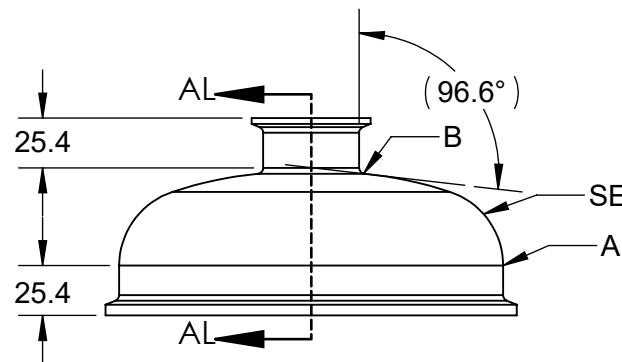
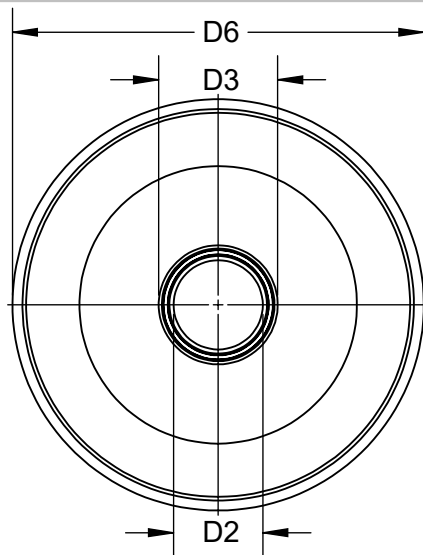
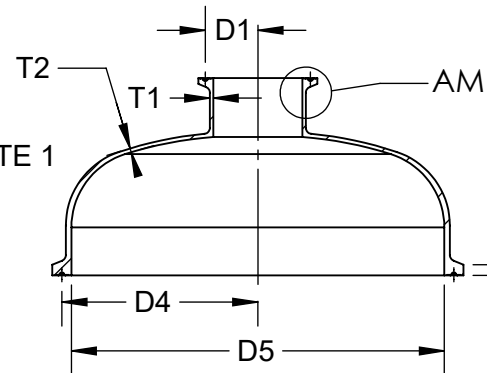
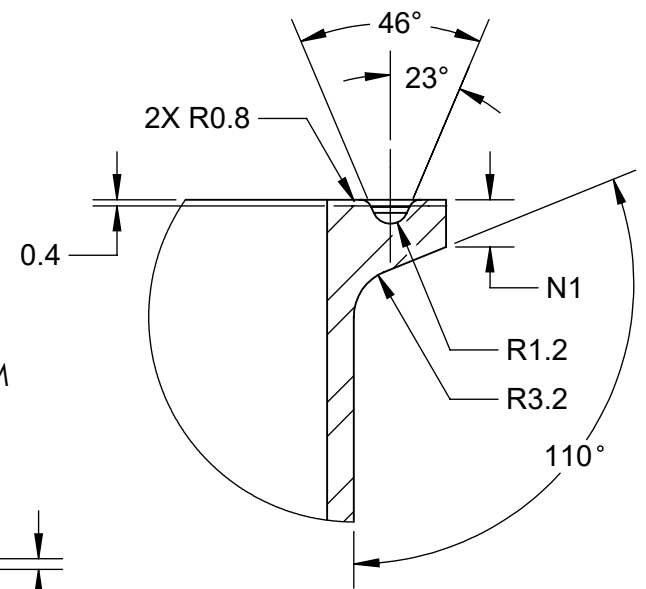
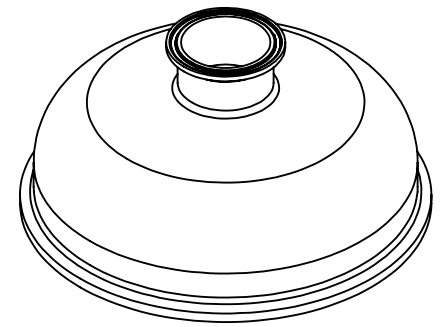




SEE NOTE 1



SECTION AL-AL
SCALE 1 : 4



DETAIL AM
SCALE 2 : 1

NOTE:

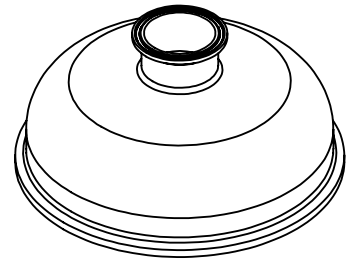
1. SMOOTH CONTINUOUS SURFACE FROM POINT A TO B SIMILAR TO D2 SHOWN. TANGENT TO VERTICAL AT POINT A
2. TUBE SECTIONS PER ASTM A269 , ASTM A270
3. SANITARY FINISH - 32 RA MAXIMUM

TITLE: HEMI REDUCERS, TRI-CLAMP, DRAWING		MATERIAL:304 STAINLESS STEEL		NAME	TOLERANCES UNLESS OTHERWISE SPECIFIED <table><tr><td>DECIMALS</td><td>IN</td><td>MM</td></tr><tr><td>X</td><td>+/- .1</td><td>+/- .8</td></tr><tr><td>XX</td><td>+/- .01</td><td>+/- .25</td></tr><tr><td>XXX</td><td>+/- .00</td><td></td></tr><tr><td>ANGULAR</td><td>+/- 1°</td><td>+/- 1°</td></tr></table>	DECIMALS	IN	MM	X	+/- .1	+/- .8	XX	+/- .01	+/- .25	XXX	+/- .00		ANGULAR	+/- 1°	+/- 1°	 PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BEST VALUE VACS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BEST VALUE VACS IS PROHIBITED.
		DECIMALS	IN	MM																	
X	+/- .1	+/- .8																			
XX	+/- .01	+/- .25																			
XXX	+/- .00																				
ANGULAR	+/- 1°	+/- 1°																			
FINISH: POLISHED		DRAWN	JB																		
DATE: 10/5/2020	REVISION: 00	UNITS: MM	CHECKED																		
SHEET:1 OF 10	SHEET SIZE: A	SCALE: 1:5	ENG APPR.																		

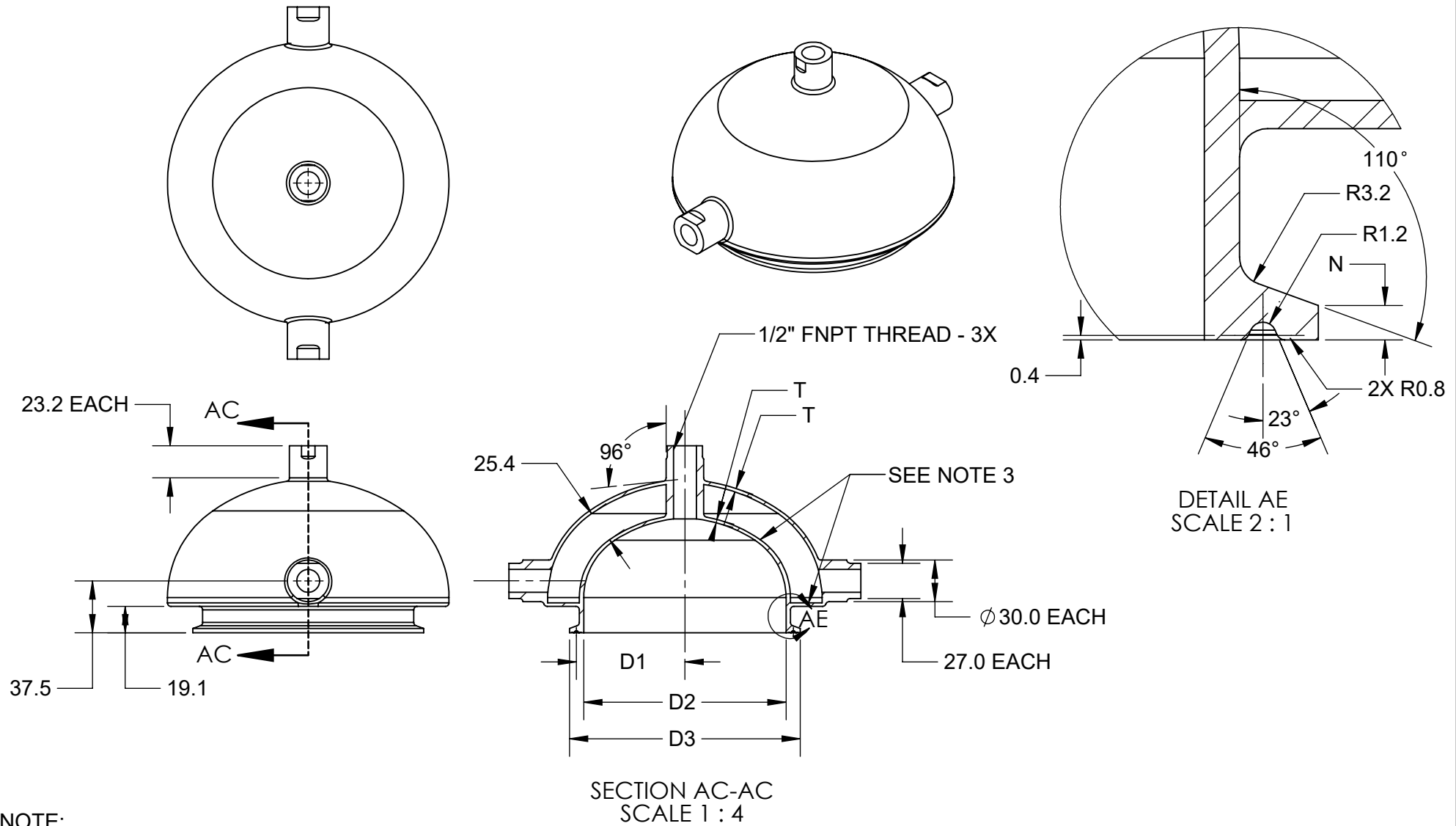
PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BEST VALUE VACS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BEST VALUE VACS IS PROHIBITED.

SKU	DESCRIPTION	D1	D2	D3	D4	D5	D6	T1	T2	N1	N2
HR300150	3"X1.5" HEMISPHERICAL REDUCER	21.82	34.80	50.39	41.67	72.90	90.91	1.65	1.65	2.84	2.84
HR300200	3"X2" HEMISPHERICAL REDUCER	28.17	47.50	63.91	41.67	72.90	90.91	1.65	1.65	2.84	2.84
HR400150	4"X1.5" HEMISPHERICAL REDUCER	21.82	34.80	50.39	54.80	97.38	118.92	1.65	2.11	2.84	2.84
HR400200	4"X2" HEMISPHERICAL REDUCER	28.17	47.50	63.91	54.80	97.38	118.92	1.65	2.11	2.84	2.84
HR600150	6"X1.5" HEMISPHERICAL REDUCER	21.82	34.80	50.39	78.44	146.86	166.88	1.65	2.77	2.84	5.58
HR600200	6"X2" HEMISPHERICAL REDUCER	28.17	47.50	63.91	78.44	146.86	166.88	1.65	2.77	2.84	5.58
HR800150	8" X 1.5" HEMISPHERICAL REDUCER	21.82	34.80	50.39	103.84	197.66	217.68	1.65	2.77	2.84	5.58
HR800200	8"X2" HEMISPHERICAL REDUCER	28.17	47.50	63.91	103.84	197.66	217.68	1.65	2.77	2.84	5.58
HR1000150	10" X 1.5" HEMISPHERICAL REDUCER	21.82	34.80	50.39	129.24	247.19	268.48	1.65	3.40	2.84	5.58
HR1000200	10" X 2" HEMISPHERICAL REDUCER	28.17	47.50	63.91	129.24	247.19	268.48	1.65	3.40	2.84	5.58
HR1200150	12" X 1.5" HEMISPHERICAL REDUCER	21.82	34.80	50.39	154.64	312.47	319.28	1.65	3.40	2.84	5.58
HR1200200	12" X 2" HEMISPHERICAL REDUCER	28.17	47.50	63.91	154.64	312.47	319.28	1.65	3.40	2.84	5.58



TITLE: HEMI REDUCERS, TRI-CLAMP, TABULATION		MATERIAL:304 STAINLESS STEEL		NAME	TOLERANCES UNLESS OTHERWISE SPECIFIED DECIMALS IN MM X +/- .1 +/- .8 XX +/- .01 +/- .25 XXX +/- .00 ANGULAR +/- 1° +/- 1°		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BEST VALUE VACS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BEST VALUE VACS IS PROHIBITED.
		FINISH: N/A	DRAWN	JB			
DATE: 10/5/2020	REVISION: 00	UNITS: MM	CHECKED				
SHEET:2 OF 10	SHEET SIZE: A	SCALE: 1:5	ENG APPR.				

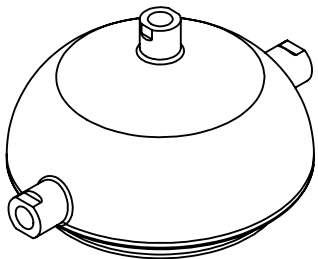


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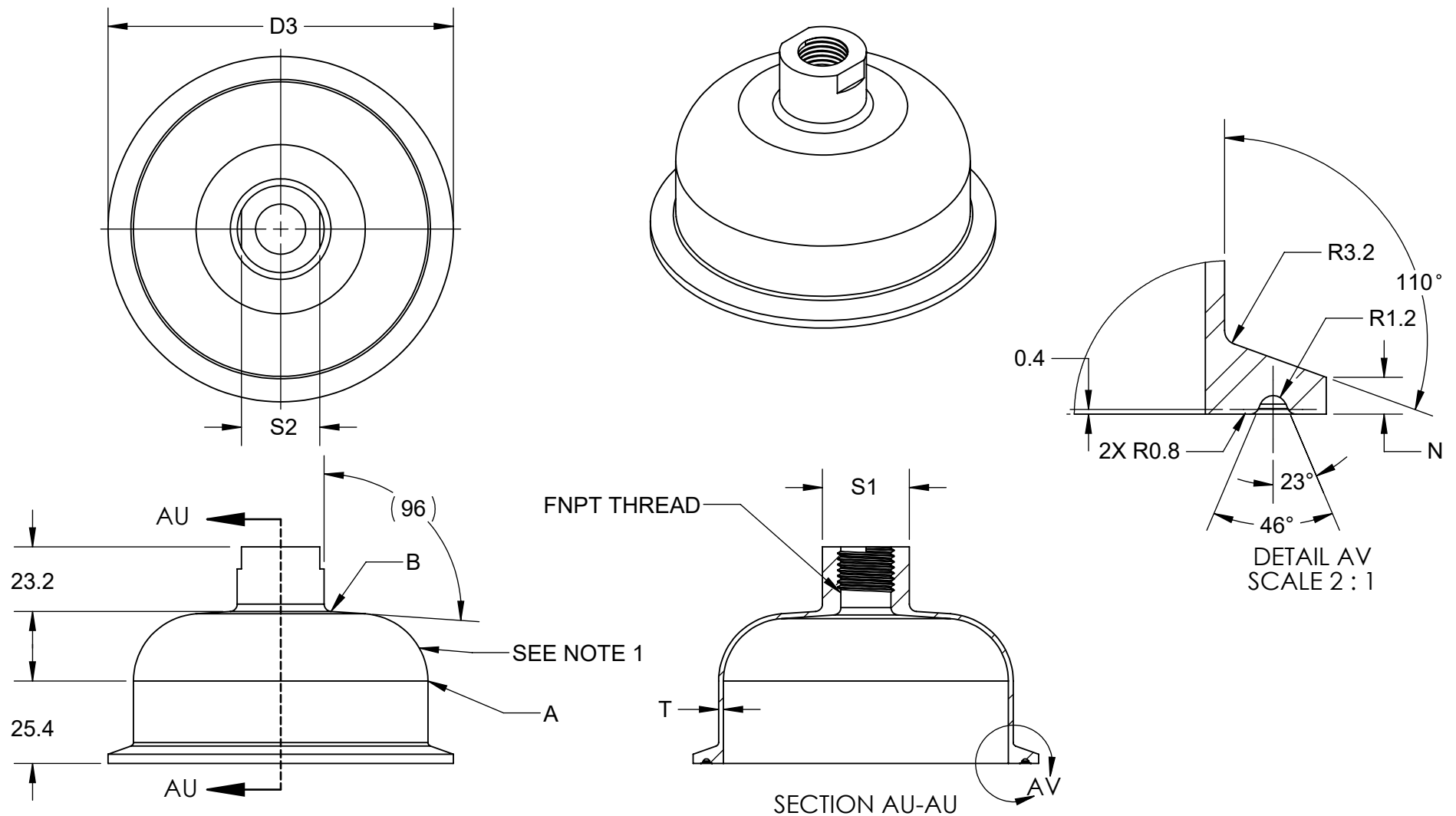
1. TUBE SECTION TO MEET ASTM A269, ASTM A270
2. SANITARY FINISH - 32 RA MAXIMUM
3. SMOOTH CONTINUOUS SURFACE, SIMILAR TO NON-JACKETED HEMI REDUCER

TITLE: HEMI REDUCER, FNPT, JACKETED, DRAWING		MATERIAL: 304 STAINLESS STEEL		NAME	TOLERANCES UNLESS OTHERWISE SPECIFIED DECIMALS IN MM X +/- .1 +/- .8 XX +/- .01 +/- .25 XXX +/- .00 ANGULAR +/- 1° +/- 1°		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BEST VALUE VACS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BEST VALUE VACS IS PROHIBITED.
		FINISH: POLISHED	DRAWN	JB			
DATE: 10/5/2020	REVISION: 00	UNITS: MM	CHECKED				
SHEET: 3 OF 10	SHEET SIZE: A	SCALE: 1:5	ENG APPR.				

SKU	DESCRIPTION	D1	D2	D3	T	N
HRJ600	6" JACKETED HEMISPHERICAL REDUCER	78.44	146.86	166.88	2.77	5.58
HRJ1000	10" JACKETED HEMISPHERICAL REDUCER	129.24	247.19	268.48	3.40	5.58
HRJ1200	12" JACKETED HEMISPHERICAL REDUCER	154.64	312.47	319.28	3.40	5.58



TITLE: HEMI REDUCER, FNPT, JACKETED, TABULATION		MATERIAL:304 STAINLESS STEEL		NAME	TOLERANCES UNLESS OTHERWISE SPECIFIED DECIMALS IN MM X +/- .1 +/- .8 XX +/- .01 +/- .25 XXX +/- .00 ANGULAR +/- 1° +/- 1°	 PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BEST VALUE VACS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BEST VALUE VACS IS PROHIBITED.
		FINISH: N/A		DRAWN		
DATE: 10/5/2020	REVISION: 00	UNITS: MM	CHECKED			
SHEET:4 OF 10	SHEET SIZE: A	SCALE: 1:5	ENG APPR.			

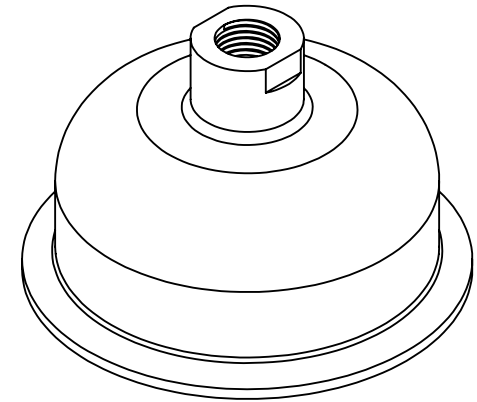


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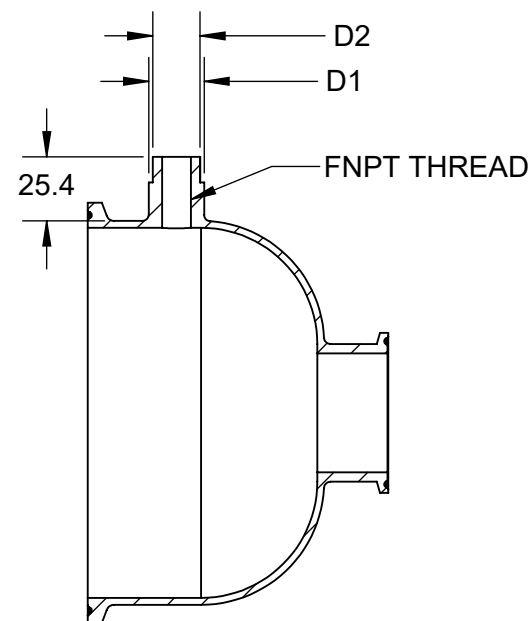
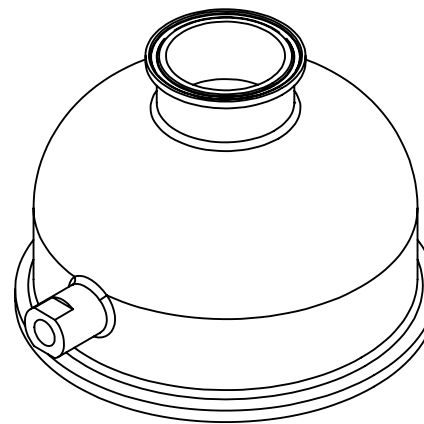
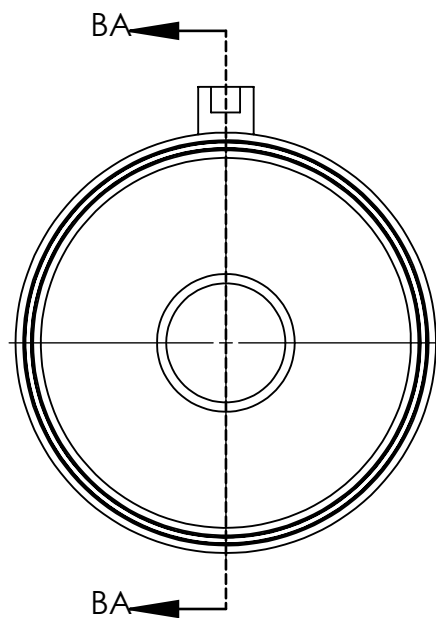
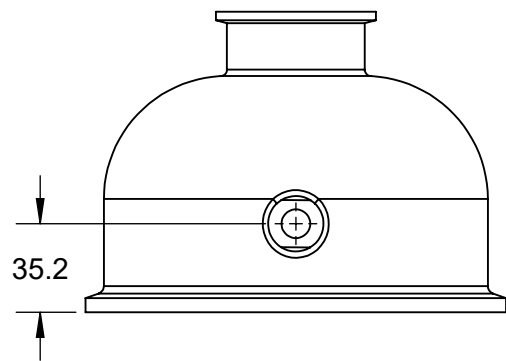
1. SMOOTH CONTINUOUS SURFACE FROM POINT A TO B SIMILAR TO SHOWN.
TANGENT TO VERTICAL AT POINT A.
2. TUBE SECTIONS TO MEET ASTM A269, ASTM A270
3. SANITARY FINISH - 32 RA MAXIMUM

TITLE:HEMI REDUCERS, FNPT, DRAWING		MATERIAL:304 STAINLESS STEEL		NAME	TOLERANCES UNLESS OTHERWISE SPECIFIED <table><tr><td>DECIMALS</td><td>IN</td><td>MM</td></tr><tr><td>X</td><td>+/- .1</td><td>+/- .8</td></tr><tr><td>XX</td><td>+/- .01</td><td>+/- .25</td></tr><tr><td>XXX</td><td>+/- .00</td><td></td></tr><tr><td>ANGULAR</td><td>+/- 1°</td><td>+/- 1°</td></tr></table>	DECIMALS	IN	MM	X	+/- .1	+/- .8	XX	+/- .01	+/- .25	XXX	+/- .00		ANGULAR	+/- 1°	+/- 1°		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BEST VALUE VACS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BEST VALUE VACS IS PROHIBITED.
		DECIMALS	IN	MM																		
X	+/- .1	+/- .8																				
XX	+/- .01	+/- .25																				
XXX	+/- .00																					
ANGULAR	+/- 1°	+/- 1°																				
FINISH: POLISHED		DRAWN	JB																			
DATE: 10/5/2020	REVISION: 00	UNITS: MM	CHECKED																			
SHEET:5 OF 10	SHEET SIZE: A	SCALE: 1:2	ENG APPR.																			

SKU	DESCRIPTION	D1	D2	D3	T	S1	S2	THREAD	N
HR20004	2" X 1/4" FNPT HEMISPHERICAL REDUCER	28.17	47.50	63.91	1.65	22	18.75	1/4"	2.84
HR30004	3" X 1/4" FNPT HEMISPHERICAL REDUCER	41.67	72.90	90.91	1.65	22	18.75	1/4"	2.84
HR40004	4" X 1/4" FNPT HEMISPHERICAL REDUCER	54.80	97.38	118.92	2.11	22	18.75	1/4"	2.84
HR60004	6" X 1/4" HEMISPHERICAL REDUCER	78.44	146.86	166.88	2.77	22	18.75	1/4"	5.58
HR60008	6" X 1/2" FNPT HEMISPHERICAL REDUCER	78.44	146.86	166.88	2.77	30	27	1/2"	5.58



TITLE: HEMI REDUCERS, FNPT, TABULATION		MATERIAL:304 STAINLESS STEEL		NAME	TOLERANCES UNLESS OTHERWISE SPECIFIED DECIMALS IN MM X +/- .1 +/- .8 XX +/- .01 +/- .25 XXX +/- .00 ANGULAR +/- 1° +/- 1°		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BEST VALUE VACS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BEST VALUE VACS IS PROHIBITED.
		FINISH: N/A	DRAWN	JB			
DATE: 10/5/2020	REVISION: 00	UNITS: MM	CHECKED				
SHEET:6 OF 10	SHEET SIZE: A	SCALE: 1:2	ENG APPR.				



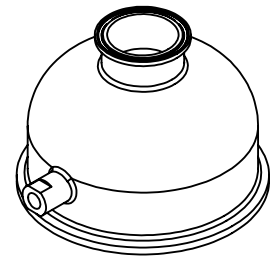
SECTION BA-BA
SCALE 1 : 3

NOTE:

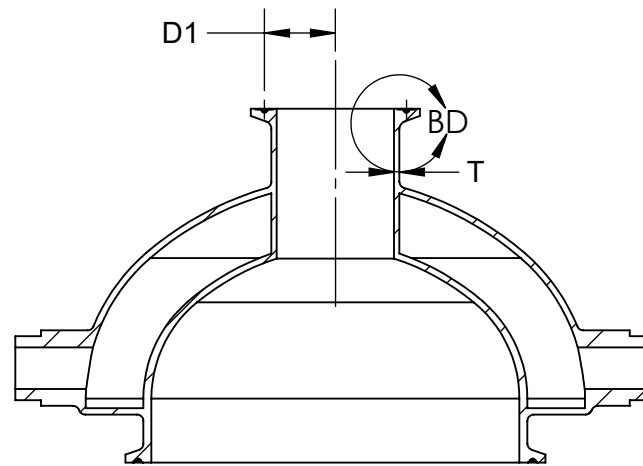
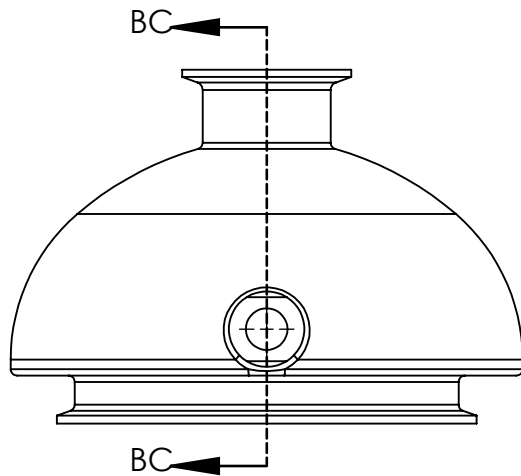
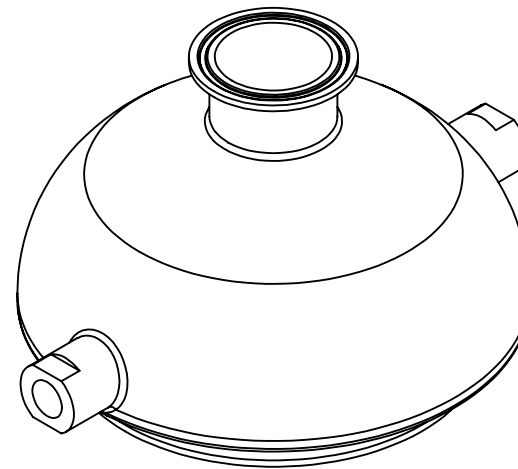
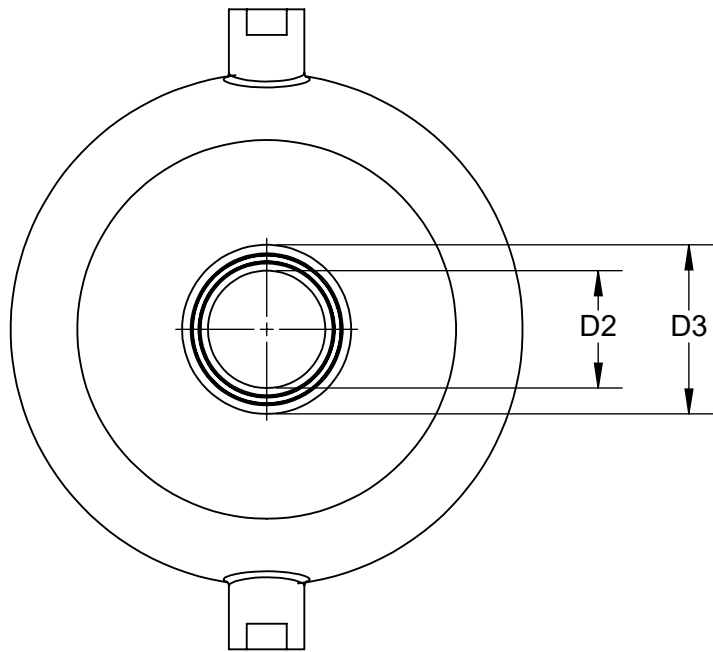
1. SAME AS HEMI REDUCER, TRI-CLAMP EXCEPT SHOWN

TITLE: HEMI REDUCERS, TRI-CLAMP W/ FNPT, DRAWING		MATERIAL:304 STAINLESS STEEL		NAME	TOLERANCES UNLESS OTHERWISE SPECIFIED DECIMALS IN MM X +/- .1 +/- .8 XX +/- .01 +/- .25 XXX +/- .00 ANGULAR +/- 1° +/- 1°		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BEST VALUE VACS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BEST VALUE VACS IS PROHIBITED.
		FINISH: POLISHED		DRAWN			
DATE: 10/5/2020	REVISION: 00	UNITS: MM	CHECKED				
SHEET:7 OF 10	SHEET SIZE: A	SCALE: 1:3	ENG APPR.				

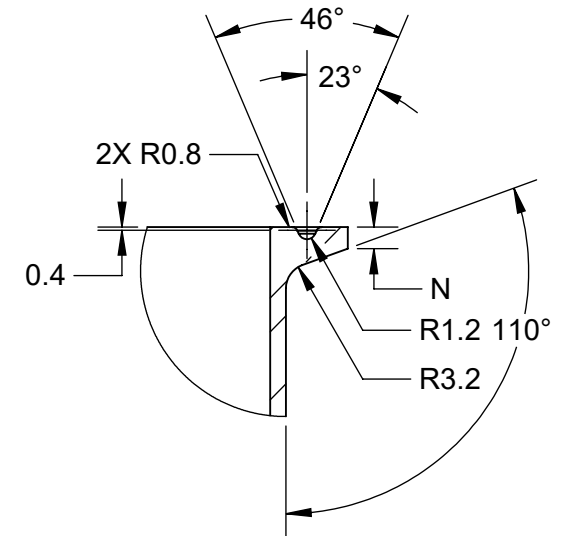
SKU	DESCRIPTION	SAME AS SKU	D1	D2	THREAD
HR400200-04	4" X 2" WITH 1/4" FNPT PORT HEMISPHERICAL REDUCER	HR400200	22	18.75	1/4"
HR600200-04	6" X 2" WITH 1/4" FNPT PORT HEMISPHERICAL REDUCER	HR600200	22	18.75	1/4"
HR1000200-04	10" X 2" WITH 1/4" FNPT PORT HEMISPHERICAL REDUCER	HR1000200	22	18.75	1/4"



TITLE: HEMI REDUCERS, TRI-CLAMP W/ FNPT, TABULATION		MATERIAL:304 STAINLESS STEEL		NAME	TOLERANCES UNLESS OTHERWISE SPECIFIED DECIMALS IN MM X +/- .1 +/- .8 XX +/- .01 +/- .25 XXX +/- .00 ANGULAR +/- 1° +/- 1°		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BEST VALUE VACS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BEST VALUE VACS IS PROHIBITED.
		FINISH: N/A	DRAWN	JB			
DATE: 10/5/2020	REVISION: 00	UNITS: MM	CHECKED				
SHEET:8 OF 10	SHEET SIZE: A	SCALE: 1:5	ENG APPR.				



SECTION BC-BC
SCALE 1 : 3

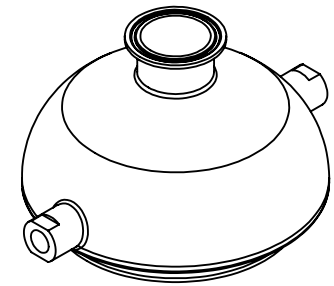


DETAIL BD
SCALE 1 : 1

NOTE:

1. SAME AS HEMI REDUCER, FNPT, JACKETED EXCEPT SHOWN

TITLE:HEMI REDUCERS, TRI-CLAMP, JACKETED, DRAWING		MATERIAL:304 STAINLESS STEEL		NAME	TOLERANCES UNLESS OTHERWISE SPECIFIED DECIMALS IN MM X +/- .1 +/- .8 XX +/- .01 +/- .25 XXX +/- .00 ANGULAR +/- 1° +/- 1°		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BEST VALUE VACS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BEST VALUE VACS IS PROHIBITED.
		FINISH: POLISHED	DRAWN	JB			
DATE: 10/5/2020	REVISION: 00	UNITS: MM	CHECKED				
SHEET:9 OF 10	SHEET SIZE: A	SCALE: 1:5	ENG APPR.				



SKU	DESCRIPTION	SAME AS SKU	D1	D2	D3	N
HRJ1200200-208	12" X 2" JACKETED HEMISPHERICAL REDUCER WITH 2 - 1/2" FNPT PORTS	HRJ1200	28.17	47.50	63.91	2.84

TITLE: HEMI REDUCERS, TRI-CLAMP, JACKETED, TABULATION		MATERIAL: 304 STAINLESS STEEL		NAME	TOLERANCES UNLESS OTHERWISE SPECIFIED DECIMALS IN MM X +/- .1 +/- .8 XX +/- .01 +/- .25 XXX +/- .00 ANGULAR +/- 1° +/- 1°		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BEST VALUE VACS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BEST VALUE VACS IS PROHIBITED.
DATE: 10/5/2020	REVISION: 00	FINISH: N/A	DRAWN	JB			
SHEET: 10 OF 10	SHEET SIZE: A	UNITS: MM	CHECKED				
		SCALE: 1:5	ENG APPR.				