4	31/32	10 15/16	6 5/16	Ø 23/32	11	31/32															
4 N 6					4 N 6																			
7 3/4	8 3/4	2 3/4	34 9/32	35 19/32	7 3/4	8 3/4	2 3/4	34 9/32	35 19/32															
10 15/16	6 5/16	Ø 23/32	11	31/32	10 15/16	6 5/16	Ø 23/32	11	31/32															
4 P 6					4 P 6																			
8 7/8	10	2 7/16	42 1/2	44 13/16	8 7/8	10	2 7/16	42 1/2	44 13/16															
14 9/16	8 9/32	Ø 23/32	12 1/16	31/32	14 9/16	8 9/32	Ø 23/32	12 1/16	31/32															
6 Q 8																								
9 7/16	9 1/2	2 11/16	44 1/8 <sup>1)</sup>	47 1/4 <sup>2)</sup>																				
14 9/16	8 9/32	Ø 23/32	13 5/8	31/32																				
6 R 10																								
9 7/16	10 1/2	2 11/16	56 1/8	56 1/8																				
18 1/2	5 29/32	Ø 23/32	18 1/8	31/32																				
-	-	-	-	-																				
-	-	-	-	-																				



Support brackets



Conventional design



Balanced bellows design

<sup>1)</sup> Type 526 high pressure design: 47 5/16

<sup>2)</sup> Type 526 high pressure design: 50 1/2

## Type 526

### Weighs

Metric units

		Bonnet			all			
		Lifting device			all			
Flange class		150 x 150	300L x 150	300 x 150	600 x 150	900 x 300	1500 x 300	2500 x 300
<b>Valve size</b>		1 D 2	1 D 2	1 D 2	1 D 2	1 1/2 D 2	1 1/2 D 2	1 1/2 D 3
<b>D</b>	Weight [kg]	17.3	17.3	17.3	17.3	31.1	31.1	41.8
	with bellows [kg]	18.4	18.4	18.4	18.4	33.1	33.1	44.6
<b>E</b>	Weight [kg]	17.3	17.3	17.3	17.3	31.1	31.1	41.8
	with bellows [kg]	18.4	18.4	18.4	18.4	33.1	33.1	44.6
<b>F</b>	Weight [kg]	30.6	30.6	32.5	32.5	36.3	36.3	41.8
	with bellows [kg]	33.1	33.1	35.0	35.0	38.6	38.6	44.6
<b>G</b>	Weight [kg]	30.6	30.6	32.5	32.5	36.3	69.9	69.9
	with bellows [kg]	33.1	33.1	35.0	35.0	38.6	72.5	72.5
<b>Flange class</b>		150 x 150	300L x 150	300 x 150	600 x 150	900 x 150	1500 x 300	
<b>Valve size</b>		1 1/2 H 3	1 1/2 H 3	2 H 3	2 H 3	2 H 3	2 H 3	
<b>H</b>	Weight [kg]	30.6	30.6	44.6	62.2	62.2	62.2	
	with bellows [kg]	33.1	33.1	48.4	65.3	65.3	65.3	
<b>J</b>	Weight [kg]	44.6	44.6	77.7	77.7	100.2	100.2	
	with bellows [kg]	48.4	48.4	83.2	83.2	105.7	105.7	
<b>K</b>	Weight [kg]	70.1	70.1	70.1	77.7	70.1	127.5	127.5
	with bellows [kg]	75.7	75.7	75.7	83.2	75.7	134.1	134.1
					<b>Other</b>	<b>WC6</b>		
<b>Flange class</b>		150 x 150	300L x 150	300 x 150	600 x 150	900 x 150	1500 x 150	
<b>Valve size</b>		3 L 4	3 L 4	4 L 6	4 L 6	4 L 6	4 L 6	
<b>L</b>	Weight [kg]	70.1	70.1	112.2	122.0	134.1	127.5	
	with bellows [kg]	75.7	75.7	118.8	128.6	140.7	134.1	
<b>M</b>	Weight [kg]	112.1	112.1	112.1	122.0	134.1		
	with bellows [kg]	118.7	118.7	118.7	128.6	140.7		
<b>N</b>	Weight [kg]	128.6	128.6	128.6	134.1	134.1		
	with bellows [kg]	135.2	135.2	135.2	140.7	140.7		
<b>P</b>	Weight [kg]	107.7	107.7	164.0	164.0	164.0		
	with bellows [kg]	114.8	114.8	172.0	172.0	172.0		
<b>Q</b>	Weight [kg]	221.0	221.0	221.0	221.0			
	with bellows [kg]	230.0	230.0	230.0	230.0			
<b>R</b>	Weight [kg]	221.0	221.0	277.0	277.0			
	with bellows [kg]	230.0	230.0	288.0	288.0			
<b>T</b>	Weight [kg]	287.0	287.0	287.0				
	with bellows [kg]	298.0	298.0	298.0				

## Type 526

### Weighths

US units

		Bonnet			all			
		Lifting device			all			
Flange class		150 x 150	300L x 150	300 x 150	600 x 150	900 x 300	1500 x 300	2500 x 300
<b>Valve size</b>		1 D 2	1 D 2	1 D 2	1 D 2	1 1/2 D 2	1 1/2 D 2	1 1/2 D 3
<b>D</b>	Weight [lbs]	38.1	38.1	38.1	38.1	68.6	68.6	92.2
	with bellows [lbs]	40.6	40.6	40.6	40.6	73.0	73.0	98.3
<b>E</b>	Weight [lbs]	38.1	38.1	38.1	38.1	68.6	68.6	92.2
	with bellows [lbs]	40.6	40.6	40.6	40.6	73.0	73.0	98.3
<b>F</b>	Weight [lbs]	67.5	67.5	71.7	71.7	80.0	80.0	92.2
	with bellows [lbs]	73.0	73.0	77.2	77.2	85.1	85.1	98.3
<b>G</b>	Weight [lbs]	67.5	67.5	71.7	71.7	80.0	154.1	154.1
	with bellows [lbs]	73.0	73.0	77.2	77.2	85.0	159.9	159.9
Flange class		150 x 150	300L x 150	300 x 150	600 x 150	900 x 150	1500 x 300	
<b>Valve size</b>		1 1/2 H 3	1 1/2 H 3	2 H 3	2 H 3	2 H 3	2 H 3	
<b>H</b>	Weight [lbs]	67.5	67.5	98.3	137.2	137.2	137.2	
	with bellows [lbs]	73.0	73.0	106.7	144.0	144.0	144.0	
<b>J</b>	Weight [lbs]	98.3	98.3	171.3	171.3	220.9	220.9	
	with bellows [lbs]	106.7	106.7	183.5	183.5	233.1	233.1	
<b>K</b>	Weight [lbs]	154.6	154.6	154.6	171.3	154.6	281.1	281.1
	with bellows [lbs]	166.9	166.9	166.9	183.5	166.9	295.7	295.7
					<b>Other</b>	<b>WC6</b>		
Flange class		150 x 150	300L x 150	300 x 150	600 x 150	900 x 150	1500 x 150	
<b>Valve size</b>		3 L 4	3 L 4	4 L 6	4 L 6	4 L 6	4 L 6	
<b>L</b>	Weight [lbs]	154.6	154.6	247.4	269.0	295.7	281.1	
	with bellows [lbs]	166.9	166.9	262.0	283.6	310.2	295.7	
<b>M</b>	Weight [lbs]	247.2	247.2	247.2	269.0	295.7		
	with bellows [lbs]	261.7	261.7	261.7	283.6	310.2		
<b>N</b>	Weight [lbs]	283.6	283.6	283.6	295.7	295.7		
	with bellows [lbs]	298.1	298.1	298.1	310.2	310.2		
<b>P</b>	Weight [lbs]	237.5	237.5	361.6	361.6	361.6		
	with bellows [lbs]	253.1	253.1	379.2	379.2	379.2		
<b>Q</b>	Weight [lbs]	487.3	487.3	487.3	487.3			
	with bellows [lbs]	507.2	507.2	507.2	507.2			
<b>R</b>	Weight [lbs]	487.3	487.3	610.8	610.8			
	with bellows [lbs]	507.2	507.2	635.0	635.0			
<b>T</b>	Weight [lbs]	632.8	632.8	632.8				
	with bellows [lbs]	657.1	657.1	657.1				