









1	2	3		4			5			6	r	7		8		9			10			11		12
	TABLE	1: 0.5″ - 2	24" WITH SL	_IP-ON F	LANGES	INC	1						TAI	BLE 1:	0.5" - 24"	WITH SL	P-ON	FLAN	GES	-MILLIN	METER			
SIZE, DESCRIPT	ION	MODEL NUMBER	DIM DIM	ALL LENGTH  DIM DIM "A" "A" LINATEX POL	DIM "A"	FLANGE Ø BOD DIM "B" DIM	V A CL		LINER Ø LI ON FACE DIM "J" DIM	FT FLOW NG TUBE GHT WEIGHT "K" (lbs.)	SIZE,	DESCRIF	PTION		MODEL NUMBER	DIM DIM	" A "	DIM "A"	DIM "A" NEOPRENE	FLANGE Ø DIM "B"	BODY Ø DIM "C" STYL	DIM "D" CL to TA  E A STYLE B	LINER Ø LIFT ON FACE DIM "J" HEIGHT DIM "K	FLOW TUBE T WEIGHT
0.5 (15) ASME - 600 DERAT	SO / RF 8705 _	005C6 005C7		8.25 8.2	5 8.25	3.75 4.	50 4.41	4.61	1.38	10	0.5 (15) ASM				005C6	213 213					4		35 35	5 5
(25) ASME - 900 , SO / F   (25) ASME - 600 FULL, SC   (25) ASME - 900 , SO / F	/ RF 8705 _	010_9 010C7 010C9			3 8.53	4.88 4.	50 4.41	4.61	1.63	70 24 14 70 23	I (25) ASME	- 900 , SO - 600 FULL, - 900 , SO	SO / RF	8705 _	010_9 010C7 010C9		242 217 241	217	217	1 4 9 1 2 4 1 4 9	4	2 117	38 43 41 41 43	7
1.5 (40) ASME - 600 FULL, 1.5 (40) ASME - 900 , SO	SO / RF 8705 _	010CX_F0401 015C7 015C9		8.42 8.4 8.42 8.4 9.49 9.4	2 8.42	6.12 5.		4.97	2.50	13 23 70 34	1 (25) EN 10 1.5 (40) ASM		L, SO / RF	8705 _	010CX_F0401 015C7 015C9		214	214	214	140 155 178		2 126	38 64 64 43	6 10 15
1.5 (40) EN 1092 - PN100, 2 (50) ASME - 600 FULL, SC	SO / RF 8705 _ / RF 8705 _	015CX_F0401 020C7		8.47     8.4       8.57     8.5	7 8.57	6.69 5. 6.50 5.	2 I 4.82 2 I 4.82	4.97	2.38	19	1.5 (40) EN 2 (50) ASME	1092 - PNIO - 600 FULL,	0, SO / RF SO / RF	8705 _ 8705 _	015CX_F0401 020C7		215	215	218	170	132   12   132   12	2   126 2   126	60 83	9
2 (50) ASME - 900 , SO / F 2 (50) EN 1092 - PN100, SO 2.5 (65) ASME - 600 FULL,	/ RF 8705 _ SO / RF 8705 _	020C9 020CX_F0401 025C7		10.23     10.2       8.55     8.5	5		21 4.82	4.97	3.13	70 56 23 40	2 (50) ASME 2 (50) EN I( 2.5 (65) ASM	92 - PNIOO,	SO / RF	8705 _	020C9 020CX_F040I 025C7		260	260	260	216 195 191	132     12       132     12       160     13	2 126	83 43 80 95	25 10 18
2.5 (65) ASME - 900 , SO / 2.5 (65) EN 1092 - PN100, 3 (65) ASME - 600 FULL, SO	SO / RF 8705 _	025C9 025CX_F040I 030_7		8.62 8.6	2		31 5.37	5.52	3.63	70 81 30 52	2.5 (65) ASM 2.5 (65) EN 3 (65) ASME	1092 - PN10	0, SO / RF	8705 _	025C9 025CX_F040I 030_7		219	219		244 220 210	160 13 160 13	6 140	95 43 92 102	37
3 (65) ASME - 900 , SO / F 3 (80) ASME - 600 FULL, SO	TJ 8705 _ / RF 8705 _	030_9 030C7		12.82 12.8 12.16 12. 12.79 12.	32   12.82 16   12.16	9.50 7. 8.25 7.	2 I 5.82 2 I 5.82	5.97 5.97	3.94 4.63 I.	74 70 51	3 (65) ASME 3 (80) ASME 3 (80) ASME	- 900 , SO - 600 FULL,	/ RTJ SO / RF	8705 <sub>-</sub>	030_9 030C7		326 309	326 309	326 309	241	183   4 183   14	8   152 8   152	100	33 23
3 (80) ASME - 900 , SO / F 3 (80) EN 1092 - PN100, SO 4 (80) ASME - 600 FULL, SO	/ RF 8705 _ / RTJ 8705 _	030C9 030CX_F040I 040_7		12.10 12. 12.60 12.6	10 60 12.60	9.06 7. 10.75 7.	21 5.82 91 6.17	5.97	4.51 I. 4.94 I.	70 41 70 91	3 (80) EN I( 4 (80) ASME	92 - PNIOO, - 600 FULL,	SO / RF	8705 _ 8705 _	030C9 030CX_F040I 040_7		325 307 320	307 320		230 273		8   152 7   160	114     43       125     43	33
4 (80) ASME - 900 , SO / F 4 (100) ASME - 600 FULL, S 4 (100) ASME - 900 , SO /	O / RF 8705 _	040_9 040C7 040C9		13.89     13.8       12.56     12.5       13.86     13.8	56 12.56	10.75 7.	91 6.17	6.32	5.81 1.	70 90	4 (80) ASME 4 (100) ASME 4 (100) ASME	- 600 FULL	, SO / RF	8705 _	040_9 040C7 040C9		353 319 352	319	319	273		7 160	148 43	55 41 54
4 (100) EN 1092 - PN100, S 5 (125) ASME - 600 FULL, S 5 (125) ASME - 900 , SO /	O / RF 8705 _	040CX_F040I 050C7 050C9		12.46 12.4	12.81	13.00 9.	61 7.02	7.17	5.69 I. 6.91 I. 6.91 I.	70   153	4 (100) EN 5 (125) ASME 5 (125) ASME	- 600 FULL	, SO / RF	8705 _ 8705 _	040CX_F040I 050C7 050C9		316	316		265 330		7   160 8   182	145     43       176     43	69
5 (125) EN 1092 - PN100, S 6 (125) ASME - 600 FULL, S	O / RF     8705 _       O / RTJ     8705 _	050CX_F040I 060_7		12.61 12.6	57 I5.57	12.40 9.	61 7.02 98 7.30	7.17	6.79 I. 7.12 I.	70 III 70 I90	5 (125) EN 6 (125) ASME	092 - PNI00 - 600 FULL	, SO / RF , SO / RTJ	8705 _ 8705 _	050CX_F040I 060_7		320	396	396	315 356	244 I7 253 I8	8   182 5   187	172     43       181     43	5 I 8 6
6 (250) ASME - 900 , SO / 6 (150) ASME - 600 FULL, S 6 (150) ASME - 900 , SO /	O / RF     8705 _       RF     8705 _	060_9 060C7 060C9		17.58     17.5       13.92     13.9       17.55     17.5	92   13.92 55   17.55	14.00 9. 15.00 9.	98 7.30 98 7.30	7.35 7.35	8.00 I. 8.00 2.	70   184 00   249	6 (250) ASMI 6 (150) ASMI 6 (150) ASMI	- 600 FULL - 900 , SO	, SO / RF / RF	8705 _ 8705 _	060_9 060C7 060C9		353 446	353 446	353 446	356 381	253   18 253   18 253   18	5 187 5 187	203 43 203 51	84
6 (150) EN 1092 - PN100, S 8 (150) ASME - 600 FULL, S 8 (150) ASME - 900 , SO /	O / RTJ 8705 _	060CX_F040I 080_7 080_9		13.97     13.9       17.58     17.5       20.61     20.6	58 17.58	16.50 11	.92 8.27	8.32		70 293	6 (150) EN 8 (150) ASME 8 (150) ASME	- 600 FULL	, SO / RTJ	8705 _	060CX_F040I 080_7 080_9		355 447 523	447	447	419	253 18 303 21 303 21	0 211	238 43	73 133 200
8 (200) ASME - 600 FULL, S 8 (200) ASME - 900 , SO / 10 (200) ASME - 600 FULL,	O / RF     8705 _       RF     8705 _	080C7 080C9		16.44 16.4 20.58 20.5 19.08 19.0	14 16.44 58 20.58	16.50 II 18.50 II	.92 8.27 .92 8.27	8.32 8.32	10.00 I. 10.00 3.	70 285 13 437	8 (200) ASME 8 (200) ASME 10 (200) ASM	- 600 FULL - 900 , SO	, SO / RF / RF	8705 _ 8705 _	080C7 080C9 100_7				417	4 I 9 4 7 0	303 21	0 211	254 43 254 80	129
10 (200) ASME - 900 , SO / 10 (250) ASME - 600 FULL,	RTJ 8705 _ SO / RF 8705 _	100_9 100C7		21.57 21.5 19.05 19.0	57 21.57 05 19.05	21.50   14 20.00   14	.64 9.69 .64 9.69	9.68 9.68	11.25     3.       12.00     2.	13 648 00 467	10 (200) ASN	E - 900 , S E - 600 FUL	O / RTJ L, SO / RF	8705 _ 8705 _	100_9 100C7		548 484	548 484	548 484	546 508	372 24 372 24	6 246 6 246	286 80 305 51	294
10 (250) ASME - 900 , SO / 12 (250) ASME - 600 FULL, 12 (250) ASME - 900 , SO /	SO / RTJ 8705 _ RTJ 8705 _	100C9 120_7 120_9		21.54     21.5       21.78     21.7       25.18     25.	78 21.78 18 25.18	22.00   16 24.00   16	.80   10.77 .80   10.77	7 10.76	13.75     2.       13.50     3.	00 624	10 (250) ASM 12 (250) ASM 12 (250) ASM	E - 600 FUL E - 900 , S	L, SO / RTJ O / RTJ	8705 _	100C9 120_7 120_9		547 553 640	553 640	553 640	559 610		4 273 4 273	349 51 343 80	
12 (300) ASME - 600 FULL, 12 (300) ASME - 900 , SO / 14 (300) ASME - 600 FULL,	RF 8705 _	120C7 120C9 140_7		21.75 21.7 25.15 25.	15 25.15	24.00   16	.80   10.77	7 10.76	14.00 3.	13 893	12 (300) ASM 12 (300) ASM 14 (300) ASM	E - 900 , S	O / RF	8705 _	120C7 120C9 140_7			639	639	610		4 273	356 51 356 80 381 51	
14 (350) ASME - 600 FULL, 14 (350) ASME - 900 , SO / 16 (350) ASME - 600 FULL,	RF 8705 _	40C7   40C9		25.41 25.4 33.89 33.8 28.94 28.9	41 25.41 35	23.75   18 25.25   18	.92 II.83	3   11.82 3   11.82	15.25     2.       15.13     2.	00 756 00 1164	14 (350) ASM 14 (350) ASM 16 (350) ASM	E - 600 FUL E - 900 , S	L, SO / RF D / RF	8705 _ 8705 _	I 40C7 I 40C9			645 860	645	603 641	481 30 481 30 532 32	0 300 0 300	387 51 384 51	343 528
16 (400) ASME - 600 FULL, 16 (400) ASME - 900 , SO	SO / RF 8705 _ RF 8705 _	160C7 160C9		28.91 28.9 36.89 36.8	91 28.91	27.00 20	.94 12.84	1 12.83		13 1080	16 (400) ASM	E - 600 FUL E - 900 , S	L, SO / RF D / RF	8705 _	160_7 160C7 160C9		734	_	734	686 705	532 32 532 32	6 326 6 326	445 80	495 490 651
18 (400) ASME - 600 FULL, 18 (450) ASME - 600 FULL, 18 (450) ASME - 900 , SO ,	SO / RF 8705 _	180_7 180C7 180C9		32.42 32.4 32.39 32.3 38.89 38.8	39 32.39	29.25 23	. 46   14.10	14.09		13   1378	18 (400) ASM 18 (450) ASM 18 (450) ASM	E - 600 FUL	L, SO / RF	8705 _	180_7 180C7 180C9		823 823 988	823	_	743	596     35       596     35       596     35       596     35	8 358	508 80	625
20 (450) ASME - 600 FULL, 20 (500) ASME - 600 FULL, 20 (500) ASME - 900 , SO	SO / RF 8705 _			36.55 36.5 36.52 36.5 41.89 41.8	52 36.52	32.00 25	. 48   15.11	15.10		13 1790	20 (450) ASM 20 (500) ASM 20 (500) ASM	E - 600 FUL	L, SO / RF	8705 _			_	928	928	813	6 4 7 38 6 4 7 38 6 4 7 38	4 384	559 80	
24 (500) ASME - 600 FULL, 24 (600) ASME - 600 FULL,	SO / RTJ 8705 _	240_7 240C7		41.05 41.0	05 41.05	37.00 30	.03 17.39	) 17.38	25.00 3.	13 2687	24 (500) ASM 24 (600) ASM	E - 600 FUL	L, SO / RTJ	8705 _	240_7 240C7		1043	1043	1043	940	763 44	2 441	635 80	
															CONFIDENTIA INFORMATION AND MUST BE H	L AND PROPRIET IS CONTAINED H HANDLED ACCORE	IEREIN	SURFACE OTHERW	E FINISH 'ISE SPEC	UNLESS	-/ 3RD	ANGLE	SIZE	E SCALE —
															DIMENSIONS IN	HERWISE SPECIFI I INCHES [mm]. R AND SHARP EDGE	EMOVE	EME	<b>&amp;</b> ERSON Managemen	-	ROSE	MO		)
															-DEC .X ± - .XX ± -			TITLE	חחבי י		) IMENSIC			סחבכבייי
															.XXX ± - FRACTIONS			DR. APP'D	D. BR	OKKE 9	AUNE I IL 2/22/08 D 2/18/08		UBE-HIGH O	PRESSUI 8705-(
															DO NOT SCALE P		NTAINED,					OC TYPE	SHEET 6	

	TADI	<b>-</b> " \	NE	DI									TABLE 0	4//	·// \A41=1 1 \A		1501/ FI	481054			·D			
	TABLE 2:         1"           MOD	EL	ELD NEO	CK FLAN	GES I	DII	M "D" to TA						TABLE 2	M	DDEL	IELD N	IECK FL	_ANGES	SMILI	LIMETE DIM CL +	"D"		51.00	
SIZE, DESCRIPTION	NUM /	B E R	"A"	DIM DIM "A" "A" POLY NEOPRENE	FLANGE Ø BOD DIM "B" DIM	Y Ø "C" STYLE A	STYLE B	LINER Ø ON FACE DIM "J"	LIFT RING HEIGHT DIM "K"		SIZE,	DESCRI	PTION	N	JMB E R	DIM "A" LINATEX		DIM DIM	GE Ø BODY Ø "B" DIM "C	" STYLE A	STYLE B D	INER Ø RIN N FACE HEIG IM "J" DIM '	TT FLOW IG TUBE SHT WEIGHT "K" (lbs.)	
I (25) ASME - 600 FULL, WN / RF	8705 (			1.54   11.54   2.51   12.51								- 600 FULL,		8705 8705		293			24   114			5   43	7	
(25) ASME -1500 , WN / RF   (25) ASME -2500 , WN / RF	8705 (	DIODM	12.87 12	2.87   12.87 4.29   14.29	5.88 4.	50 4.41	4.61	1.63	1.70	I	(25) ASME	-1500 , WN	/ RF	8705 8705	_ 010DM	327	327	327 14	49 114	112	117	41 43	3   1	
I (25) ASME - 600 FULL, WN / RT. I (25) ASME - 900 , WN / RTJ		) I 0 J 7	11.57	1.57   11.57 2.54   12.54	4.88 4.	50 4.41	4.61	1.31		1	(25) ASME	- 600 FULL,	, WN / RTJ	8705 8705	_ 010J7	294	294	294 12	24   114	112	117	33 43	8	
I (25) ASME -1500 , WN / RTJ	8705 (	) I O J M	12.90 12	2.90 12.90	5.88 4.	50 4.41	4.61	_		I	(25) ASME	-1500 , WN	/ RTJ	8705	_ 010JM	328	328	328 14	19 114	112	117	32 43		
1 (25) EN 1092 - PN100, WN / RF 1 (25) EN 1092 - PN160, WN / RF	8705 ( 8705 (	010DX_F0402	11.16	1.25   11.39	5.51 4.	50 4.41	4.61		+	I	(25) EN 10	92 - PNIOO, 92 - PNI6O,	, WN / RF	8705	_ 010DX_F040 _ 010DX_F0402	284	284	287 14	40   114	112	117	38 43		
1 (25) EN 1092 - PN250, WN / RF 1.5 (40) ASME - 600 FULL, WN / I		D15D7	11.56	2.07   12.07	6.12 5.	21 4.82	4.97	2.50		1.5	5 (40) ASM	192 - PN250, 1E - 600 FUL	LL, WN / RF	8705		294	294	294 15	55 132	122	117	38 43	12	
1.5 (40) ASME - 900 , WN / RF 1.5 (40) ASME - 1500 , WN / RF	8705 (	DI5DM	13.09 13	2.65     12.65       3.09     13.09	7.00 5.	21 4.82	4.97	2.50	1.70	1.5	(40) ASM	1E - 900 , V 1E -1500 , V	WN / RF	8705 8705	_ 015DM	321	332	332 17	78   132 78   132	122	126	64 43 64 43	3 17	
1.5 (40) ASME -2500 , WN / RF 1.5 (40) ASME - 600 FULL, WN / I	8705 (		11.59 1	5.51     15.51       1.59     11.59	6.12 5.	21 4.82	4.97	2.00		1.5	(40) ASM		LL, WN / RTJ	8705 8705		394 294	294	294 15	03     132       55     132			60 43 51	30	
1.5 (40) ASME - 900 , WN / RTJ 1.5 (40) ASME -1500 , WN / RTJ	8705 (			2.68     12.68       3.12     13.12					1.70			1E - 900 , V 1E -1500 , V		8705 8705		322 333			78   132 78   132	_	126	5   43 49 43		
I.5 (40) ASME -2500 , WN / RTJ   I.5 (40) EN 1092 - PN160, WN / I	8705 (		+	5.66     15.66       1.38     11.38			_		1.70			1E -2500 , V 1092 - PNI6		8705 8705	_ 015JN _ 015DX_F0402	398 289			03     132       70     132		126	47 43 60 43		
1.5 (40) EN 1092 - PN250, WN / I 2 (50) ASME - 600 FULL, WN / RF	8705 (			2.64     12.64       1.83     11.83			_		1.70			1092 - PN25 - 600 FULL,		8705 8705	_ 015DX_F0403 _ 020D7	321			35   132 35   132		126	60 43 83	3 24	
2 (50) ASME - 900 , WN / RF 2 (50) ASME - 1500 , WN / RF	8705 (		14.26	4.26       4.26       4.82       4.82	8.50 5.	21 4.82	4.97	3.25				- 900 , WN -1500 , WN		8705 8705	02009	362	362	362 2	16 132	122	126	83 43 83 43		
2 (50) ASME -2500 , WN / RF 2 (50) ASME - 600 FULL, WN / RT.	8705 (	)20DN	16.86	6.86   16.86 1.99   11.99	9.25 5.	21 4.82	4.97	3.12	1.70	2	(50) ASME	-2500 , WN - 600 FULL,	/ RF	8705 8705	_ 020DN	428	+	428 23	35   132	122	126	79 43		
2 (50) ASME - 900 , WN / RTJ 2 (50) ASME - 1500 , WN / RTJ	8705 (	020J9	14.42	4.42     14.42       4.92     14.92	8.50 5.	21 4.82	4.97	2.62	1.70	2	(50) ASME	- 900 , WN -1500 , WN	/ RTJ	8705 8705	_ 020J9	366		366 2	16 132	122	126	67 43 60 43		
2 (50) ASME -2500 , WN / RTJ 2 (50) EN 1092 - PN100, WN / RF	8705 (	)20JN	17.01 1	7.01   17.01 1.27   11.27	9.25 5.	21 4.82	4.97	2.59	1.70	2	(50) ASME	-2500 , WN 192 - PNIOO,	/ RTJ	8705		432	432	432 23	35   132	122		66 43		
2 (50) EN 1092 - PN160, WN / RF 2 (50) EN 1092 - PN250, WN / RF	8705 (	020DX_F0402	11.91 1	1.91 11.91	7.68 5.	21 4.82	4.97	3.13	1.70	2	(50) EN 10	92 - PN160, 92 - PN250,	, WN / RF	8705	_ 020DX_F0402 _ 020DX_F0403	303	303	303 19	95 132	122	126	80 43		
2.5 (60) ASME -1500 , WN / RF	8705 (	)25DM	16.80 16	6.80   16.80	9.62 6.	31 5.37	5.52	3.70	1.70	2.5	(60) ASM	1E -1500 , V	WN / RF	8705	_ 025DM	427	427	427 24	14 160	136	140	94 43	3 41	
2.5 (60) ASME -2500 , WN / RF 2.5 (60) ASME -1500 , WN / RTJ	8705 ( 8705 (	)25JM	16.91 16	9.70   19.70 6.91   16.91	9.62 6.	31 5.37	5.52	3.10	1.70	2.5	(60) ASM	1E -2500 , V 1E -1500 , V	WN / RTJ	8705 8705	_ 025JM	430	430	430 24	14 160	136	140	89 43 79 43	3 39	
2.5 (60) ASME -2500 , WN / RTJ 3 (80) ASME - 600 FULL, WN / RF	8705 (		12.78 12	9.94     19.94       2.78     12.78	8.25 7.	21 5.82	5.97	4.63	1.70	3	(80) ASME	1E -2500 , V - 600 FULL,	, WN / RF	8705 8705	_ 030D7	325		325 2	10 183	148		117 43		
3 (80) ASME - 900 , WN / RF 3 (80) ASME - 1500 , WN / RF	8705 (			4.38     14.38       6.27     16.27			_		-			- 900 , WN -1500 , WN		8705 8705			365 413					117     43       110     43		
3 (80) ASME -2500 , WN / RF 3 (80) ASME - 600 FULL, WN / RT.	8705 (			0.42     20.42       2.94     12.94			_		+			-2500 , WN - 600 FULL,		8705 8705			519 329					105     43       102     43		
3 (80) ASME - 900 , WN / RTJ 3 (80) ASME -1500 , WN / RTJ	8705 (			4.54     14.54       6.42     16.42			_			-		- 900 , WN -1500 , WN		8705 8705			369 417					100 43		
3 (80) ASME -2500 , WN / RTJ 3 (80) EN 1092 - PN100, WN / RF	8705 ( 8705 (			0.70     20.70       2.21     12.21			_					-2500 , WN 192 - PNIOO,		8705 8705	_ 030JN _ 030DX_F040		526 310				152 152	87 43 114 43	3 97 3 28	
3 (80) EN 1092 - PN160, WN / RF 3 (80) EN 1092 - PN250, WN / RF	8705 ( 8705 (											92 - PN160, 92 - PN250,			_ 030DX_F0402 _ 030DX_F0403							4   4   3   4   3   4   3		
4 (100) ASME - 600 FULL, WN / RI 4 (100) ASME - 900 , WN / RF	8705 (			5.57     15.57       6.81     16.81			_			-		: - 600 FULL : - 900 , WN		8705 8705		396 427	396 427			_		148     43       148     51		
4 (100) ASME -1500 , WN / RF 4 (100) ASME -2500 , WN / RF	8705 (			8.18     18.18       3.71     23.71				_				-1500 , WN -2500 , WN		8705 8705		462 602	+		11     201       56     201			145     51       141     51		
4 (100) ASME - 600 FULL, WN / R 4 (100) ASME - 900 , WN / RTJ	TJ 8705 (			5.73     15.73       6.97     16.97			_		+			- 600 FULL - 900 , WN	L, WN / RTJ N / RTJ	8705 8705		_			73 201 92 201			125 43 125 51		
4 (100) ASME -1500 , WN / RTJ 4 (100) ASME -2500 , WN / RTJ	8705 (			8.33     18.33       4.12     24.12			_					-1500 , WN -2500 , WN		8705 8705		_	466					141     51       111     51		
4 (100) EN 1092 - PN100, WN / RI 4 (100) EN 1092 - PN160, WN / RI												092 - PNIOC 092 - PNI6C	0, WN / RF 0, WN / RF		_ 040DX_F040 _ 040DX_F0402							145     43       145     51		
4 (100) EN 1092 - PN250, WN / RI 5 (120) ASME -1500 , WN / RF	8705 (			7.61 17.61 2.79 22.79			6.32					092 - PN250 - 1500 , WN	0, WN / RF N / RF	8705 8705		447 579			75 244			145     51       161     51		
5 (120) ASME -2500 , WN / RF 5 (120) ASME -1500 , WN / RTJ	8705 (	)50DN	28.45 28	8.45 28.45 2.94 22.94	16.50 9.	61 7.02	7.17	6.40	2.00			-2500 , WN		8705 8705	_ 050DN	723 583	723	723 4	19 244 75 244	178	182	163 51 157 51		
5 (120) ASME -2500 , WN / RTJ	8705 (			8.98 28.98								-2500 , WN		8705		736			19 244			135 51		
														CONFINE	NTIAL AND PR	)PRIETARY	SIIRFA	CE FINISH	I UNLFSS	/ 3PI	D ANGLE		SIZE S	SC ALE
														INFORMAT	ION IS CONTA BE HANDLED A	NED HEREI	N OTHER	WISE SPE	CIFIED	<u> </u>		<b>⊕</b> -€		_
														DIMENSIO	S OTHERWISE S NS IN INCHES [I JRRS AND SHAR	nm). REMOV		IERSOR SS Manageme	U=	ROS	EM	OUN		
														.X ±	-DEC TOLERAN	ES-	TITLE		[	DIMENS	IONAL (	DRAW IN	G	
														± xxx. ± xxx.			<u> </u>		•				HIGH PR	ESS
														FRACTIONS	ANGL	ES	DR. APP'D		ROKKE 9 OGERS 12		INKAM ING	NU.	0870	<b>Λ</b> Ε

1	2	3 4	5	6	7 8	9	10	11	12
A	TABLE 2	(CONTINUED): 6" - 24" WELD	NECK FLANGES INCH		TABLE 2 (CONTIN	UED): 6" - 24" WITH WELD	NECK FLANGES	MILLIMETER	A
	SIZE, DESCRIPTION	MODEL NUMBER  DIM "A" "A" LINATEX POLY N	DIM FLANGE Ø BODY Ø CL +0 TA LINE ON ON DIM "C" STYLE A STYLE B DIM	ER Ø RING TUBE FACE HEIGHT WEIGHT DIM "K" (ibs.)	SIZE, DESCRIPTION	MODEL NUMBER  DIM "A" LINATEX POLY	DIM FLANGE Ø BODY Ø DIM "C"	CL to TA  LINER Ø RING TUBE ON FACE HEIGHT WEIGHT DIM "J" DIM "K" (lbs.)	
	6 (150) ASME - 600 FULL, WN / RF 6 (150) ASME - 900 , WN / RF 6 (150) ASME - 1500 , WN / RF 6 (150) ASME - 2500 , WN / RF 6 (150) ASME - 600 FULL, WN / RTJ 6 (150) ASME - 900 , WN / RTJ 6 (150) ASME - 1500 , WN / RTJ	8705 060D9       20.58       20.58       2         8705 060DM       23.84       23.84       2         8705 060DN       31.79       31.79       3         8705 060J7       18.89       18.89         8705 060J9       20.74       20.74       2		00     2.00     291       70     2.00     423       .30     2.00     842       .12     1.70     229       .12     2.00     295	6 (150) ASME - 900 , WN / RF 6 (150) ASME -1500 , WN / RF 6 (150) ASME -2500 , WN / RF 6 (150) ASME - 600 FULL, WN / RTJ 6 (150) ASME - 900 , WN / RTJ	8705 060D7       476       476         8705 060D9       523       523         8705 060DM       605       605         8705 060DN       807       807         8705 060J7       480       480         8705 060J9       527       527         8705 060JM       613       613	523 381 253	185         187         203         43         102           185         187         203         51         132           185         187         196         51         192           185         187         185         51         382           185         187         181         43         104           185         187         181         51         134           185         187         171         51         195	
	6 (150) ASME -2500 , WN / RTJ 6 (150) EN 1092 - PN100, WN / RF 6 (150) EN 1092 - PN160, WN / RF 6 (150) EN 1092 - PN250, WN / RF 8 (200) ASME - 600 FULL, WN / RF 8 (200) ASME - 900 , WN / RF 8 (200) ASME -1500 , WN / RF 8 (200) ASME -2500 , WN / RF 8 (200) ASME -2500 , WN / RF	8705 060DX_F0401       18.39       18.39         8705 060DX_F0402       19.49       19.49         8705 060DX_F0403       22.63       22.63       22.63         8705 080D7       21.59       21.59       21.59       21.59         8705 080D9       24.09       24.09       24.09       24.09       28.70	24.09     18.50     11.92     8.27     8.32     10       28.70     19.00     11.92     8.27     8.32     9.       36.88     21.75     11.92     8.27     8.32     9.       21.75     16.50     11.92     8.27     8.32     9.	88     1.70     196       88     2.00     235       88     2.00     380       .00     1.70     348       .00     3.13     514       .76     3.13     747       .20     3.13     1344       .37     1.70     353	6 (150) EN 1092 - PN100, WN / RF 6 (150) EN 1092 - PN160, WN / RF 6 (150) EN 1092 - PN250, WN / RF 8 (200) ASME - 600 FULL, WN / RF 8 (200) ASME - 900, WN / RF 8 (200) ASME - 1500, WN / RF 8 (200) ASME - 2500, WN / RF 8 (200) ASME - 600 FULL, WN / RTJ	8705     060JN     821     821       8705     060DX_F0401     467     467       8705     060DX_F0402     495     495       8705     060DX_F0403     575     575       8705     080D7     548     548       8705     080D9     612     612       8705     080DM     729     729       8705     080DN     937     937       8705     080DN     552     552	495     355     253       575     390     253       548     419     303       612     470     303       729     483     303       937     552     303       552     419     303	185         187         169         51         390           185         187         200         43         89           185         187         200         51         107           185         187         200         51         172           210         211         254         43         158           210         211         254         80         233           210         211         248         80         339           210         211         234         80         609           210         211         238         43         160	В
	8 (200) ASME - 900 , WN / RTJ  8 (200) ASME - 1500 , WN / RTJ  8 (200) ASME - 2500 , WN / RTJ  8 (200) EN 1092 - PN100, WN / RF  8 (200) EN 1092 - PN250, WN / RF  10 (250) ASME - 600 FULL, WN / RF  10 (250) ASME - 900 , WN / RF  10 (250) ASME - 1500 , WN / RF  10 (250) ASME - 2500 , WN / RF  10 (250) ASME - 2500 , WN / RF	8705 080JM       29.11 </td <td>21.07     16.93     11.92     8.27     8.32     9.       22.12     16.93     11.92     8.27     8.32     9.       26.45     19.09     11.92     8.27     8.32     9.       23.34     20.00     14.64     9.69     9.68     12       26.12     21.50     14.64     9.69     9.68     12       32.03     23.00     14.64     9.69     9.68     11       44.95     26.50     14.64     9.69     9.68     10       23.50     20.00     14.64     9.69     9.68     11</td> <td>66 3.13 761 28 3.13 1371 88 1.70 341 88 3.13 411 88 3.13 656 .00 2.00 571 .00 3.13 788 .50 3.13 1307 .65 3.13 2531 .50 2.00 578</td> <td>8 (200) ASME -1500 , WN / RTJ 8 (200) ASME -2500 , WN / RTJ 8 (200) EN 1092 - PN100, WN / RF 8 (200) EN 1092 - PN250, WN / RF 10 (250) ASME - 600 FULL, WN / RF 10 (250) ASME - 900 , WN / RF 10 (250) ASME -1500 , WN / RF 10 (250) ASME -2500 , WN / RF</td> <td>8705 100D9       663       663         8705 100DM       813       813         8705 100DN       1142       1142</td> <td>739 483 303 953 552 303 535 430 303 562 430 303 672 485 303</td> <td>246         246         292         80         593           246         246         271         80         1148</td> <td></td>	21.07     16.93     11.92     8.27     8.32     9.       22.12     16.93     11.92     8.27     8.32     9.       26.45     19.09     11.92     8.27     8.32     9.       23.34     20.00     14.64     9.69     9.68     12       26.12     21.50     14.64     9.69     9.68     12       32.03     23.00     14.64     9.69     9.68     11       44.95     26.50     14.64     9.69     9.68     10       23.50     20.00     14.64     9.69     9.68     11	66 3.13 761 28 3.13 1371 88 1.70 341 88 3.13 411 88 3.13 656 .00 2.00 571 .00 3.13 788 .50 3.13 1307 .65 3.13 2531 .50 2.00 578	8 (200) ASME -1500 , WN / RTJ 8 (200) ASME -2500 , WN / RTJ 8 (200) EN 1092 - PN100, WN / RF 8 (200) EN 1092 - PN250, WN / RF 10 (250) ASME - 600 FULL, WN / RF 10 (250) ASME - 900 , WN / RF 10 (250) ASME -1500 , WN / RF 10 (250) ASME -2500 , WN / RF	8705 100D9       663       663         8705 100DM       813       813         8705 100DN       1142       1142	739 483 303 953 552 303 535 430 303 562 430 303 672 485 303	246         246         292         80         593           246         246         271         80         1148	
D	10 (250) ASME - 900 , WN / RTJ	8705	26.28     21.50     14.64     9.69     9.68     11       32.44     23.00     14.64     9.69     9.68     10       45.86     26.50     14.64     9.69     9.68     9.       23.33     19.88     14.64     9.69     9.68     11       23.45     20.28     14.64     9.69     9.68     11       28.60     23.03     14.64     9.69     9.68     11       26.59     22.00     16.50     10.77     10.61     14       37.11     26.50     16.50     10.77     10.61     13       51.50     30.00     16.50     10.77     10.61     12       26.75     22.00     16.50     10.77     10.61     13	.78 3.13 1325 94 3.13 2589 .88 2.00 538 .88 3.13 628 .88 3.13 1059 .00 2.00 746 .00 3.13 1097 .18 3.13 2016 .20 3.13 3843	10 (250) ASME -1500 , WN / RTJ 10 (250) ASME -2500 , WN / RTJ 10 (250) EN 1092 - PN100, WN / RF 10 (250) EN 1092 - PN160, WN / RF 10 (250) EN 1092 - PN250, WN / RF 12 (300) ASME - 600 FULL, WN / RF 12 (300) ASME - 900 , WN / RF 12 (300) ASME -1500 , WN / RF 12 (300) ASME -2500 , WN / RF	8705       _       _       _       100JM       824       824         8705       _       _       _       100JN       1165       1165         8705       _       _       _       100DX_F0401       593       593         8705       _       _       _       100DX_F0402       596       596         8705       _       _       _       100DX_F0403       726       726         8705       _       _       _       120D7       675       675         8705       _       _       _       120D9       770       770         8705       _       _       _       120DM       942       942         8705       _       _       _       120DN       1308       1308		246         246         274         80         601           246         246         252         80         1174           246         246         302         51         244           246         246         302         80         285           246         246         302         80         480           274         269         356         51         338           274         269         356         80         498           274         269         335         80         915           274         269         310         80         1743	
E	12 (300) ASME - 900 , WN / RTJ  12 (300) ASME - 1500 , WN / RTJ  12 (300) ASME - 2500 , WN / RTJ  12 (300) EN 1092 - PN100, WN / RF  14 (350) ASME - 600 FULL, WN / RF  14 (350) ASME - 900 , WN / RTJ  14 (350) ASME - 900 , WN / RTJ  14 (350) ASME - 1500 , WN / RF  14 (350) ASME - 1500 , WN / RF  14 (350) ASME - 600 FULL, WN / RT  14 (350) ASME - 600 FULL, WN / RT  14 (350) ASME - 600 FULL, WN / RT	8705 I20JM       37.76 </td <td>30.49     24.00     16.50     10.77     10.61     13       37.76     26.50     16.50     10.77     10.61     12       52.41     30.00     16.50     10.77     10.61     12       27.39     23.03     16.50     10.77     10.61     13       27.96     23.03     16.50     10.77     10.61     13       29.95     23.75     18.92     11.83     11.82     15       34.37     25.25     18.92     11.83     11.82     15       40.82     29.50     18.92     11.83     11.82     14       30.11     23.75     18.92     11.83     11.82     15       31.48     25.79     18.92     11.83     11.82     15</td> <td>.28 3.13 2052 .06 3.13 3921 .88 2.00 794 .88 3.13 896 .25 2.00 924 .13 2.00 1373 .44 2.00 1373 .06 3.13 2645 .00 2.00 936</td> <td>12 (300) ASME -1500 , WN / RTJ  12 (300) ASME -2500 , WN / RTJ  12 (300) EN 1092 - PN100, WN / RF  12 (300) EN 1092 - PN160, WN / RF  14 (350) ASME - 600 FULL, WN / RF  14 (350) ASME - 900 , WN / RF  14 (350) ASME - 900 , WN / RTJ  14 (350) ASME -1500 , WN / RF  14 (350) ASME -600 FULL, WN / RTJ</td> <td>8705       _       _       _       120JM       959       959         8705       _       _       _       120JN       1331       1331         8705       _       _       _       120DX_F0401       696       696         8705       _       _       _       120DX_F0402       710       710         8705       _       _       _       140D7       761       761         8705       _       _       _       140D9       884       883         8705       _       _       _       140DM       1037       1037         8705       _       _       _       140J7       765       765</td> <td>959 673 419 1331 762 419 696 585 419 710 585 419 761 603 481 873 641 481</td> <td>274         269         306         80         1779           274         269         353         51         360           274         269         353         80         406           300         300         387         51         419           300         300         384         51         623           300         300         392         51         623           300         300         357         80         1200           300         300         381         51         424</td> <td>E</td>	30.49     24.00     16.50     10.77     10.61     13       37.76     26.50     16.50     10.77     10.61     12       52.41     30.00     16.50     10.77     10.61     12       27.39     23.03     16.50     10.77     10.61     13       27.96     23.03     16.50     10.77     10.61     13       29.95     23.75     18.92     11.83     11.82     15       34.37     25.25     18.92     11.83     11.82     15       40.82     29.50     18.92     11.83     11.82     14       30.11     23.75     18.92     11.83     11.82     15       31.48     25.79     18.92     11.83     11.82     15	.28 3.13 2052 .06 3.13 3921 .88 2.00 794 .88 3.13 896 .25 2.00 924 .13 2.00 1373 .44 2.00 1373 .06 3.13 2645 .00 2.00 936	12 (300) ASME -1500 , WN / RTJ  12 (300) ASME -2500 , WN / RTJ  12 (300) EN 1092 - PN100, WN / RF  12 (300) EN 1092 - PN160, WN / RF  14 (350) ASME - 600 FULL, WN / RF  14 (350) ASME - 900 , WN / RF  14 (350) ASME - 900 , WN / RTJ  14 (350) ASME -1500 , WN / RF  14 (350) ASME -600 FULL, WN / RTJ	8705       _       _       _       120JM       959       959         8705       _       _       _       120JN       1331       1331         8705       _       _       _       120DX_F0401       696       696         8705       _       _       _       120DX_F0402       710       710         8705       _       _       _       140D7       761       761         8705       _       _       _       140D9       884       883         8705       _       _       _       140DM       1037       1037         8705       _       _       _       140J7       765       765	959 673 419 1331 762 419 696 585 419 710 585 419 761 603 481 873 641 481	274         269         306         80         1779           274         269         353         51         360           274         269         353         80         406           300         300         387         51         419           300         300         384         51         623           300         300         392         51         623           300         300         357         80         1200           300         300         381         51         424	E
F	16 (400) ASME - 600 FULL, WN / RF 16 (400) ASME - 1500 , WN / RF 16 (400) ASME - 600 FULL, WN / RT 16 (400) ASME - 900 , WN / RF 16 (400) ASME - 900 , WN / RT 18 (450) ASME - 600 FULL, WN / RF 18 (450) ASME - 900 , WN / RF 18 (450) ASME - 900 , WN / RT 18 (450) ASME - 1500 , WN / RF 18 (450) ASME - 1500 , WN / RF 18 (450) ASME - 600 FULL, WN / RT 20 (500) ASME - 600 FULL, WN / RF 20 (500) ASME - 900 , WN / RF	8705 160DM       43.96       43.98       33.39       37.01       37.01       37.42 </td <td>33.23     27.00     20.94     12.84     12.83     17       43.96     32.50     20.94     12.84     12.83     18       33.39     27.00     20.94     12.84     12.83     17       37.01     27.75     20.94     12.84     12.83     17       37.42     27.75     20.94     12.84     12.83     17       34.89     29.25     23.46     14.10     14.09     20       39.01     31.00     23.46     14.10     14.09     19       39.54     31.00     23.46     14.10     14.09     19       46.23     36.00     23.46     14.10     14.09     19       35.05     29.25     23.46     14.10     14.09     19       37.93     32.00     25.48     15.11     15.10     22       43.01     33.75     25.48     15.11     15.10     21       43.54     33.75     25.48     15.11     15.10     21</td> <td>.50 3.13 3453 .00 3.13 1268 .38 3.13 1683 .32 3.13 1683 .00 3.13 1508 .88 3.13 2167 .69 3.13 2167 .00 3.38 4377 .38 3.13 1523 .00 3.13 1865 .88 3.13 2681</td> <td>16 (400) ASME -1500 , WN / RF  16 (400) ASME - 600 FULL, WN / RTJ  16 (400) ASME - 900 , WN / RF  16 (400) ASME - 900 , WN / RTJ  18 (450) ASME - 600 FULL, WN / RF  18 (450) ASME - 900 , WN / RTJ  18 (450) ASME - 900 , WN / RTJ  18 (450) ASME - 1500 , WN / RF  18 (450) ASME - 1500 , WN / RF  18 (450) ASME - 600 FULL, WN / RTJ  20 (500) ASME - 600 FULL, WN / RF</td> <td>8705 160DM       III6       III6         8705 160J7       848       848         8705 160D9       941       940         8705 160D9       951       950         8705 180D7       886       886         8705 180D9       992       991         8705 180D9       1005       1004         8705 180DM       1174       1174         8705 180D7       890       890         8705 280D9       1005       1004         8705 280D9       1005       1093         8705 280D9       1093       1092</td> <td>1116     826     532       848     686     532       940     705     532       950     705     532       886     743     596       991     787     596       1004     787     596       1174     914     596       890     743     596       963     813     647       1092     857     647</td> <td>326         326         432         80         575           326         326         441         80         763           326         326         440         80         763           358         358         508         80         684           358         358         505         80         983</td> <td>08705-0025</td>	33.23     27.00     20.94     12.84     12.83     17       43.96     32.50     20.94     12.84     12.83     18       33.39     27.00     20.94     12.84     12.83     17       37.01     27.75     20.94     12.84     12.83     17       37.42     27.75     20.94     12.84     12.83     17       34.89     29.25     23.46     14.10     14.09     20       39.01     31.00     23.46     14.10     14.09     19       39.54     31.00     23.46     14.10     14.09     19       46.23     36.00     23.46     14.10     14.09     19       35.05     29.25     23.46     14.10     14.09     19       37.93     32.00     25.48     15.11     15.10     22       43.01     33.75     25.48     15.11     15.10     21       43.54     33.75     25.48     15.11     15.10     21	.50 3.13 3453 .00 3.13 1268 .38 3.13 1683 .32 3.13 1683 .00 3.13 1508 .88 3.13 2167 .69 3.13 2167 .00 3.38 4377 .38 3.13 1523 .00 3.13 1865 .88 3.13 2681	16 (400) ASME -1500 , WN / RF  16 (400) ASME - 600 FULL, WN / RTJ  16 (400) ASME - 900 , WN / RF  16 (400) ASME - 900 , WN / RTJ  18 (450) ASME - 600 FULL, WN / RF  18 (450) ASME - 900 , WN / RTJ  18 (450) ASME - 900 , WN / RTJ  18 (450) ASME - 1500 , WN / RF  18 (450) ASME - 1500 , WN / RF  18 (450) ASME - 600 FULL, WN / RTJ  20 (500) ASME - 600 FULL, WN / RF	8705 160DM       III6       III6         8705 160J7       848       848         8705 160D9       941       940         8705 160D9       951       950         8705 180D7       886       886         8705 180D9       992       991         8705 180D9       1005       1004         8705 180DM       1174       1174         8705 180D7       890       890         8705 280D9       1005       1004         8705 280D9       1005       1093         8705 280D9       1093       1092	1116     826     532       848     686     532       940     705     532       950     705     532       886     743     596       991     787     596       1004     787     596       1174     914     596       890     743     596       963     813     647       1092     857     647	326         326         432         80         575           326         326         441         80         763           326         326         440         80         763           358         358         508         80         684           358         358         505         80         983	08705-0025
G	20 (500) ASME - 1500 , WN / RF 20 (500) ASME - 600 FULL, WN / RT. 24 (600) ASME - 600 FULL, WN / RF 24 (600) ASME - 1500 , WN / RF 24 (600) ASME - 600 FULL, WN / RT.	J     8705 200J7     38.21     38.21     38.21       8705 240D7     41.99     41.99       8705 240DM     57.94     57.94	50.81     38.75     25.48     15.11     15.10     21       38.21     32.00     25.48     15.11     15.10     21       41.99     37.00     30.03     17.39     17.38     26       57.94     46.00     30.03     17.39     17.38     25       42.40     37.00     30.03     17.39     17.38     25	.00 3.13 1893 .00 3.13 2806 .50 3.38 8768	20 (500) ASME - 600 FULL, WN / RTJ 24 (600) ASME - 600 FULL, WN / RF	8705 200J7     971     971       8705 240D7     1067     1067       8705 240DM     1472     1472       8705 240J7     1077     1077	971 813 647 1067 940 763 1472 1168 763 1077 940 763	384     384     536     86     2469       384     384     533     80     858       442     441     660     80     1273       442     441     648     86     3977       442     441     635     80     1295	DRAW ING NO.
						CONFIDENTIAL AND PROPRIETARY INFORMATION IS CONTAINED HEREIN AND MUST BE HANDLED ACCORDINGLY.	SURFACE FINISH UNLESS OTHERWISE SPECIFIED	3RD ANGLE  SIZE C	SCALE REV AN
						UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES [mm]. REMOVE ALL BURRS AND SHARP EDGES.  -DEC TOLERANCES-	Process Management	ROSEMOUNT®	
						.X ± - [-] .XX ± - [-] .XXX ± - [-]	MODEL 8705 M	AGNETIC FLOW TUBE-HIGH PR	RESSURE
tronic Master — Di	RINTED CODIES ADE I INI	CONTROLLED – Rosemount P	monietan/			FRACTIONS ANGLES ± -  DO NOT SCALE PRINT CAD MAINTAINED.	APP'D S. ROGERS 12	/22/08 DRAWING NO. / 18/08 DOC TYPE SHEET 8 OF	8