

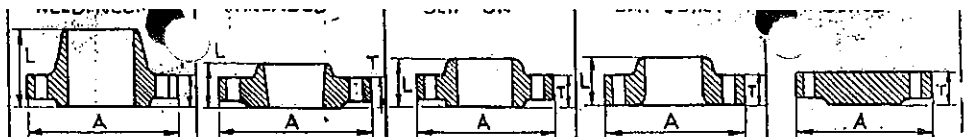
150 LB FLANGES								300 LB FLANGES							
NOM. SIZE	A	T	L W.N.	THRD. SLIP ON	L LAP J.	BOLT CIRC.	Nº AND SIZE-BOLTS	NOM. SIZE	A	T	L W.N.	THRD. SLIP ON	L LAP J.	BOLT CIRC.	Nº AND SIZE-BOLTS
1/2"	89	11	48	16	16	60	4-16	1/2"	95	14	52	22	22	67	4-16
3/4"	98	13	52	16	16	70	4-16	3/4"	118	16	57	25	25	83	4-19
1"	108	14	56	18	18	79	4-16	1"	124	18	62	27	27	89	4-19
1 1/4"	118	16	57	21	21	89	4-16	1 1/4"	133	19	65	27	27	98	4-19
1 1/2"	127	18	62	22	22	98	4-16	1 1/2"	156	21	68	30	30	114	4-22
2"	152	19	64	25	25	121	4-19	2"	165	22	70	33	33	127	8-19
2 1/4"	178	22	70	29	29	140	4-19	2 1/4"	191	25	76	38	38	149	8-22
3"	191	24	70	30	30	152	4-19	3"	210	29	79	43	43	168	8-22
3 1/2"	216	24	71	32	32	178	8-19	3 1/2"	229	30	81	44	44	184	8-22
4"	229	24	76	33	33	191	8-19	4"	254	32	86	48	48	200	8-22
5"	254	24	89	37	37	216	8-22	5"	279	35	98	51	51	235	8-22
6"	279	25	89	40	40	241	8-22	6"	318	37	98	52	52	270	12-22
8"	343	29	102	44	44	298	8-22	8"	381	41	111	62	62	330	12-25
10"	406	30	102	49	49	362	12-25	10"	445	48	118	67	67	387	16-25
12"	483	32	114	56	56	432	12-25	12"	521	51	130	73	73	451	16-32
14"	583	35	127	57	79	476	12-29	14"	584	54	143	76	76	514	20-32
16"	597	37	127	64	87	540	16-29	16"	648	57	146	83	83	572	20-35
18"	635	40	140	68	97	578	16-32	18"	711	60	159	89	89	629	24-35
20"	699	43	144	73	103	635	20-32	20"	775	64	162	95	95	686	24-35
24"	813	48	152	83	111	749	20-35	24"	914	70	168	106	106	813	24-41
26"	870	51	127	86	86	807	24-35	26"	832	64	127	114	-	778	28-29
28"	927	52	129	87	87	864	28-35	28"	883	64	127	114	-	829	28-29
30"	984	54	130	89	89	914	28-35	30"	940	67	133	121	-	886	32-29
32"	1061	57	133	92	92	978	28-41	32"	991	70	140	127	-	937	36-29
34"	1111	59	135	94	94	1029	32-41	34"	1041	73	146	130	-	987	40-29
36"	1168	60	137	95	95	1086	32-41	36"	1111	79	156	143	-	1054	40-32
38"	-	-	-	-	-	-	-	38"	1162	79	156	143	-	1105	40-32
40"	-	-	-	-	-	-	-	40"	1213	83	159	149	-	1156	44-32
42"	1346	67	143	102	102	1257	36-41	42"	1270	89	165	156	-	1213	48-32
44"	1295	51	114	60	-	1241	40-29	44"	1340	95	172	172	-	1276	44-35
46"	1346	51	114	60	-	1292	40-29	46"	1391	108	184	184	-	1327	48-35
48"	1397	57	124	67	-	1343	44-29	48"	1442	108	184	184	-	1378	48-35
50"	1447	57	124	67	-	1394	44-29	50"	-	-	-	-	-	-	-
52"	1511	67	137	76	-	1454	44-32	52"	1562	108	191	-	-	1492	52-38
54"	1562	67	137	76	-	1505	44-32	54"	1613	114	197	210	-	1543	52-38
60"	1715	70	146	79	-	1657	48-32	60"	1765	114	203	216	-	1696	60-38
66"	1867	79	156	102	-	1810	56-32	66"	1956	102	216	-	-	1880	60-41
72"	2286	92	168	127	-	1975	64-32	72"	2108	102	229	-	-	2032	72-41
84"	2388	76	178	127	-	2324	72-35	84"	2451	127	254	-	-	2369	80-41
96"	2692	89	191	127	-	2629	88-35	96"	2775	159	286	-	-	2686	84-41

LUMMUS NEDERLAND B.V.
JOB No. ACCOUNT No.

FLANGES 150 *-300*
SHEET 1

SCALE DWG. No. NAS 301-51A-1

REV. DWN CKD S J.E. DATE CHD AP'D
4 62 1/2 1/2 FOR DRAFTING ROOM USE



600 LB FLANGES								900 LB FLANGES							
NOM. SIZE	A	T	L W.N.	L THRD SLIP-ON	L LAP J.	BOLT CIRC.	Nº AND SIZE-BOLTS	NOM. SIZE	A	T	L W.N.	L THRD SLIP-ON	L LAP J.	BOLT CIRC.	Nº AND SIZE-BOLTS
1/2"	95	14	58	22	22	67	4-16	1/2"	121	22	66	32	32	83	4-22
3/4"	118	16	63	25	25	83	4-19	3/4"	130	25	76	35	35	89	4-22
1"	124	18	68	27	27	89	4-19	1"	149	29	79	41	41	102	4-25
1 1/4"	133	21	73	29	29	98	4-19	1 1/4"	159	29	79	41	41	111	4-25
1 1/2"	156	22	76	32	32	114	4-22	1 1/2"	178	32	89	44	44	124	4-29
2"	165	25	79	37	37	127	8-19	2"	216	38	108	57	57	165	8-25
2 1/2"	191	29	85	41	41	149	8-22	2 1/2"	245	41	111	64	64	191	8-29
3"	210	32	89	46	46	168	8-22	3"	241	38	108	54	54	191	8-25
3 1/2"	229	35	92	49	49	184	8-25	3 1/2"	—	—	—	—	—	—	—
4"	273	38	108	54	54	216	8-25	4"	292	44	120	70	70	235	8-32
5"	330	44	120	60	60	267	8-29	5"	349	51	133	79	79	279	8-35
6"	356	48	124	67	67	292	12-29	6"	381	56	146	86	86	318	12-32
8"	419	56	139	76	76	349	12-32	8"	470	64	168	102	114	394	12-38
10"	508	64	158	86	111	432	16-35	10"	546	70	190	108	127	470	16-38
12"	559	67	162	92	118	489	20-35	12"	610	79	206	118	143	533	20-38
14"	603	70	171	94	127	527	20-38	14"	641	86	219	130	156	559	20-41
16"	686	76	184	106	140	603	20-41	16"	705	89	222	133	165	616	20-44
18"	743	83	190	118	152	654	20-44	18"	787	102	235	152	191	686	20-51
20"	813	89	197	127	165	724	24-44	20"	857	108	254	159	210	749	20-54
24"	940	102	209	140	184	838	24-51	24"	1041	140	298	203	267	902	20-67
26"	1016	108	228	—	—	914	28-51	26"	1086	140	292	—	—	952	20-73
28"	1073	111	241	—	—	965	28-54	28"	1168	143	305	—	—	1022	20-79
30"	1130	114	254	—	—	1022	28-54	30"	1232	149	317	—	—	1086	20-79
32"	1194	118	266	—	—	1080	28-60	32"	1315	159	336	—	—	1156	20-86
34"	1245	121	276	—	—	1130	28-60	34"	1397	165	355	—	—	1226	20-92
36"	1315	124	289	—	—	1194	28-67	36"	1461	172	368	—	—	1289	20-92
			5								5				