



Badger Meter

THIS IS PART OF
CRN OF 18855.5
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program

Label
Oct. 18/16

Summary of Scope of CRN

SR-CRN-Badger-Rev 0



Port Sizes	ASME B31.3 Table A-1 Materials of Construction	NPT/BSPT (psi)	B16.5 150# (psi)	B16.5 300# (psi)	DIN (bar)	Design Temp. Range (°F)
1/4"	Body: UNS S31600, A479, 316 [2] Cover: UNS S31603, A351, CP8M Cap Screws: A193 B8, 304	1500	N/A	N/A	N/A	-22 to 240 -22 to 176 [1]
	Body, Cover: UNS A96061, B210 temper T6 Cap Screws: A193 B8, 304	1000	N/A	N/A	N/A	-22 to 240 -22 to 176 [1]
1/2"	Body, Cover: UNS S31600 A479 316 [2] Flange: Group 2.2 [3] Pipe: UNS S31603 A312 TP316L Cap Screws: A193 B8, 304	3000	275	N/A	16	-22 to 240 -22 to 176 [1]
	Body, Cover: UNS A96061, B210 temper T6 Flange: UNS A96061 B247 T6 Pipe: UNS A96061, B241 T6 Cap Screws: A193 B8, 304	2000	275	N/A	16	-22 to 240 -22 to 176 [1]
3/4"	Body, Cover: UNS S31600 A479 316 [2] Flange: Group 2.2 [3] Pipe: UNS S31603, A312, TP316L Cap Screws: A193 B8, 304	3000	275	720	16	-22 to 240 -22 to 176 [1]
	Body, Cover: UNS A96061, B210 temper T4 Flange: UNS A96061, B247 T6 Pipe: UNS A96061, B241 T6 Cap Screws: A193 B8, 304	2000	275	N/A	16	-22 to 240 -22 to 176 [1]
1"	Body, Cover: UNS S31600 A479 316 [2] Flange: Group 2.2 [3] Pipe: UNS S31603, A312, TP316L Cap Screws: A193 B8, 304	3000	275	740	16	-22 to 240 -22 to 176 [1]
	Body, Cover: UNS A96061, B210 temper T4 Flange: UNS A96061, B247 T6 Pipe: UNS A96061, B241 T6 Cap Screws: A193 B8, 304	2000	275	N/A	16	-22 to 240 -22 to 176 [1]



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1" HF	Body, Cover: UNS S31600 A479 316 [2] Flange: Group 2.2 [3] Pipe: UNS S31603, A312, TP316L Cap Screws: A193 B8, 304	3000	275	720	16	-22 to 240 -22 to 176 [1]
	Body, Cover: UNS A96061, B210 temper T4 Flange: UNS A96061, B247 T6 Pipe: UNS A96061, B241 T6 Cap Screws: A193 B8, 304	2000	275	N/A	16	-22 to 240 -22 to 176 [1]
1-1/2"	Body, Cover: UNS S31600 A479 316 [2] Flange: Group 2.2 [3] Pipe: UNS S31603, A312, TP316L Cap Screws: A193 B8, 304	2000	275	720	16	-22 to 240 -22 to 176 [1]
	Body, Cover: UNS A96061, B210 temper T4 Flange: UNS A96061, B247 T6 Pipe: UNS A96061, B241 T6 Cap Screws: A193 B8, 304	1500	275	N/A	16	-22 to 240 -22 to 176 [1]
2"	Body, Cover: UNS S31600 A479 316 [2] Flange: Group 2.2 [3] Pipe: UNS S31603, A312, TP316L Cap Screws: A193 B8, 304	1500	275	720	16	-22 to 240 -22 to 176 [1]
	Body, Cover: UNS A96061, B210 temper T4 Flange: UNS A96061, B247 T6 Pipe: UNS A96061, B241 T6 Cap Screws: A193 B8, 304	1000	275	720	16	-22 to 240 -22 to 176 [1]
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CRN 0718855.5
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luke
06.10/10



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Notes:

- [1] Temperature range for LCP rotor -22 to 176 °F only.
- [2] Equivalently tested to meet UNS S31635 316Ti requirements by material supplier.
- [3] Group 2.2 flange material UNS S31600 A182 F316

Approved by: THOMAS REISS Title: Sr. MECHANICAL ENGINEER

Signature: *Thomas Reiss* Date: 10/16/2016

