

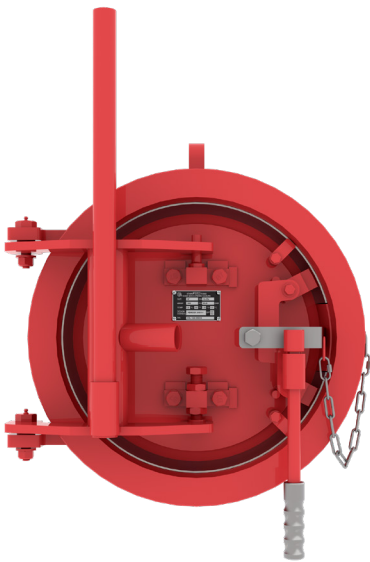
# S-3000 INTERNAL DOOR QUICK OPENING CLOSURE

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## PART GUIDE

# S-3000 INTERNAL DOOR QUICK OPENING CLOSURE

The S-3000 is Stark's Internal Door design which is manufactured in diameters ranging from 6" to 84" (DN150 to DN2100). The closure design concept relies on the proven method of a locking ring that slides into the closures outer hub. When expanded to the closed position, the locking ring assembly securely latches the door into place. Durable components are used to actuate the locking ring and are designed to withstand the demands of long-term operation. Depending on size and pressure, Internal Door closures may come with an O-Ring, or Lipseal. Lipseal designs are identified as S-3000L.



## BENEFITS:

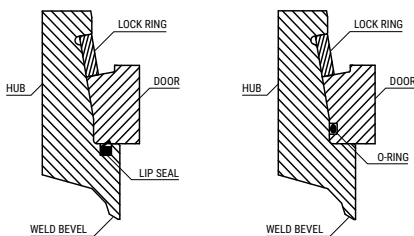
- Broad Size Range and Pressure Series
- O-Ring design with large cross section on horizontal and vertical closures, for positive seal, protection from light wear and corrosion, and cost efficiency
- Lip seal design on horizontal and vertical closures
- Improved operation with load binder assist on horizontal sizes 24" (DN600) and larger
- Fail-safe design

## STANDARDS:

- Certified to ASME B31.3/B31.4/B31.8/CSA Z662 Cat. I / ASME SEC VIII DIV. 1
- Pressure Alert Valve per UG-35.2 of ASME BPVC VIII DIV. 1
- Nace MR0175 compliant material
- -50° to + 400°F (-45° to 204°C)
- Viton O-Ring supplied with closure with O-Ring design

## OPTIONS:

- Flanged Closure – welded connection
- ASME BPVC VIII DIV. 1 with U-Stamp for door only or whole closure (hub, door, locking ring)
- Stainless Steel, duplex, super-duplex
- Inconel or Stainless Steel weld overlay
- External hinge trim for Offshore uses
- Special materials and O-Rings/Seals
- Horizontal or Vertical orientation
- Hydraulic lift on vertical closures



Vertical Closure  
Lip Seal Position

Horizontal & Vertical  
Closure O-Ring Position

# S-3000 Internal Door Closure Series 150 - 10" to 24"

- ASME B31.3/B31.4/B31.8/CSA Z662 Cat. I

- Maximum test pressure is 1.5 times design pressure
- \*Full 285 PSI M.A.W.P. with DF 0.5 and/or 0.6 cannot be met, please consult factory for max. pressure per DF

NOTICE: See table on page 9 for common O-Ring options.  
Specialty O-Rings available for order upon request.

## DIMENSIONS AND WEIGHTS

SIZE	WT (LBS) HOR/VERT	H x W x L (HOR)	H x W x L (VERT)
10"	250 / 263	18" x 17" x 12"	29" x 18" x 24"
12"	300 / 315	20" x 18" x 12"	30" x 20" x 26"
14"	335 / 352	21" x 19" x 13"	31" x 21" x 27"
16"	400 / 420	23" x 23" x 14"	32" x 23" x 29"
18"	500 / 525	25" x 24" x 15"	33" x 25" x 31"
20"	1000 / 1050	27" x 25" x 15"	35" x 27" x 33"
22"	1100 / 1155	29" x 30" x 16"	36" x 29" x 37"
24"	1200 / 1260	31" x 33" x 17"	37" x 31" x 39"

WEIGHTS ARE BASED ON CL 600

SIZE (Inch)	Matching Wall Thickness & Pipe Schedule	CLOSURE = ASME B31.3/B31.4/B31.8/CSA Z662 Cat. I			HUB = ASME B31.3/B31.4/B31.8/CSA Z662 Cat. I DOOR = U-STAMP ON DOOR WITH U-2A REPORT		
		Horizontal Right-Handed Series 150 M.A.W.P at DF (0.5/0.6): 285PSI	Horizontal Left-Handed Series 150 M.A.W.P at DF (0.5/0.6): 285PSI	Vertical Series 150 M.A.W.P at DF (0.5/0.6): 285PSI	Horizontal Right-Handed Series 150 M.A.W.P at DF (0.5/0.6): 285PSI	Horizontal Left-Handed Series 150 M.A.W.P at DF (0.5/0.6): 285PSI	Vertical Series 150 M.A.W.P at DF (0.5/0.6): 285PSI
		PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER
10"	0.365"/STD	COR-1011-0365-S	COL-1011-0365-S	COV-1011-0500-S	COR-1011-0365-D	COL-1011-0365-D	COV-1011-0500-D
10"	0.500" /XH	COR-1011-0500-S	COL-1011-0500-S	COV-1011-0500-S	COR-1011-0500-D	COL-1011-0500-D	COV-1011-0500-D
10"	Flanged	COR-1011-0000-F	COL-1011-0000-F	COV-1011-0000-F	COR-1011-0000-F	COL-1011-0000-F	COV-1011-0000-F
12"	0.375"/STD	COR-1211-0375-S	COL-1211-0375-S	COV-1211-0375-S	COR-1211-0375-D	COL-1211-0375-D	COV-1211-0375-D
12"	0.500" /XH	COR-1211-0500-S	COL-1211-0500-S	COV-1211-0500-S	COR-1211-0500-D	COL-1211-0500-D	COV-1211-0500-D
12"	Flanged	COR-1211-0000-F	COL-1211-0000-F	COV-1211-0000-F	COR-1211-0000-F	COL-1211-0000-F	COV-1211-0000-F
14"	0.375"/STD	COR-1411-0375-S	COL-1411-0375-S	COV-1411-0375-S	COR-1411-0375-D	COL-1411-0375-D	COV-1411-0375-D
14"	0.500" /XH	COR-1411-0500-S	COL-1411-0500-S	COV-1411-0500-S	COR-1411-0500-D	COL-1411-0500-D	COV-1411-0500-D
14"	Flanged	COR-1411-0000-F	COL-1411-0000-F	COV-1411-0000-F	COR-1411-0000-F	COL-1411-0000-F	COV-1411-0000-F
16"	0.375"/STD	COR-1611-0375-S	COL-1611-0375-S	COV-1611-0375-S	COR-1611-0375-D	COL-1611-0375-D	COV-1611-0375-D
16"	0.500" /XH	COR-1611-0500-S	COL-1611-0500-S	COV-1611-0500-S	COR-1611-0500-D	COL-1611-0500-D	COV-1611-0500-D
16"	Flanged	COR-1611-0000-F	COL-1611-0000-F	COV-1611-0000-F	COR-1611-0000-F	COL-1611-0000-F	COV-1611-0000-F
18"	0.375"/STD	COR-1811-0375-S	COL-1811-0375-S	COV-1811-0375-S	COR-1811-0375-D	COL-1811-0375-D	COV-1811-0375-D
18"	0.500" /XH	COR-1811-0500-S	COL-1811-0500-S	COV-1811-0500-S	COR-1811-0500-D	COL-1811-0500-D	COV-1811-0500-D
18"	Flanged	COR-1811-0000-F	COL-1811-0000-F	COV-1811-0000-F	COR-1811-0000-F	COL-1811-0000-F	COV-1811-0000-F
20"	0.375"/STD	COR-2011-0375-S	COL-2011-0375-S	COV-2011-0375-S	COR-2011-0375-D	COL-2011-0375-D	COV-2011-0375-D
20"	0.500" /XH	COR-2011-0500-S	COL-2011-0500-S	COV-2011-0500-S	COR-2011-0500-D	COL-2011-0500-D	COV-2011-0500-D
20"	Flanged	COR-2011-0000-F	COL-2011-0000-F	COV-2011-0000-F	COR-2011-0000-F	COL-2011-0000-F	COV-2011-0000-F
22"	0.375"/STD	COR-2211-0375-S	COL-2211-0375-S	COV-2211-0375-S	COR-2211-0375-D	COL-2211-0375-D	COV-2211-0375-D
22"	0.500" /XH	COR-2211-0500-S	COL-2211-0500-S	COV-2211-0500-S	COR-2211-0500-D	COL-2211-0500-D	COV-2211-0500-D
22"	Flanged	COR-2211-0000-F	COL-2211-0000-F	COV-2231-0000-F	COR-2211-0000-F	COL-2211-0000-F	COV-2231-0000-F
24"	0.375"	COR-2411-0375-S	COL-2411-0375-S	COV-2411-0375-S	COR-2411-0375-P*	COL-2411-0375-P*	COV-2411-0375-P*
24"	0.500"	COR-2411-0500-S	COL-2411-0500-S	COV-2411-0500-S	COR-2411-0500-D	COL-2411-0500-D	COV-2411-0500-D
24"	0.625"	COR-2411-0625-S	COL-2411-0625-S	COV-2411-0625-S	COR-2411-0625-D	COL-2411-0625-D	COV-2411-0625-D
24"	0.750"	COR-2411-0750-S	COL-2411-0750-S	COV-2411-0750-S	COR-2411-0750-D	COL-2411-0750-D	COV-2411-0750-D
24"	Flanged	COR-2411-0000-F	COL-2411-0000-F	COV-2411-0000-F	COR-2411-0000-F	COL-2411-0000-F	COV-2411-0000-F

# S-3000 Internal Door Closure Series 150 - 30" to 48"

- ASME B31.3/B31.4/B31.8/CSA Z662 Cat. I

DIMENSIONS AND WEIGHTS			
SIZE	WT (LBS) HOR/VERT	H x W x L (HOR)	H x W x L (VERT)
30"	2179 / 2288	39" x 41" x 19"	41" x 39" x 47"
36"	3634 / 3816	47" x 49" x 23"	46" x 47" x 55"
42"	4717 / 4848	55" x 57" x 26"	48" x 55" x 65"
48"	6598 / 6928	62" x 65" x 29"	54" x 62" x 72"

- Maximum test pressure is 1.5 times design pressure

NOTICE: See table on page 9 for common O-Ring options.  
Specialty O-Rings available for order upon request.

WEIGHTS ARE BASED ON CL 600

SIZE (Inch)	Matching Wall Thickness & Pipe Schedule	CLOSURE = ASME B31.3/B31.4/B31.8/CSA Z662 Cat. I			HUB = ASME B31.3/B31.4/B31.8/CSA Z662 Cat. I DOOR = U-STAMP ON DOOR WITH U-2A REPORT		
		Horizontal Right-Handed Series 150 M.A.W.P at DF (0.5/0.6): 285PSI	Horizontal Left-Handed Series 150 M.A.W.P at DF (0.5/0.6): 285PSI	Vertical Series 150 M.A.W.P at DF (0.5/0.6): 285PSI	Horizontal Right-Handed Series 150 M.A.W.P at DF (0.5/0.6): 285PSI	Horizontal Left-Handed Series 150 M.A.W.P at DF (0.5/0.6): 285PSI	Vertical Series 150 M.A.W.P at DF (0.5/0.6): 285PSI
		PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER
30"	0.500"	COR-3011-0500-S	COL-3011-0500-S	COV-3011-0500-S	COR-3011-0500-D	COL-3011-0500-D	COV-3011-0500-D
30"	0.625"	COR-3011-0625-S	COL-3011-0625-S	COV-3011-0625-S	COR-3011-0625-D	COL-3011-0625-D	COV-3011-0625-D
30"	0.750"	COR-3011-0750-S	COL-3011-0750-S	COV-3011-0750-F	COR-3011-0750-D	COL-3011-0750-D	COV-3011-0750-D
30"	0.875"	COR-3011-0875-S	COL-3011-0875-S	COV-3011-0875-S	COR-3011-0875-D	COL-3011-0875-D	COV-3011-0875-D
30"	Flanged	COR-3011-0000-F	COL-3011-0000-F	COV-3011-0000-F	COR-3011-0000-F	COL-3011-0000-F	COV-3011-0000-F
36"	0.375"	COR-3611-0375-S	COL-3611-0375-S	COV-3611-0375-S	COR-3611-0375-D	COL-3611-0375-D	COV-3611-0375-D
36"	0.500"	COR-3611-0500-S	COL-3611-0500-S	COV-3611-0500-S	COR-3614-0500-D	COL-3614-0500-D	COV-3614-0500-D
36"	0.625"	COR-3611-0625-S	COL-3611-0625-S	COV-3611-0625-S	COR-3614-0625-D	COL-3614-0625-D	COV-3614-0625-D
36"	0.750"	COR-3611-0750-S	COL-3611-0750-S	COV-3611-0750-S	COR-3614-0750-D	COL-3614-0750-D	COV-3614-0750-D
36"	0.875"	COR-3611-0875-S	COL-3611-0875-S	COV-3611-0875-S	COR-3614-0875-D	COL-3614-0875-D	COV-3614-0875-D
36"	Flanged	COR-3611-0000-F	COL-3611-0000-F	COV-3611-0000-F	COR-3614-0000-F	COL-3614-0000-F	COV-3614-0000-F
42"	0.375"	COR-4211-0375-S	COL-4211-0375-S	COV-4211-0375-S	COR-4211-0375-D	COL-4211-0375-D	COV-4211-0375-D
42"	0.500"	COR-4211-0500-S	COL-4211-0500-S	COV-4211-0500-S	COR-4211-0500-D	COL-4211-0500-D	COV-4211-0500-D
42"	0.625"	COR-4211-0625-S	COL-4211-0625-S	COV-4211-0625-S	COR-4211-0625-D	COL-4211-0625-D	COV-4211-0625-D
42"	0.750"	COR-4211-0750-S	COL-4211-0750-S	COV-4211-0750-S	COR-4211-0750-D	COL-4211-0750-D	COV-4211-0750-D
42"	0.875"	COR-4211-0875-S	COL-4211-0875-S	COV-4211-0875-S	COR-4211-0875-D	COL-4211-0875-D	COV-4211-0875-D
42"	1.000"	COR-4211-1000-S	COL-4211-1000-S	COV-4211-1000-S	COR-4211-1000-D	COL-4211-1000-D	COV-4211-1000-D
42"	Flanged	COR-4211-0000-F	COL-4211-0000-F	COV-4211-0000-F	COR-4211-0000-F	COL-4211-0000-F	COV-4211-0000-F
48"	0.375"	COR-4811-0375-S	COL-4811-0375-S	COV-4811-0375-S	COR-4811-0375-D	COL-4811-0375-D	COV-4811-0375-D
48"	0.500"	COR-4811-0500-S	COL-4811-0500-S	COV-4811-0500-S	COR-4811-0500-D	COL-4811-0500-D	COV-4811-0500-D
48"	0.625"	COR-4811-0625-S	COL-4811-0625-S	COV-4811-0625-S	COR-4811-0625-D	COL-4811-0625-D	COV-4811-0625-D
48"	0.750"	COR-4811-0750-S	COL-4811-0750-S	COV-4811-0750-S	COR-4811-0750-D	COL-4811-0750-D	COV-4811-0750-D
48"	0.875"	COR-4811-0875-S	COL-4811-0875-S	COV-4811-0875-S	COR-4811-0875-D	COL-4811-0875-D	COV-4811-0875-D
48"	1.000"	COR-4811-1000-S	COL-4811-1000-S	COV-4811-1000-S	COR-4811-1000-D	COL-4811-1000-D	COV-4811-1000-D
48"	Flanged	COR-4811-0000-F	COL-4811-0000-F	COV-4811-0000-F	COR-4811-0000-F	COL-4811-0000-F	COV-4811-0000-F

# S-3000 Internal Door Closure Series 300 - 10" to 24"

- ASME B31.3/B31.4/B31.8/CSA Z662 Cat. I

- Maximum test pressure is 1.5 times design pressure

NOTICE: See table on page 9 for common O-Ring options.  
Specialty O-Rings available for order upon request.

DIMENSIONS AND WEIGHTS			
SIZE	WT (LBS) HOR/VERT	H x W x L (HOR)	H x W x L (VERT)
10"	250 / 263	18" x 17" x 12"	29" x 18" x 24"
12"	300 / 315	20" x 18" x 12"	30" x 20" x 26"
14"	335 / 352	21" x 19" x 13"	31" x 21" x 27"
16"	400 / 400	23" x 23" x 14"	32" x 23" x 29"
18"	500 / 525	25" x 24" x 15"	33" x 25" x 31"
20"	1000 / 1050	27" x 25" x 15"	35" x 27" x 33"
22"	1100 / 1155	29" x 30" x 16"	36" x 29" x 37"
24"	1200 / 1260	31" x 33" x 17"	37" x 31" x 39"

WEIGHTS ARE BASED ON CL 600

SIZE (Inch)	Matching Wall Thickness & Pipe Schedule	CLOSURE = ASME B31.3/B31.4/B31.8/CSA Z662 Cat. I			HUB = ASME B31.3/B31.4/B31.8/CSA Z662 Cat. I DOOR = U-STAMP ON DOOR WITH U-2A REPORT		
		Horizontal Right-Handed Series 300 M.A.W.P at DF (0.5/0.6): 740PSI	Horizontal Left-Handed Series 300 M.A.W.P at DF (0.5/0.6): 740PSI	Vertical Series 300 M.A.W.P at DF (0.5/0.6): 740PSI	Horizontal Right-Handed Series 300 M.A.W.P at DF (0.5/0.6): 740PSI	Horizontal Left-Handed Series 300 M.A.W.P at DF (0.5/0.6): 740PSI	Vertical Series 300 M.A.W.P at DF (0.5/0.6): 740PSI
		PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER
10"	0.365"/STD	COR-1021-0365-S	COL-1021-0365-S	COV1021-0500-S	COR-1021-0365-D	COL-1021-0365-D	COV-1021-0500-D
10"	0.500"/XH	COR-1021-0500-S	COL-1021-0500-S	COV-1021-0500-S	COR-1021-0500-D	COL-1021-0500-D	COV-1021-0500-D
10"	Flanged	COR-1021-0000-F	COL-1021-0000-F	COV-1021-0000-F	COR-1021-0000-F	COL-1021-0000-F	COV-1021-0000-F
12"	0.375"/STD	COR-1221-0375-S	COL-1221-0375-S	COV-1221-0375-S	COR-1221-0375-D	COL-1221-0375-D	COV-1221-0375-D
12"	0.500"/XH	COR-1221-0500-S	COL-1221-0500-S	COV-1221-0500-S	COR-1221-0500-D	COL-1221-0500-D	COV-1221-0500-D
12"	Flanged	COR-1221-0000-F	COL-1221-0000-F	COV-1221-0000-F	COR-1221-0000-F	COL-1221-0000-F	COV-1221-0000-F
14"	0.375"/STD	COR-1421-0375-S	COL-1421-0375-S	COV-1421-0375-S	COR-1421-0375-D	COL-1421-0375-D	COV-1421-0375-D
14"	0.500"/STD	COR-1421-0500-S	COL-1421-0500-S	COV-1421-0500-S	COR-1421-0500-D	COL-1421-0500-D	COV-1421-0500-D
14"	Flanged	COR-1421-0000-F	COL-1421-0000-F	COV-1421-0000-F	COR-1421-0000-F	COL-1421-0000-F	COV-1421-0000-F
16"	0.375"/STD	COR-1621-0375-S	COL-1621-0375-S	COV-1621-0375-S	COR-1621-0375-D	COL-1621-0375-D	COV-1621-0375-D
16"	0.500"/XH	COR-1621-0500-S	COL-1621-0500-S	COV-1621-0500-S	COR-1621-0500-D	COL-1621-0500-D	COV-1621-0500-D
16"	Flanged	COR-1621-0000-F	COL-1621-0000-F	COV-1621-0000-F	COR-1621-0000-F	COL-1621-0000-F	COV-1621-0000-F
18"	0.375"/STD	COR-1821-0375-S	COL-1821-0375-S	COV-1821-0375-S	COR-1821-0375-D	COL-1821-0375-D	COV-1821-0375-D
18"	0.500"/XH	COR-1821-0500-S	COL-1821-0500-S	COV-1821-0500-S	COR-1821-0500-D	COL-1821-0500-D	COV-1821-0500-D
18"	Flanged	COR-1821-0000-F	COL-1821-0000-S	COV-1821-0000-F	COR-1821-0000-F	COL-1821-0000-F	COV-1821-0000-F
20"	0.375"/STD	COR-2021-0375-S	COL-2021-0375-S	COV-2021-0375-S	COR-2021-0375-D	COL-2021-0375-D	COV-2021-0375-D
20"	0.500"/XH	COR-2021-0500-S	COL-2021-0500-S	COV-2021-0500-S	COR-2021-0500-D	COL-2021-0500-D	COV-2021-0500-D
20"	Flanged	COR-2021-0000-F	COL-2021-0000-F	COV-2021-0000-F	COR-2021-0000-F	COL-2021-0000-F	COV-2021-0000-F
22"	0.375"/STD	COR-2221-0375-S	COL-2221-0375-S	COV-2221-0375-S	COR-2221-0375-D	COL-2221-0375-D	COV-2221-0375-D
22"	0.500"/XH	COR-2221-0500-S	COL-2221-0500-S	COV-2221-0500-S	COR-2221-0500-D	COL-2221-0500-D	COV-2221-0500-D
22"	Flanged	COR-2221-0000-F	COL-2221-0000-F	COV-2221-0000-F	COR-2221-0000-F	COL-2221-0000-F	COV-2221-0000-F
24"	0.375"/STD	COR-2421-0375-S	COL-2421-0375-S	COV-2421-0375-S	COR-2421-0375-D	COL-2421-0375-D	COV-2421-0375-D
24"	0.500"/XH	COR-2421-0500-S	COL-2421-0500-S	COV-2421-0500-S	COR-2421-0500-D	COL-2421-0500-D	COV-2421-0500-D
24"	0.625"	COR-2421-0625-S	COL-2421-0625-S	COV-2421-0625-S	COR-2421-0625-D	COL-2421-0625-D	COV-2421-0625-D
24"	0.750"	COR-2421-0750-S	COL-2421-0750-S	COV-2421-0750-S	COR-2421-0750-D	COL-2421-0750-D	COV-2421-0750-D
24"	Flanged	COR-2421-0000-F	COL-2421-0000-F	COV-2421-0000-F	COR-2421-0000-F	COL-2421-0000-F	COV-2421-0000-F

# S-3000 Internal Door Closure Series 300 - 30" to 48"

- ASME B31.3/B31.4/B31.8/CSA Z662 Cat. I

DIMENSIONS AND WEIGHTS			
SIZE	WT (LBS) HOR/VERT	H x W x L (HOR)	H x W x L (VERT)
30"	2200 / 2310	39" x 41" x 19"	41" x 39" x 47"
36"	3400 / 3570	47" x 49" x 21"	44" x 47" x 55"
42"	4610 / 4841	55" x 57" x 24"	48" x 55" x 65"
48"	6100 / 6405	62" x 65" x 26"	52" x 62" x 72"

WEIGHTS ARE BASED ON CL 600

- Maximum test pressure is 1.5 times design pressure
- \*Full 740 PSI M.A.W.P. with DF 0.5 and/or 0.6 cannot be met, please consult factory for max. pressure per DF

NOTICE: See table on page 9 for common O-Ring options.  
Specialty O-Rings available for order upon request.

SIZE (Inch)	Matching Wall Thickness & Pipe Schedule	CLOSURE = ASME B31.3/B31.4/B31.8/CSA Z662 Cat. I			HUB = ASME B31.3/B31.4/B31.8/CSA Z662 Cat. I DOOR = U-STAMP ON DOOR WITH U-2A REPORT		
		Horizontal Right-Handed Series 300 M.A.W.P at DF (0.5/0.6): 740PSI	Horizontal Left-Handed Series 300 M.A.W.P at DF (0.5/0.6): 740PSI	Vertical Series 300 M.A.W.P at DF (0.5/0.6): 740PSI	Horizontal Right-Handed Series 300 M.A.W.P at DF (0.5/0.6): 740PSI	Horizontal Left-Handed Series 300 M.A.W.P at DF (0.5/0.6): 740PSI	Vertical Series 300 M.A.W.P at DF (0.5/0.6): 740PSI
		PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER
30"	0.375"	COR-3021-0375-S	COL-3021-0375-S	COV-3021-0375-S	COR-3021-0375-D	COL-3021-0375-D	COV-3021-0375-D
30"	0.625"	COR-3021-0625-S	COL-3021-0625-S	COV-3021-0625-S	COR-3021-0625-D	COL-3021-0625-D	COV-3021-0625-D
30"	0.750"	COR-3021-0750-S	COL-3021-0750-S	COV-3021-0750-S	COR-3021-0750-D	COL-3021-0750-D	COV-3021-0750-D
30"	0.875"	COR-3021-0875-S	COL-3021-0875-S	COV-3021-0875-S	COR-3021-0875-D	COL-3021-0875-D	COV-3021-0875-D
30"	Flanged	COR-3021-0000-F	COL-3021-0000-F	COV-3021-0000-F	COR-3021-0000-F	COL-3021-0000-F	COV-3021-0000-F
36"	0.375"	COR-3621-0375-S	COL-3621-0375-S	COV-3621-0375-S	COR-3621-0375-D	COL-3621-0375-D	COV-3621-0375-D
36"	0.500"	COR-3621-0500-S	COL-3621-0500-S	COV-3621-0500-S	COR-3621-0500-D	COL-3621-0500-D	COV-3621-0500-D
36"	0.625"	COR-3621-0625-S	COL-3621-0625-S	COV-3621-0625-S	COR-3621-0625-D	COL-3621-0625-D	COV-3621-0625-D
36"	0.750"	COR-3621-0750-S	COL-3621-0750-S	COV-3621-0750-S	COR-3621-0750-D	COL-3621-0750-D	COV-3621-0750-D
36"	0.875"	COR-3621-0875-S	COL-3621-0875-S	COV-3621-0875-S	COR-3621-0875-D	COL-3621-0875-D	COV-3621-0875-D
36"	Flanged	COR-3621-0000-F	COL-3621-0000-F	COV-3621-0000-F	COR-3621-0000-F	COL-3621-0000-F	COV-3621-0000-F
42"	0.375"	COR-4221-0375-P*	COL-4221-0375-P*	COV-4221-0375-P*	COR-4221-0375-P*	COL-4221-0375-P*	COV-4221-0375-P*
42"	0.500"	COR-4221-0500-S	COL-4221-0500-S	COV-4221-0500-S	COR-4221-0500-D	COL-4221-0500-D	COV-4221-0500-D
42"	0.625"	COR-4221-0625-S	COL-4221-0625-S	COV-4221-0625-S	COR-4221-0625-D	COL-4221-0625-D	COV-4221-0625-D
42"	0.750"	COR-4221-0750-S	COL-4221-0750-S	COV-4221-0750-S	COR-4221-0750-D	COL-4221-0750-D	COV-4221-0750-D
42"	0.875"	COR-4221-0875-S	COL-4221-0875-S	COV-4221-0875-S	COR-4221-0875-D	COL-4221-0875-D	COV-4221-0875-D
42"	1.000"	COR-4221-1000-S	COL-4221-1000-S	COV-4221-1000-S	COR-4221-1000-D	COL-4221-1000-D	COV-4221-1000-D
42"	Flanged	COR-4221-0000-F	COL-4221-0000-F	COV-4221-0000-F	COR-4221-0000-F	COL-4221-0000-F	COV-4221-0000-F
48"	0.375"	COR-4821-0375-P*	COL-4821-0375-P*	COV-4821-0375-P*	COR-4821-0375-P*	COL-4821-0375-P*	COV-4821-0375-P*
48"	0.500"	COR-4821-0500-P*	COL-4821-0500-P*	COV-4821-0500-P*	COR-4821-0500-P*	COL-4821-0500-P*	COV-4821-0500-P*
48"	0.625"	COR-4821-0625-S	COL-4821-0625-S	COV-4821-0625-S	COR-4821-0625-D	COL-4821-0625-D	COV-4821-0625-D
48"	0.750"	COR-4821-0750-S	COL-4821-0750-S	COV-4821-0750-S	COR-4821-0750-D	COL-4821-0750-D	COV-4821-0750-D
48"	0.875"	COR-4821-0875-S	COL-4821-0875-S	COV-4821-0875-S	COR-4821-0875-D	COL-4821-0875-D	COV-4821-0875-D
48"	1.000"	COR-4821-1000-S	COL-4821-1000-S	COV-4821-1000-S	COR-4821-1000-D	COL-4821-1000-D	COV-4821-1000-D
48"	Flanged	COR-4821-0000-F	COL-4821-0000-F	COV-4821-0000-F	COR-4821-0000-F	COL-4821-0000-F	COV-4821-0000-F

# S-3000 Internal Door Closure Series 600 - 10" to 24"

- ASME B31.3/B31.4/B31.8/CSA Z662 Cat. I

- Maximum test pressure is 1.5 times design pressure
- \*Full 1480 PSI M.A.W.P. with DF 0.5 and/or 0.6 cannot be met, please consult factory for max. pressure per DF

NOTICE: See table on page 9 for common O-Ring options.  
Specialty O-Rings available for order upon request.

DIMENSIONS AND WEIGHTS			
SIZE	WT (LBS) HOR/VERT	H x W x L (HOR)	H x W x L (VERT)
10"	250 / 263	18" x 17" x 12"	29" x 18" x 24"
12"	300 / 315	20" x 18" x 12"	30" x 20" x 26"
14"	335 / 352	21" x 19" x 13"	31" x 21" x 27"
16"	400 / 400	23" x 23" x 14"	32" x 23" x 29"
18"	500 / 525	25" x 24" x 15"	33" x 25" x 31"
20"	1000 / 1050	27" x 25" x 15"	35" x 27" x 33"
22"	1100 / 1155	29" x 30" x 16"	36" x 29" x 37"
24"	1200 / 1260	31" x 33" x 17"	37" x 31" x 39"

WEIGHTS ARE BASED ON CL 600

SIZE (Inch)	Matching Wall Thickness & Pipe Schedule	CLOSURE = ASME B31.3/B31.4/B31.8/CSA Z662 Cat. I			HUB = ASME B31.3/B31.4/B31.8/CSA Z662 Cat. I DOOR = U-STAMP ON DOOR WITH U-2A REPORT		
		Horizontal Right-Handed Series 600 M.A.W.P at DF (0.5/0.6): 1480PSI	Horizontal Left-Handed Series 600 M.A.W.P at DF (0.5/0.6): 1480PSI	Vertical Series 600 M.A.W.P at DF (0.5/0.6): 1480PSI	Horizontal Right-Handed Series 600 M.A.W.P at DF (0.5/0.6): 1480PSI	Horizontal Left-Handed Series 600 M.A.W.P at DF (0.5/0.6): 1480PSI	Vertical Series 600 M.A.W.P at DF (0.5/0.6): 1480PSI
		PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER
10"	0.365"/STD	COR-1031-0365-S	COL-1031-0365-S	COV-1031-0500-S	COR-1031-0365-D	COL-1031-0365-D	COV-1031-0500-D
10"	0.500"/XH	COR-1031-0500-S	COL-1031-0500-S	COV-1031-0500-S	COR-1031-0500-D	COL-1031-0500-D	COV-1031-0500-D
10"	Flanged	COR-1031-0000-F	COL-1031-0000-F	COV-1031-0000-F	COR-1031-0000-C	COL-1031-0000-C	COV-1031-0000-C
12"	0.375"/STD	COR-1231-0375-S	COL-1231-0375-S	COV-1231-0375-S	COR-1231-0375-D	COL-1231-0375-D	COV-1231-0375-D
12"	0.500"/XH	COR-1231-0500-S	COL-1231-0500-S	COV-1231-0500-S	COR-1231-0500-D	COL-1231-0500-D	COV-1231-0500-D
12"	Flanged	COR-1231-0000-F	COL-1231-0000-F	COV-1231-0000-F	COR-1231-0000-C	COL-1231-0000-C	COV-1231-0000-C
14"	0.375"/STD	COR-1431-0375-S	COL-1431-0375-S	COV-1431-0375-S	COR-1431-0375-D	COL-1431-0375-D	COV-1431-0375-D
14"	0.500" / XH	COR-1431-0500-S	COL-1431-0500-S	COV-1431-0500-S	COR-1431-0500-D	COL-1431-0500-D	COV-1431-0500-D
14"	Flanged	COR-1431-0000-F	COL-1431-0000-F	COV-1431-0000-F	COR-1431-0000-C	COL-1431-0000-C	COV-1431-0000-C
16"	0.375"/ Std	COR-1631-0375-S	COL-1631-0375-S	COV-1631-0375-S	COR-1631-0375-D	COL-1631-0375-D	COV-1631-0375-D
16"	0.500" / XH	COR-1631-0500-S	COL-1631-0500-S	COV-1631-0500-S	COR-1631-0500-D	COL-1631-0500-D	COV-1631-0500-D
16"	Flanged	COR-1631-0000-F	COL-1631-0000-F	COV-1631-0000-F	COR-1631-0000-C	COL-1631-0000-C	COV-1631-0000-C
18"	0.375"/ Std	COR-1831-0375-P*	COL-1831-0375-P*	COV-1631-0375-P*	COR-1831-0375-P*	COL-1831-0375-P*	COV-1631-0375-P*
18"	0.500" / XH	COR-1831-0500-S	COL-1831-0500-S	COV-1831-0500-S	COR-1831-0500-D	COL-1831-0500-D	COV-1831-0500-D
18"	Flanged	COR-1831-0000-F	COL-1831-0000-S	COV-1831-0000-F	COR-1831-0000-C	COL-1831-0000-C	COV-1831-0000-C
20"	0.375"/STD	COR-2032-0375-P*	COL-2032-0375-P*	COV-2032-0375-P*	COR-2032-0375-P*	COL-2032-0375-P*	COV-2032-0375-P*
20"	0.500" / XH	COR-2032-0500-S	COL-2032-0500-S	COV-2032-0500-S	COR-2032-0500-D	COL-2032-0500-D	COV-2032-0500-D
20"	Flanged	COR-2032-0000-F	COL-2032-0000-F	COV-2032-0000-F	COR-2032-0000-C	COL-2032-0000-C	COV-2032-0000-C
22"	0.375"/ STD	COR-2232-0375-P*	COL-2232-0375-P*	COV-2232-0375-P*	COR-2232-0375-P*	COL-2232-0375-P*	COV-2232-0375-P*
22"	0.500" / XH	COR-2232-0500-S	COL-2232-0500-S	COV-2232-0500-S	COR-2232-0500-D	COL-2232-0500-D	COV-2232-0500-D
22"	Flanged	COR-2232-0000-F	COL-2232-0000-F	COV-2232-0000-F	COR-2232-0000-C	COL-2232-0000-C	COV-2232-0000-C
24"	0.375"	COR-2435-0375-P*	COL-2435-0375-P*	COV-2435-0375-P*	COR-2435-0375-P*	COL-2435-0375-P*	COV-2435-0375-P*
24"	0.500"	COR-2433-0500-S	COL-2433-0500-S	COV-2433-0500-S	COR-2433-0500-D	COL-2433-0500-D	COV-2433-0500-D
24"	0.625"	COR-2433-0625-S	COL-2433-0625-S	COV-2433-0625-S	COR-2433-0625-D	COL-2433-0625-D	COV-2433-0625-D
24"	0.750"	COR-2433-0750-S	COL-2433-0750-S	COV-2433-0750-S	COR-2433-0750-D	COL-2433-0750-D	COV-2433-0750-D
24"	Flanged	COR-2433-0000-F	COL-2433-0000-F	COV-2433-0000-F	COR-2433-0000-C	COL-2433-0000-C	COV-2433-0000-C

# S-3000 Internal Door Closure Series 600 - 30" to 48"

- ASME B31.3/B31.4/B31.8/CSA Z662 Cat. I

DIMENSIONS AND WEIGHTS			
SIZE	WT (LBS) HOR/VERT	H x W x L (HOR)	H x W x L (VERT)
30"	2200 / 2310	39" x 41" x 19"	41" x 39" x 47"
36"	3400 / 3570	47" x 49" x 21"	44" x 47" x 55"
42"	4610 / 4841	55" x 57" x 24"	48" x 55" x 65"
48"	6100 / 6405	62" x 65" x 26"	52" x 62" x 72"

WEIGHTS ARE BASED ON CL 600

- Maximum test pressure is 1.5 times design pressure
- \*Full 1480 PSI M.A.W.P. with DF 0.5 and/or 0.6 cannot be met, please consult factory for max. pressure per DF

NOTICE: See table on page 9 for common O-Ring options.  
Specialty O-Rings available for order upon request.

SIZE (Inch)	Matching Wall Thickness & Pipe Schedule	CLOSURE = ASME B31.3/B31.4/B31.8/CSA Z662 Cat. I			HUB = ASME B31.3/B31.4/B31.8/CSA Z662 Cat. I DOOR = U-STAMP ON DOOR WITH U-2A REPORT		
		Horizontal Right-Handed Series 600 M.A.W.P at DF (0.5/0.6): 1480PSI	Horizontal Left-Handed Series 600 M.A.W.P at DF (0.5/0.6): 1480PSI	Vertical Series 600 M.A.W.P at DF (0.5/0.6):1480PSI	Horizontal Right-Handed Series 600 M.A.W.P at DF (0.5/0.6): 1480PSI	Horizontal Left-Handed Series 600 M.A.W.P at DF (0.5/0.6): 1480PSI	Vertical Series 600 M.A.W.P at DF (0.5/0.6): 1480PSI
		PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER
30"	0.375"	COR-3035-0375-P*	COL-3035-0375-P*	COV-3035-0375-P*	COR-3035-0375-P*	COL-3035-0375-P*	COV-3035-0375-P*
30"	0.500"	COR-3035-0500-S	COL-3035-0500-S	COV-3035-0500-S	COR-3035-0500-D	COL-3035-0500-D	COV-3035-0500-D
30"	0.625"	COR-3033-0625-S	COL-3033-0625-S	COV-3033-0625-S	COR-3033-0625-D	COL-3033-0625-D	COV-3033-0625-D
30"	0.750"	COR-3033-0750-S	COL-3033-0750-S	COV-3033-0750-F	COR-3033-0750-D	COL-3033-0750-D	COV-3033-0750-D
30"	0.875"	COR-3033-0875-S	COL-3033-0875-S	COV-3033-0875-S	COR-3033-0875-D	COL-3033-0875-D	COV-3033-0875-D
30"	Flanged	COR-3033-0000-F	COL-3033-0000-F	COV-3033-0000-F	COR-3033-0000-F	COL-3033-0000-F	COV-3033-0000-F
36"	0.375"	COR-3635-0375-P*	COL-3635-0375-P*	COV-3635-0375-P*	COR-3635-0375-P*	COL-3635-0375-P*	COV-3635-0375-P*
36"	0.500"	COR-3635-0500-P*	COL-3635-0500-P*	COV-3635-0500-P*	COR-3635-0500-P*	COL-3635-0500-P*	COV-3635-0500-P*
36"	0.625"	COR-3634-0625-S	COL-3634-0625-S	COV-3634-0625-S	COR-3634-0625-D	COL-3634-0625-D	COV-3634-0625-D
36"	0.750"	COR-3633-0750-S	COL-3633-0750-S	COV-3633-0750-S	COR-3633-0750-D	COL-3633-0750-D	COV-3633-0750-D
36"	0.875"	COR-3633-0875-S	COL-3633-0875-S	COV-3633-0875-S	COR-3633-0875-D	COL-3633-0875-D	COV-3633-0875-D
36"	Flanged	COR-3633-0000-F	COL-3633-0000-F	COV-3633-0000-F	COR-3633-0000-F	COL-3633-0000-F	COV-3633-0000-F
42"	0.375"	COR-4235-0375-P*	COL-4235-0375-P*	COV-4235-0375-P*	COR-4235-0375-P*	COL-4235-0375-P*	COV-4235-0375-P*
42"	0.500"	COR-4235-0500-P*	COL-4235-0500-P*	COV-4235-0500-P*	COR-4235-0500-P*	COL-4235-0500-P*	COV-4235-0500-P*
42"	0.625"	COR-4235-0625-P*	COL-4235-0625-P*	COV-4235-0625-P*	COR-4235-0625-P*	COL-4235-0625-P*	COV-4235-0625-P*
42"	0.750"	COR-4234-0750-S	COL-4234-0750-S	COV-4234-0750-S	COR-4234-0750-D	COL-4234-0750-D	COV-4234-0750-D
42"	0.875"	COR-4233-0875-S	COL-4233-0875-S	COV-4233-0875-S	COR-4233-0875-D	COL-4233-0875-D	COV-4233-0875-D
42"	1.000"	COR-4233-1000-S	COL-4233-1000-S	COV-4233-1000-S	COR-4233-1000-D	COL-4233-1000-D	COV-4233-1000-D
42"	Flanged	COR-4233-0000-F	COL-4233-0000-F	COV-4233-0000-F	COR-4233-0000-F	COL-4233-0000-F	COV-4233-0000-F
48"	0.375"	COR-4835-0375-P*	COL-4835-0375-P*	COV-4835-0375-P*	COR-4835-0375-P*	COL-4835-0375-P*	COV-4835-0375-P*
48"	0.500"	COR-4835-0500-P*	COL-4835-0500-P*	COV-4835-0500-P*	COR-4835-0500-P*	COL-4835-0500-P*	COV-4835-0500-P*
48"	0.625"	COR-4835-0625-P*	COL-4835-0625-P*	COV-4835-0625-P*	COR-4835-0625-P*	COL-4835-0625-P*	COV-4835-0625-P*
48"	0.750"	COR-4834-0750-S	COL-4834-0750-S	COV-4834-0750-S	COR-4834-0750-S	COL-4834-0750-S	COV-4834-0750-S
48"	0.875"	COR-4834-0875-S	COL-4834-0875-S	COV-4834-0875-S	COR-4834-0875-D	COL-4834-0875-D	COV-4834-0875-D
48"	1.000"	COR-4833-1000-S	COL-4833-1000-S	COV-4833-1000-S	COR-4833-1000-D	COL-4833-1000-D	COV-4833-1000-D
48"	Flanged	COR-4833-0000-F	COL-4833-0000-F	COV-4833-0000-F	COR-4833-0000-F	COL-4833-0000-F	COV-4833-0000-F



## S-3000 Internal Door Closure Part Numbers and Dimensions Spare Parts and O-Rings

### PRESSURE ALERT VALVE (PAV)

MATERIAL	PART NUMBER
Carbon Steel PAV	CAI-01
Stainless Steel PAV	CAI-02

### O-RINGS

SIZE	BUNA-N	VITON	LOW TEMP BUNA-N	LOW TEMP VITON
6"	CSI-601	CSI-605	CSI-602	CSI-606
8"	CSI-801	CSI-805	CSI-802	CSI-806
10"	CSI-1001	CSI-1005	CSI-1002	CSI-1006
12"	CSI-1201	CSI-1205	CSI-1202	CSI-1206
14"	CSI-1401	CSI-1405	CSI-1402	CSI-1406
16"	CSI-1601	CSI-1605	CSI-1602	CSI-1606
18"	CSI-1801	CSI-1805	CSI-1802	CSI-1806
20"	CSI-2001	CSI-2005	CSI-2002	CSI-2006
22"	CSI-2201	CSI-2205	CSI-2202	CSI-2206
24"	CSI-2401	CSI-2405	CSI-2402	CSI-2406
26"	CSI-2601	CSI-2605	CSI-2602	CSI-2606
28"	CSI-2801	CSI-2805	CSI-2802	CSI-2806
30"	CSI-3001	CSI-3005	CSI-3002	CSI-3006
32"	CSI-3201	CSI-3205	CSI-3202	CSI-3206
34"	CSI-3401	CSI-3405	CSI-3402	CSI-3406
36"	CSI-3601	CSI-3605	CSI-3602	CSI-3606
38"	CSI-3801	CSI-3805	CSI-3802	CSI-3806
40"	CSI-4001	CSI-4005	CSI-4002	CSI-4006
42"	CSI-4201	CSI-4205	CSI-4202	CST-4206
44"	CSI-4401	CSI-4405	CSI-4402	CSI-4406
46"	CSI-4601	CSI-4605	CSI-4602	CSI-4606
48"	CSI-4801	CSI-4805	CSI-4802	CSI-4806
50"	CSI-5001	CSI-5005	CSI-5002	CSI-5006
52"	CSI-5201	CSI-5205	CSI-5202	CSI-5206
54"	CSI-5401	CSI-5405	CSI-5402	CSI-5406
56"	CSI-5601	CSI-5605	CSI-5602	CSI-5606
58"	CSI-5801	CSI-5805	CSI-5802	CSI-5806
60"	CSI-6001	CSI-6005	CSI-6002	CSI-6006

\*Lip Seals available depending on closure size and pressure. More O-Ring options available.  
Consult factory for more information