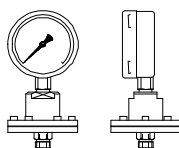


"ALL-STAINLESS" DIAPHRAGM SEAL PRESSURE GAUGES, TYPE PBS

TYPE PBS, with chemical seal

STANDARD MODEL

CASE : bayonet lock, AISI304/1.4301, IP-65
standard with blow-out device
WETTED PARTS : AISI316L/1.4435, other on demand
WINDOW : mineral glass 4 mm
DIAL : aluminium, black figures on white
POINTER : aluminium, black
MOVEMENT : stainless steel AISI304/1.4301



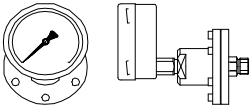
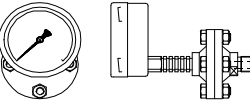
PBS100XA-06

RANGE : -1/0 upto 0-60 bar acc. to EN 837-1 (see page 55)
high pressure ranges (max. 600 bar); see page 55
ACCURACY : case Ø 63 and Ø 80 mm: ±1.6% F.S./class 1.6
case Ø 100 and Ø 160 mm: ±1.0% F.S. /class 1.0
Tprocess : -20/+120 °C (-40°C upto +200°C on demand)
OPTIONS : see page 57-58, electrical contact or transmitter 4-20 mA,
0-20mA, 0-10Vdc; see page 59-65

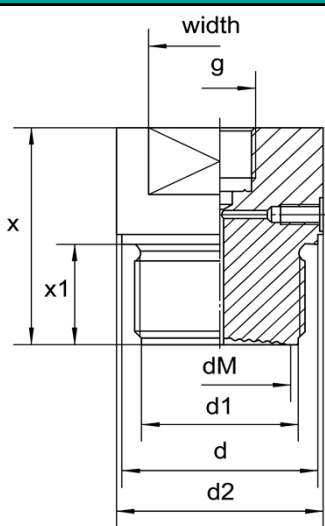
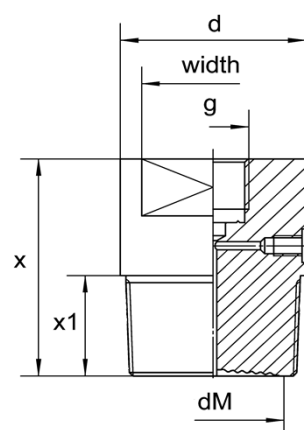
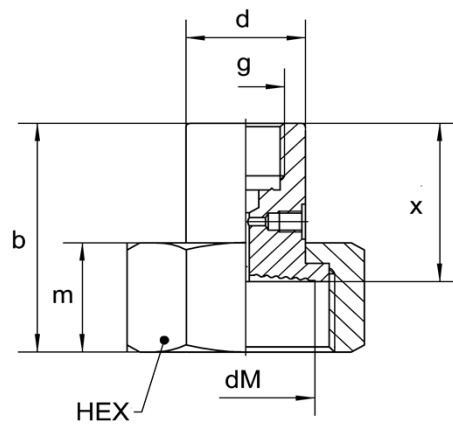
TYPE	SEAL MODEL	DN	MINIMUM PN	MAXIMUM PN	CASE DIAMETER xxx (Ø in mm)		
					063	100	160
PBSxxxXA-01	 FLUSH DIAPHRAGM	½"BSP	25 bar	600 bar			N.A.
		½"NPT	25 bar	600 bar			N.A.
PBSxxxXA-02		¾"BSP	16 bar	600 bar			N.A.
		¾"NPT	25 bar	600 bar			N.A.
PBSxxxXA-03		1"BSP	4 bar (6 bar ø160)	600 bar			
		1"NPT	6 bar (10 bar ø160)	600 bar			
PBSxxxXA-04	 FLUSH DIAPHRAGM	1"BSP female	6 bar	600 bar			
PBSxxxXA-05		1¼"BSP female	6 bar	600 bar			
PBSxxxXA-06	 INTERNAL DIAPHRAGM	½"BSP	1,6 bar	250 bar			
PBSxxxXA-07		½"NPT	1,6 bar	250 bar			
PBSxxxXA-09	 INTERNAL DIAPHRAGM	½"BSP/NPT	1 bar	40 bar			
PBSxxxXA-10		½"BSP/NPT	100 bar	250 bar			
PBSxxxXA-11	 INTERNAL DIAPHRAGM	½"BSP/NPT female	1 bar	100 bar	O D	O D	O D
PBSxxxXA-12		½"BSP/NPT female	100 bar	250 bar	O D	O D	O D
PBSxxxXA-13	 I-TYPE	3/4-1"ANSI or DN20-25	1 bar	150# or PN40	O D	O D	O D
PBSxxxXA-14		1½"ANSI or DN40	1 bar	150# or PN40	O D	O D	O D
PBSxxxXA-15		2"ANSI or DN50	1 bar	150# or PN40	O D	O D	O D
PBSxxxXA-16	 FLUSH DIAPHRAGM	DN25	4 bar (6 bar ø160)	PN40			
		1"ANSI	4 bar (6 bar ø160)	150#			
PBSxxxXA-17		DN40	1 bar	PN40			
		1½"ANSI	1 bar	150#			
PBSxxxXA-18		DN50	1 bar	PN40			
		2"ANSI	1 bar	150#			
PBSxxxXA-19	 OPEN FLANGE	DN15-20	1 bar	PN40			
		1/2"ANSI		150#			
PBSxxxXA-20		DN25		PN40			
		1"ANSI		150#			
PBSxxxXA-21		DN50		PN40			
		2"ANSI		150#			
PBSxxxXA-22	 PAPER-SEAL	DN 48 tube 6,5mm	1,6 bar	40 bar			
PBSxxxXA-23		DN 48 tube 15mm					
PBSxxxXA-24	 PVC-SEAL	½"BSP/NPT female	2,5 bar	10 bar			
PBSxxxXA-25		½"BSP/NPT female					
PBSxxxXA-26	 MINI-SEAL	½"BSP/NPT	1 bar	160 bar			

» Other ranges, pressure ratings, flange sizes, materials and connections on demand

"ALL-STAINLESS" DIAPHRAGM SEAL PRESSURE GAUGES, TYPE PBS

CASE DIAMETER xxx (Ø in mm)				
	OPTIONS	063	100	160
		EXTRA COSTS		
PTFE Foil *	PTFE FOIL ON DIAPHRAGM (types: 09-10-11-12-13-14-15-19-20-21)			
PTFE wetted parts*	PTFE FOIL ON DIAPHRAGM PTFE LINING ON WETTED PARTS (types: 09-10-11-12-13-14-15-19-20-21)	O.D.	O.D.	O.D.
OFF-CENTRE BACK CONNECTION	 e.g. PBS100XC-06			
COOLING ELEMENT	 FOR PROCESS TEMPERATURES UP TO +200°C			
ONDINA OIL	(In combination with electrical device)	N.A.		
GLYCERINE	GLYCERINE FILLED CASE e.g. PBS100LA-01 (L = Liquid)			
Options wetted parts	for PBS tpe 16, 17, 18 seal with flush diaphragm	1 " ANSI / DN 25	1 1/2 " ANSI / DN 40	2 " ANSI / DN 50
REMARKS		EXTRA COSTS		
Duplex / 1.4462		O.D.	O.D.	O.D.
PTFE Foil*	temperature <= 250 °C.			
Hastelloy C276 / 2.4819				
Hastelloy C4 / 2.4610		O.D.	O.D.	O.D.
Monel / 2.4360				
Tantalum	temperature <= 250 °C.			
Titanium / 3.7035	temperature <= 250 °C.			
Uranus B6 / 1.4539		O.D.	O.D.	O.D.
Other materials		O.D.	O.D.	O.D.

"ALL STAINLESS" DIAPHRAGM SEAL PRESSURE GAUGE, TYPE PBS

TYPE	DRAWING	DIMENSIONS mm																																																
01 02 03	 Flush Diaphragm	 <table><tr><th>DN</th><th>PN bar</th><th>d</th><th>d1</th><th>d2</th><th>dM</th><th>g</th><th>x</th><th>x1</th><th>width</th></tr><tr><td>½"BSP</td><td rowspan="5">600</td><td>—</td><td>18</td><td rowspan="3">—</td><td>16</td><td>¼"BSP</td><td>55</td><td rowspan="2">20</td><td>27</td></tr><tr><td>¾"BSP</td><td>32</td><td>22</td><td>20</td><td>56</td><td>32</td></tr><tr><td>1"BSP</td><td>39</td><td>29</td><td>28</td><td>55</td><td>21</td><td>41</td></tr><tr><td>1½"BSP</td><td>55</td><td>44</td><td>58</td><td>38</td><td>65</td><td rowspan="2">30</td><td>50</td></tr><tr><td>2"BSP</td><td>68</td><td>56</td><td>78</td><td>46</td><td>70</td><td>65</td></tr></table>	DN	PN bar	d	d1	d2	dM	g	x	x1	width	½"BSP	600	—	18	—	16	¼"BSP	55	20	27	¾"BSP	32	22	20	56	32	1"BSP	39	29	28	55	21	41	1½"BSP	55	44	58	38	65	30	50	2"BSP	68	56	78	46	70	65
	DN	PN bar	d	d1	d2	dM	g	x	x1	width																																								
	½"BSP	600	—	18	—	16	¼"BSP	55	20	27																																								
¾"BSP	32		22	20		56	32																																											
1"BSP	39		29	28		55	21	41																																										
1½"BSP	55		44	58	38	65	30	50																																										
2"BSP	68		56	78	46	70		65																																										
	 Flush Diaphragm	 <table><tr><th>DN</th><th>PN bar</th><th>d</th><th>dM</th><th>g</th><th>x</th><th>x1</th><th>width</th></tr><tr><td>½"NPT</td><td rowspan="5">600</td><td rowspan="3">—</td><td>16</td><td>¼"BSP</td><td>54</td><td>19</td><td rowspan="2">27</td></tr><tr><td>¾"NPT</td><td>—</td><td>—</td><td>60</td><td>25</td></tr><tr><td>1"NPT</td><td>24</td><td>—</td><td>—</td><td>28</td><td>41</td></tr><tr><td>1½"NPT</td><td>52</td><td>32</td><td>½"BSP</td><td>65</td><td>30</td><td>46</td></tr><tr><td>2"NPT</td><td>78</td><td>38</td><td>—</td><td>—</td><td>30</td><td>65</td></tr></table>	DN	PN bar	d	dM	g	x	x1	width	½"NPT	600	—	16	¼"BSP	54	19	27	¾"NPT	—	—	60	25	1"NPT	24	—	—	28	41	1½"NPT	52	32	½"BSP	65	30	46	2"NPT	78	38	—	—	30	65							
DN	PN bar	d	dM	g	x	x1	width																																											
½"NPT	600	—	16	¼"BSP	54	19	27																																											
¾"NPT			—	—	60	25																																												
1"NPT			24	—	—	28	41																																											
1½"NPT		52	32	½"BSP	65	30	46																																											
2"NPT		78	38	—	—	30	65																																											
04 05	 Flush Diaphragm with female thread	 <table><tr><th>DN</th><th>PN bar</th><th>b</th><th>d</th><th>m</th><th>dM</th><th>g</th><th>x</th><th>x1</th><th>HEX</th></tr><tr><td>1"BSP</td><td rowspan="3">600</td><td>49,5</td><td>23,5</td><td>28,5</td><td>24</td><td>¼"BSP</td><td>30</td><td rowspan="3">—</td><td>41</td></tr><tr><td>1¼"BSP</td><td rowspan="2">65</td><td>30</td><td>30,5</td><td>28</td><td rowspan="2">½"BSP</td><td>30</td><td>50</td></tr><tr><td>1½"BSP</td><td>32</td><td>31</td><td>34</td><td>55</td></tr><tr><td>2"BSP</td><td>40</td><td>72,5</td><td>40</td><td>35</td><td>46</td><td>—</td><td>50</td><td>70</td></tr></table>	DN	PN bar	b	d	m	dM	g	x	x1	HEX	1"BSP	600	49,5	23,5	28,5	24	¼"BSP	30	—	41	1¼"BSP	65	30	30,5	28	½"BSP	30	50	1½"BSP	32	31	34	55	2"BSP	40	72,5	40	35	46	—	50	70						
DN	PN bar	b	d	m	dM	g	x	x1	HEX																																									
1"BSP	600	49,5	23,5	28,5	24	¼"BSP	30	—	41																																									
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1½"BSP			32	31	34		55																																											
2"BSP	40	72,5	40	35	46	—	50	70																																										

"ALL STAINLESS" DIAPHRAGM SEAL PRESSURE GAUGES, TYPE PBS

TYPE	DRAWING	DIMENSIONS mm																								
06 07 08		<table><tr><th>DN</th><th>PN bar</th><th>b</th><th>c2</th><th>c3</th><th>d</th><th>width</th></tr><tr><td>1/2\"/></td></tr></table>	DN	PN bar	b	c2	c3	d	width	1/2\"/>																
	DN	PN bar	b	c2	c3	d	width																			
	1/2\"/>																									
09 10		<table><tr><th>DN</th><th>PN bar</th><th>b</th><th>c</th><th>c1</th><th>c2</th><th>c3</th><th>d</th></tr><tr><td>1/2 BSP/NPT</td><td>100</td><td>90</td><td>6</td><td>3</td><td>20</td><td>19</td><td>99</td></tr><tr><td>1/2 BSP/NPT</td><td>250</td><td>97</td><td>6</td><td>3</td><td>20</td><td>19</td><td>118</td></tr></table>	DN	PN bar	b	c	c1	c2	c3	d	1/2 BSP/NPT	100	90	6	3	20	19	99	1/2 BSP/NPT	250	97	6	3	20	19	118
DN	PN bar	b	c	c1	c2	c3	d																			
1/2 BSP/NPT	100	90	6	3	20	19	99																			
1/2 BSP/NPT	250	97	6	3	20	19	118																			
11 12		<table><tr><th>DN</th><th>PN bar</th><th>b</th><th>d</th></tr><tr><td>1/2 BSP/NPT</td><td>100</td><td>79</td><td>99</td></tr><tr><td>1/2 BSP/NPT</td><td>250</td><td>89</td><td>118</td></tr></table>	DN	PN bar	b	d	1/2 BSP/NPT	100	79	99	1/2 BSP/NPT	250	89	118												
DN	PN bar	b	d																							
1/2 BSP/NPT	100	79	99																							
1/2 BSP/NPT	250	89	118																							

» Other body and diaphragm materials: Hastelloy, Tantalum, Nickel, Titanium, Monel, Inconel etc., on demand.

"ALL STAINLESS" DIAPHRAGM SEAL PRESSURE GAUGES, TYPE PBS

TYPE	DRAWING	DIMENSIONS mm																																																																																																																																		
13 14 15																																																																																																																																				
		<table><tr><th>DN</th><th>PN bar</th><th>H ~</th><th>d1</th><th>d2</th><th>f</th><th>g</th><th>k</th><th>x</th></tr><tr><td>DN 25</td><td>40</td><td>51</td><td>115</td><td>68</td><td>3</td><td>4xø14</td><td>85</td><td>18</td></tr><tr><td>DN 50</td><td>40</td><td>59</td><td>165</td><td>102</td><td>3</td><td>4xø18</td><td>125</td><td>20</td></tr><tr><td>DN 50</td><td>64</td><td>73</td><td>180</td><td>102</td><td>3</td><td>4xø22</td><td>135</td><td>26</td></tr><tr><td>DN 50</td><td>100</td><td>80</td><td>195</td><td>102</td><td>3.5</td><td>4xø26</td><td>145</td><td>28</td></tr><tr><td>DN 50</td><td>160</td><td>85</td><td>195</td><td>102</td><td>3</td><td>4xø26</td><td>145</td><td>30</td></tr><tr><td>DN 50</td><td>250</td><td>93</td><td>200</td><td>102</td><td>3</td><td>8xø26</td><td>150</td><td>38</td></tr><tr><td>DN 50</td><td>320</td><td>100</td><td>210</td><td>102</td><td>3</td><td>8xø26</td><td>160</td><td>42</td></tr><tr><td>DN 50</td><td>400</td><td>110</td><td>235</td><td>102</td><td>3</td><td>8xø30</td><td>180</td><td>52</td></tr></table>	DN	PN bar	H ~	d1	d2	f	g	k	x	DN 25	40	51	115	68	3	4xø14	85	18	DN 50	40	59	165	102	3	4xø18	125	20	DN 50	64	73	180	102	3	4xø22	135	26	DN 50	100	80	195	102	3.5	4xø26	145	28	DN 50	160	85	195	102	3	4xø26	145	30	DN 50	250	93	200	102	3	8xø26	150	38	DN 50	320	100	210	102	3	8xø26	160	42	DN 50	400	110	235	102	3	8xø30	180	52																																																	
		DN	PN bar	H ~	d1	d2	f	g	k	x																																																																																																																										
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		DN 50	160	85	195	102	3	4xø26	145	30																																																																																																																										
		DN 50	250	93	200	102	3	8xø26	150	38																																																																																																																										
		DN 50	320	100	210	102	3	8xø26	160	42																																																																																																																										
DN 50	400	110	235	102	3	8xø30	180	52																																																																																																																												
<table><tr><th>DN</th><th>Class</th><th>H ~</th><th>d1</th><th>d2</th><th>f</th><th>g</th><th>k</th><th>x</th></tr><tr><td>¾"ANSI</td><td>150</td><td>63</td><td>98.6</td><td>42.9</td><td>1.6</td><td>4xø16</td><td>69.9</td><td>12.7</td></tr><tr><td>¾"ANSI</td><td>300</td><td>68</td><td>117.3</td><td>42.9</td><td>1.6</td><td>4xø19</td><td>82.6</td><td>15.8</td></tr><tr><td>1"ANSI</td><td>150</td><td>66</td><td>108</td><td>50.8</td><td>1.6</td><td>4xø16</td><td>79.2</td><td>14.2</td></tr><tr><td>1"ANSI</td><td>300</td><td>72</td><td>123.9</td><td>50.8</td><td>1.6</td><td>4xø19</td><td>88.92</td><td>17.5</td></tr><tr><td>1½ANSI</td><td>150</td><td>72</td><td>127</td><td>73.2</td><td>1.6</td><td>4xø16</td><td>98.6</td><td>17.5</td></tr><tr><td>1½ANSI</td><td>300</td><td>79</td><td>155.4</td><td>73.2</td><td>1.6</td><td>4xø22</td><td>114.3</td><td>20.6</td></tr><tr><td>1½ANSI</td><td>600</td><td>87</td><td>155.4</td><td>73.2</td><td>6.4</td><td>4xø22</td><td>114.3</td><td>28.8</td></tr><tr><td>2"ANSI</td><td>150</td><td>74</td><td>152.4</td><td>91.9</td><td>1.6</td><td>4xø19</td><td>120.7</td><td>19.8</td></tr><tr><td>2"ANSI</td><td>300</td><td>80</td><td>165.1</td><td>91.9</td><td>6.4</td><td>8xø19</td><td>127</td><td>22.5</td></tr><tr><td>2"ANSI</td><td>600</td><td>90</td><td>165.1</td><td>91.9</td><td>6.4</td><td>8xø19</td><td>127</td><td>31.8</td></tr><tr><td>2"ANSI</td><td>900</td><td>108</td><td>215.9</td><td>91.9</td><td>6.4</td><td>8xø26</td><td>165.1</td><td>44.5</td></tr></table>	DN	Class	H ~	d1	d2	f	g	k	x	¾"ANSI	150	63	98.6	42.9	1.6	4xø16	69.9	12.7	¾"ANSI	300	68	117.3	42.9	1.6	4xø19	82.6	15.8	1"ANSI	150	66	108	50.8	1.6	4xø16	79.2	14.2	1"ANSI	300	72	123.9	50.8	1.6	4xø19	88.92	17.5	1½ANSI	150	72	127	73.2	1.6	4xø16	98.6	17.5	1½ANSI	300	79	155.4	73.2	1.6	4xø22	114.3	20.6	1½ANSI	600	87	155.4	73.2	6.4	4xø22	114.3	28.8	2"ANSI	150	74	152.4	91.9	1.6	4xø19	120.7	19.8	2"ANSI	300	80	165.1	91.9	6.4	8xø19	127	22.5	2"ANSI	600	90	165.1	91.9	6.4	8xø19	127	31.8	2"ANSI	900	108	215.9	91.9	6.4	8xø26	165.1	44.5																								
DN	Class	H ~	d1	d2	f	g	k	x																																																																																																																												
¾"ANSI	150	63	98.6	42.9	1.6	4xø16	69.9	12.7																																																																																																																												
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1"ANSI	300	72	123.9	50.8	1.6	4xø19	88.92	17.5																																																																																																																												
1½ANSI	150	72	127	73.2	1.6	4xø16	98.6	17.5																																																																																																																												
1½ANSI	300	79	155.4	73.2	1.6	4xø22	114.3	20.6																																																																																																																												
1½ANSI	600	87	155.4	73.2	6.4	4xø22	114.3	28.8																																																																																																																												
2"ANSI	150	74	152.4	91.9	1.6	4xø19	120.7	19.8																																																																																																																												
2"ANSI	300	80	165.1	91.9	6.4	8xø19	127	22.5																																																																																																																												
2"ANSI	600	90	165.1	91.9	6.4	8xø19	127	31.8																																																																																																																												
2"ANSI	900	108	215.9	91.9	6.4	8xø26	165.1	44.5																																																																																																																												
<table><tr><th>DN</th><th>Class</th><th>H ~</th><th>d1</th><th>d2</th><th>f</th><th>g</th><th>k</th><th>x</th></tr><tr><td>JIS10K 15A</td><td rowspan="5">150</td><td>63</td><td>95</td><td>51</td><td>1</td><td>4Xø15</td><td>70</td><td>12</td></tr><tr><td>JIS10K 20A</td><td>66</td><td>100</td><td>56</td><td>1</td><td>4Xø15</td><td>75</td><td>14</td></tr><tr><td>JIS10K 25A</td><td>66</td><td>125</td><td>67</td><td>1</td><td>4Xø19</td><td>90</td><td>14</td></tr><tr><td>JIS10K 40A</td><td>70</td><td>140</td><td>81</td><td>2</td><td>4Xø19</td><td>105</td><td>16</td></tr><tr><td>JIS10K 50A</td><td>70</td><td>155</td><td>96</td><td>2</td><td>4Xø19</td><td>120</td><td>16</td></tr><tr><td>JIS20K 15A</td><td rowspan="5">300</td><td>68</td><td>95</td><td>51</td><td>1</td><td>4Xø15</td><td>70</td><td>14</td></tr><tr><td>JIS20K 20A</td><td>72</td><td>100</td><td>56</td><td>1</td><td>4Xø15</td><td>75</td><td>16</td></tr><tr><td>JIS20K 25A</td><td>72</td><td>125</td><td>67</td><td>1</td><td>4Xø19</td><td>90</td><td>16</td></tr><tr><td>JIS20K 40A</td><td>78</td><td>140</td><td>81</td><td>2</td><td>4Xø19</td><td>105</td><td>18</td></tr><tr><td>JIS20K 50A</td><td>78</td><td>155</td><td>96</td><td>2</td><td>8Xø19</td><td>120</td><td>18</td></tr><tr><td>JIS40K 15A</td><td rowspan="5">600</td><td>81</td><td>115</td><td>55</td><td>1</td><td>4Xø19</td><td>80</td><td>20</td></tr><tr><td>JIS40K 20A</td><td>81</td><td>120</td><td>60</td><td>1</td><td>4Xø19</td><td>85</td><td>20</td></tr><tr><td>JIS40K 25A</td><td>88</td><td>130</td><td>70</td><td>1</td><td>4Xø19</td><td>95</td><td>22</td></tr><tr><td>JIS40K 40A</td><td>94</td><td>160</td><td>90</td><td>2</td><td>4Xø23</td><td>120</td><td>24</td></tr><tr><td>JIS40K 50A</td><td>100</td><td>165</td><td>105</td><td>2</td><td>8Xø19</td><td>130</td><td>26</td></tr></table>	DN	Class	H ~	d1	d2	f	g	k	x	JIS10K 15A	150	63	95	51	1	4Xø15	70	12	JIS10K 20A	66	100	56	1	4Xø15	75	14	JIS10K 25A	66	125	67	1	4Xø19	90	14	JIS10K 40A	70	140	81	2	4Xø19	105	16	JIS10K 50A	70	155	96	2	4Xø19	120	16	JIS20K 15A	300	68	95	51	1	4Xø15	70	14	JIS20K 20A	72	100	56	1	4Xø15	75	16	JIS20K 25A	72	125	67	1	4Xø19	90	16	JIS20K 40A	78	140	81	2	4Xø19	105	18	JIS20K 50A	78	155	96	2	8Xø19	120	18	JIS40K 15A	600	81	115	55	1	4Xø19	80	20	JIS40K 20A	81	120	60	1	4Xø19	85	20	JIS40K 25A	88	130	70	1	4Xø19	95	22	JIS40K 40A	94	160	90	2	4Xø23	120	24	JIS40K 50A	100	165	105	2	8Xø19	130	26
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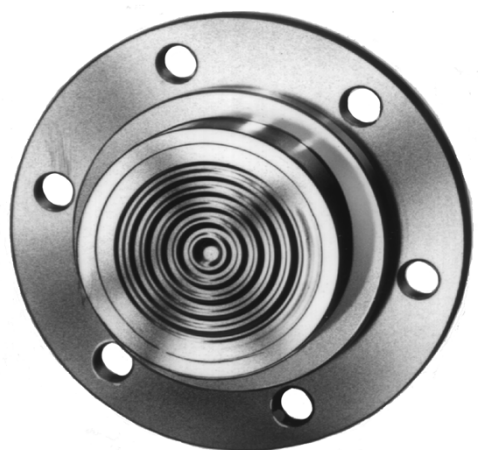
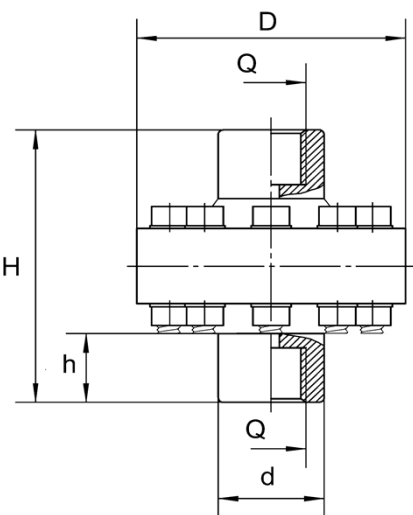
» Other body and diaphragm materials: Hastelloy, Tantalum, Nickel, Titanium, Monel, Inconel etc., on demand.

"ALL-STAINLESS" DIAPHRAGM SEAL PRESSURE GAUGES, TYPE PBS

TYPE	DRAWING	DIMENSIONS mm																																																																																																	
19 20		<table><tr><th>DN</th><th>PN bar</th><th>b</th><th>d</th><th>d1</th><th>d2</th><th>f</th><th>g</th><th>k</th><th>t</th><th>x</th></tr><tr><td>15</td><td rowspan="3">40</td><td>69</td><td rowspan="3">99</td><td>99</td><td>45</td><td>2</td><td rowspan="3">4x M12</td><td>65</td><td rowspan="3">12</td><td>25</td></tr><tr><td>20</td><td></td><td>105</td><td>58</td><td>2,5</td><td>75</td><td></td></tr><tr><td>25</td><td>66</td><td>115</td><td>68</td><td>3</td><td>85</td><td>22</td></tr><tr><th>DN</th><th>Class</th><th>b</th><th>d</th><th>d1</th><th>d2</th><th>f</th><th>g</th><th>k</th><th>t</th><th>x</th></tr><tr><td>1/2"</td><td>150</td><td rowspan="6">74</td><td rowspan="6">99</td><td rowspan="3">99</td><td rowspan="3">34,9</td><td>1,6</td><td rowspan="3">1/2"UNF-20</td><td>60,3</td><td rowspan="6">15</td><td>30</td></tr><tr><td>1/2"</td><td>300</td><td>6,4</td><td>66,7</td><td></td></tr><tr><td>1/2"</td><td>600</td><td></td><td>66,7</td><td>35</td></tr><tr><td>1"</td><td>150</td><td>108</td><td rowspan="3">50,8</td><td>1,6</td><td>79,4</td><td>30</td></tr><tr><td>1"</td><td>300</td><td rowspan="2">124</td><td rowspan="2">6,4</td><td>5/8"UNF-18</td><td>88,9</td><td></td></tr><tr><td>1"</td><td>600</td><td>88,9</td><td>35</td></tr><tr><td>2"</td><td>150</td><td>66,4</td><td></td><td>152</td><td>92,1</td><td>1,6</td><td></td><td>121</td><td></td><td>19,1</td></tr></table>	DN	PN bar	b	d	d1	d2	f	g	k	t	x	15	40	69	99	99	45	2	4x M12	65	12	25	20		105	58	2,5	75		25	66	115	68	3	85	22	DN	Class	b	d	d1	d2	f	g	k	t	x	1/2"	150	74	99	99	34,9	1,6	1/2"UNF-20	60,3	15	30	1/2"	300	6,4	66,7		1/2"	600		66,7	35	1"	150	108	50,8	1,6	79,4	30	1"	300	124	6,4	5/8"UNF-18	88,9		1"	600	88,9	35	2"	150	66,4		152	92,1	1,6		121		19,1
	DN	PN bar	b	d	d1	d2	f	g	k	t	x																																																																																								
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21		<table><tr><th>DN</th><th>PN bar</th><th>b</th><th>d</th><th>d1</th><th>d2</th><th>f</th><th>g</th><th>k</th><th>x</th></tr><tr><td>50</td><td>40</td><td>64</td><td>99</td><td>165</td><td>102</td><td>3</td><td>4x ø18</td><td>125</td><td>20</td></tr><tr><th>DN</th><th>Class</th><th>b</th><th>d</th><th>d1</th><th>d2</th><th>f</th><th>g</th><th>k</th><th>x</th></tr><tr><td>2"</td><td>300</td><td rowspan="2">66,4</td><td rowspan="2">99</td><td rowspan="2">165</td><td rowspan="2"></td><td></td><td>8 x ø19</td><td>127</td><td>22,2</td></tr><tr><td>2"</td><td>600</td><td>6,4</td><td>8 x ø19</td><td>127</td><td>32</td></tr></table>	DN	PN bar	b	d	d1	d2	f	g	k	x	50	40	64	99	165	102	3	4x ø18	125	20	DN	Class	b	d	d1	d2	f	g	k	x	2"	300	66,4	99	165			8 x ø19	127	22,2	2"	600	6,4	8 x ø19	127	32																																																			
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"ALL STAINLESS" DIAPHRAGM SEAL PRESSURE GAUGE, TYPE PBS

TYPE	DRAWING	DIMENSIONS mm																																				
22 23		 <table><tr><th>DN</th><th>PN bar</th><th>Tube</th><th>b</th><th>d1</th><th>d2</th><th>dM</th><th>g</th><th>k</th><th>x</th><th>x1</th><th>x2</th></tr><tr><td>48</td><td>40</td><td>6,5</td><td>66</td><td>85</td><td>59</td><td>38</td><td>6xø7</td><td>70</td><td>21</td><td>6</td><td>6</td></tr><tr><td></td><td></td><td>15</td><td>57,5</td><td></td><td></td><td></td><td></td><td></td><td>12,5</td><td></td><td></td></tr></table>	DN	PN bar	Tube	b	d1	d2	dM	g	k	x	x1	x2	48	40	6,5	66	85	59	38	6xø7	70	21	6	6			15	57,5						12,5		
	DN	PN bar	Tube	b	d1	d2	dM	g	k	x	x1	x2																										
48	40	6,5	66	85	59	38	6xø7	70	21	6	6																											
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24 25		 <table><tr><th>Q</th><th>PN bar</th><th>d</th><th>D</th><th>h</th><th>H</th></tr><tr><td>1/4\"BSP</td><td rowspan="2">10</td><td>25</td><td rowspan="2">81</td><td>18</td><td rowspan="2">87</td></tr><tr><td>1/2\"BSP</td><td>32</td><td>22</td></tr></table>	Q	PN bar	d	D	h	H	1/4\"BSP	10	25	81	18	87	1/2\"BSP	32	22																					
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26		 <table><tr><th>DN</th><th>PN bar</th><th>c</th><th>c1</th><th>c2</th><th>d</th><th>x</th></tr><tr><td>1/2\"BSP</td><td rowspan="2">160</td><td>6</td><td>3</td><td>20</td><td rowspan="2">57,5</td><td>74</td></tr><tr><td>1/2\"NPT</td><td>—</td><td>—</td><td>19</td><td>73</td></tr></table>	DN	PN bar	c	c1	c2	d	x	1/2\"BSP	160	6	3	20	57,5	74	1/2\"NPT	—	—	19	73																	
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