

# Protectoseal Series 30 Spring Operated Blanketing Valve Options & Part Numbering Worksheet

Version Code  
07/2020



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Date: \_\_\_\_\_ Issued by: \_\_\_\_\_  
 Company Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Country: \_\_\_\_\_ Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_

Project: \_\_\_\_\_  
 Tag No: \_\_\_\_\_  
 Tank No: \_\_\_\_\_  
 Notes: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Note 1 - When properly completed, this column will indicate your part number.  
 Please make sure that an option code is filled in for each of the 15 categories.

**PART NO:**

3	0	B													
DIGIT #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

DIGIT	DESIGNATION	OPTION CODE	SPECIFICATION	OPTION CODE
1	Material, Metal Type	F	316 Stainless Steel	
		K	Cleaned to PURE-TECH Specs	
2 & 3	Series Number	30		30
4	Series Revision Level	B		B
5	Connections <i>Pipe Size-Inlet / Outlet Type</i>	A	1/2" - FNPT / FNPT	
		B	1/2" - FNPT / 150# Flange	
		C	1/2" - FNPT / 300# Flange	
		D	1/2" - 150# Flange / 150# Flange	
		E	1/2" - 300# Flange / 300# Flange	
6	Setting Range (in. WC) <i>Refer to Table 4 on Sheet 2</i>	A	-0.1 and including 3.0	
		B	Above 3.0" and including 7.0"	
		C	Above 7.0" and including 25.0"	
		D	Above 25.0" and including 69.2"	
7	Material, Seals, Gaskets *	A	Buna-N	
		B	Neoprene	
		C	Viton	
		D	EPDM	
		E	Kalrez® *	
		F	Chemraz® *	
8	Flow Capacity (Flow Plug) <i>Refer to Valve Sizing Specs on Sheet 2</i>	A	100% (no plug)	
		B	75%	
		C	50%	
		D	25%	
9	Filter Type <i>Filter not assembled to valve</i>	0	No Filter	
		1	1/2" FNPT Aluminum Filter	
		2	1/2" FNPT Stainless Steel Filter	
10	Pressure Gauge Option	0	No Gauges	
		1	Supply Line Gauge Only	
		2	Sense Line Gauge Only	
		3	Both, w/o Field Test Kit (Digit #12 = "0")	
		3	Both, w/ Field Test Kit (See Digit #12)	
11	Integral Purge Option	0	No Integral Purge	
		1	Outlet line only	
		2	Sense line only	
		3	Both	

DIGIT	DESIGNATION	OPTION CODE	SPECIFICATION	OPTION CODE
12	Field Test Kit Option **	0	Not included	
		1	Included	
		2	Incl. w/ 3-way valve for outlet line	
		3	Incl. w/ 3-way Valve for sense line	
		4	Incl. w/ 3-way valve for outlet line & shut-off valve for sense line	
		5	Fittings incl. (no field test kit)	
		6	Fittings incl. w/ outlet line 3-way valve (no field test kit)	
		7	Fittings incl. w/ sense line shut-off valve (no field test kit)	
		8	Fittings incl. w/ outlet line 3-way valve & sense line shut-off valve (no field test kit)	
		13	Single Port Sensing	X
14 - 15	Single Port Sensing Sensing Outlet Tube Length  <i>See below on how to determine "A"</i>  <i>Consult factory for dimensions outside of this range</i>  <i>Note: If dimension "A" is less than 4.5" consult factory</i>	A	Incl. w/ 1" 150# flange outlet connection	
		00	Single port sensing not required	
		01	Dimension "A" is 1"	
		02	Dimension "A" is 2"	
		03	Dimension "A" is 3"	
		04	Dimension "A" is 4"	
		05	Dimension "A" is 5"	
		06	Dimension "A" is 6"	
		07	Dimension "A" is 7"	
		08	Dimension "A" is 8"	
		09	Dimension "A" is 9"	
		10	Dimension "A" is 10"	
		11	Dimension "A" is 11"	
		12	Dimension "A" is 12"	
		13	Dimension "A" is 13"	
		14	Dimension "A" is 14"	
		15	Dimension "A" is 15"	
		16	Dimension "A" is 16"	
17	Dimension "A" is 17"			
18	Dimension "A" is 18"			

\* For units specified with Kalrez® or Chemraz® seals and gaskets, the diaphragm case gasket will be Buna-N.

\*\* Sense line & supply line gauge included. Digit #10 should be Option Code "3".

**To determine "A":**

\* Round up to the nearest whole number

D = The distance from the valve's flange face to the tank roof.

L = The distance from the valve's flange face to the maximum liquid level.

When  $4.5 \leq L-D \leq 8$ , then  $A = D + 2$

When  $8 < L-D$ , then  $A = D + 5$

If  $L-D < 4.5$ , Consult Factory

