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



Version Code 07/2020

> Project: Tag No: Tank No:

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Date:	Issue	d by:		
Company Name:				
Address:				
Address:				
City:		State:	Zip:	
Country:	Phone:		Fax:	
Email:	T Hono.		1 60.	

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.

DIGIT DESIGNATION OPTION CODE SPECIFICATION OPTION CODE 1 Material, Metal Type F 316 Stainless Steel		Flease make sure that an opti		filled in for each of the 15 categories.	•
Image: series number is a serie numb	DIGIT	DESIGNATION		SPECIFICATION	
2 & 3Series Number30304Series Revision LevelBB5ConnectionsA $1/2^n$ - FNPT / FNPTPipe Size-Inlet / Outlet TypeB $1/2^n$ - FNPT / 150# Flange7Pipe Size-Inlet / Outlet TypeD $1/2^n$ - SNPT / 300# Flange6Setting Range (in. WC)A-0.1 and including 3.06Setting Range (in. WC)A-0.1 and including 3.07Material, Seals, Gaskets*AB7Material, Seals, Gaskets*ABuna-N7Material, Seals, Gaskets*ABuna-N7Material, Seals, Gaskets*ABuna-N8Flow Capacity (Flow Plug)A100% (no plug)7FCSoftian7FCSoftian7Material, Seals, Gaskets*A8Flow Capacity (Flow Plug)A9Filter TypeO9Filter TypeO10Pressure Gauge Option111/2" FNPT Aluminum Filter1212" Sense Line Gauge Only13Both, wo Field Test Kit (See Digit #12)14Integral Purge OptionO15Sense Line Gauge Only1611Outlet ine only17Integral Purge OptionO18Soft, wo Field Test Kit (See Digit #12)19Integral Purge OptionO10No Reage Only11Integral Purge OptionO12Sense L	1	Material, Metal Type	F	316 Stainless Steel	
4Series Revision LevelBB5ConnectionsA $1/2^* - FNPT / FNPT$ Pipe Size-Inlet / Outlet TypeB $1/2^* - FNPT / 150\#$ FlangeC $1/2^* - FNPT / 150\#$ FlangeCC $1/2^* - FNPT / 300\#$ FlangeC $1/2^* - FNPT / 300\#$ FlangeC $1/2^* - FNPT / 300\#$ FlangeC $1/2^* - 150\#$ Flange / 150 $\#$ FlangeC $1/2^* - 300\#$ Flange / 300 $\#$ Flange6Setting Range (in. WC)A-0.1 and including 3.0BAbove 3.0° and including 7.0°CCAbove 3.0° and including 50.0°CAbove 5.0° and including 69.2°7Material, Seals, Gaskets *ABNeopreneCVitonCVitonCVitonCEKalrez* *FCherraz* *SFlow Capacity (Flow Plug)A100% (no plug)Refer to Valve Sizing Speet on Sheet 2B75%C50%9Filter Type0No Filter10Pressure Gauge Option10Pressure Gauge Option111/2" FNPT Stainless Steel Filter12Sense Line Gauge Only13Both, wField Test Kit (See Digit #12 = 0°)14Integral Purge Option0No Integral Purge11Integral Purge Option12Sense Line Gauge Only13Both, wField Test Kit (See Digit #12)14			к	Cleaned to PURE-TECH Specs	
5 Connections A 1/2" - FNPT / FNPT Pipe Size-Inlet / Outlet Type B 1/2" - FNPT / 150# Flange	2&3	Series Number	30		30
Pipe Size-Inlet / Outlet TypeB1/2" - FNPT / 150# Flange1/2TypeD1/2" - 150# Flange1/2"1/21/2" - 150# Flange / 300# FlangeD1/2" - 150# Flange / 300# Flange6Setting Range (in. WC)A-0.1 and including 3.01/2"6Setting Range (in. WC)A-0.1 and including 3.01/2"7Material, Seals, GasketsBAbove 3.0" and including 69.2"1/2"7Material, Seals, Gaskets*ABuna-N1/2"7Material, Seals, Gaskets*ABuna-N1/2"7Material, Seals, Gaskets*ABuna-N1/2"7Material, Seals, Gaskets*ABuna-N1/2"7Material, Seals, Gaskets*ABuna-N1/2"7Material, Seals, Gaskets*ABuna-N1/2"7Material, Seals, Gaskets*ABuna-N1/2"8Flow Capacity (Flow Plug)A100% (no plug)1/2"8Flow Capacity (Flow Plug)A100% (no plug)1/2"8Flow Capacity (Flow Plug)A100% (no plug)1/2"9Filter Type0No Filter1/2"1/2"9Filter Type0No Filter1/2"1/2"10Pressure Gauge Option0No Gauges1/2"1/2" FNPT Stainless Steel Filter10Pressure Gauge Option0No Cauges1/2"1/2" SPIPT Stainless Steel Filter11Integral Purge Opti	4	Series Revision Level	В		В
Type Type Type C 1/2" - FNPT / 300# Flange C 1/2" - 150# Flange / 150# Flange E 1/2" - 150# Flange / 300# Flange 6 Setting Range (in. WC) A -0.1 and including 3.0 6 Setting Range (in. WC) A -0.1 and including 3.0 7 Material, Seals, Gaskets * A Buna-N 8 Neoprene C Viton 9 FI Chemraz* * F 8 Flow Capacity (Flow Plug) A 100% (no plug) 8 Flow Capacity (Flow Plug) A 100% (no plug) 8 Flow Capacity (Flow Plug) A 100% (no plug) 9 Filter Type 0 No Filter 10 Pressure Gauge Option 1/2	5	Connections	А	1/2" - FNPT / FNPT	
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2 Sense line only	11	Integral Purge Option	0	No Integral Purge	
			1	Outlet line only	
3 Both			2	Sense line only	
			3	Both	

* 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".

1	PART NO:		3	0	В											
	DIGIT #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

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	Х	Not included	
		А	Incl. w/ 1" 150# flange outlet connection	
14 - 15	Single Port Sensing	00	Single port sensing not required	
14 - 15	Sensing Outlet Tube Length	01	Dimension "A" is 1"	
		02	Dimension "A" is 2"	
		03	Dimension "A" is 3"	
	See below on how to determine "A"	04	Dimension "A" is 4"	
		05	Dimension "A" is 5"	
		06	Dimension "A" is 6"	
	Consult factory for	07	Dimension "A" is 7"	
	dimensions outside of this	08	Dimension "A" is 8"	
		09	Dimension "A" is 9"	
		10	Dimension "A" is 10"	
	Note: If dimension "A" is	11	Dimension "A" is 11"	
	less than 4.5" consult	12	Dimension "A" is 12"	
	factory		Dimension "A" is 13"	
			Dimension "A" is 14"	
			Dimension "A" is 15"	
		16	Dimension "A" is 16"	
		17	Dimension "A" is 17"	
		18	Dimension "A" is 18"	

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 $4.5 \le L-D \le 8$, then $A = D^* + 2$ When 8 < L-D, then $A = D^* + 5$ If L-D < 4.5, Consult Factory

