

# CLASS LB TEST FLANGES

## Maximum test pressures:

Class	150 lb.	300 lb.	600 lb.	900 lb.	1500 lb.	2500 lb.
Hydrostatic Test Max Test Pressure (psi)	450	1125	2225	3350	5575	9275

## Bolts and Gasket Information:

Class 150lb Flange					
Flange Size	Number Bolts	Size Bolt	Length Bolt "RF"	Length Bolt "RTJ"	Ring Gasket
1/2"	4	1/2"	60	-	N/A
3/4"	4	1/2"	60	-	N/A
1"	4	1/2"	65	80	R15
1 1/4"	4	1/2"	70	80	R17
1 1/2"	4	1/2"	70	85	R19
2"	4	5/8"	85	95	R22
2 1/2"	4	5/8"	90	105	R25
3"	4	5/8"	95	105	R29
4"	8	5/8"	95	105	R36
5"	8	3/4"	100	115	R40
6"	8	3/4"	105	115	R43
8"	8	3/4"	110	125	R48
10"	12	7/8"	125	135	R52
12"	12	7/8"	125	140	R56
14"	12	1"	140	155	R59
16"	16	1"	145	155	R64
18"	16	1 1/8"	160	170	R68
20"	20	1 1/8"	165	180	R72
24"	20	1 1/4"	185	195	R76

# CLASS LB TEST FLANGES

Class 300lb Flange					
Flange Size	Number Bolts	Size Bolt	Length Bolt "RF"	Length Bolt "RTJ"	Ring Gasket
1/2"	4	1/2"	65	75	R11
3/4"	4	5/8"	75	90	R13
1"	4	5/8"	80	95	R16
1 1/4"	4	5/8"	85	95	R18
1 1/2"	4	3/4"	95	110	R20
2"	8	5/8"	90	105	R23
2 1/2"	8	3/4"	105	120	R26
3"	8	3/4"	110	125	R30 / 1
4"	8	3/4"	115	135	R37
5"	8	3/4"	125	140	R41
6"	12	3/4"	125	145	R45
8"	12	7/8"	145	160	R49
10"	16	1"	165	180	R53
12"	16	1 1/8"	180	195	R57
14"	20	1 1/8"	185	205	R61
16"	20	1 1/4"	200	220	R65
18"	24	1 1/4"	210	225	R69
20"	24	1 1/4"	215	235	R73
24"	24	1 1/2"	245	265	R77

# CLASS LB TEST FLANGES

## Class 600lb Flange

Flange Size	Number Bolts	Size Bolt	Length Bolt "RF"	Length Bolt "RTJ"	Ring Gasket
1/2"	4	1/2"	80	75	R11
3/4"	4	5/8"	90	90	R13
1"	4	5/8"	95	95	R16
1 1/4"	4	5/8"	100	100	R18
1 1/2"	4	5/8"	110	110	R20
2"	8	5/8"	110	110	R23
2 1/2"	8	3/4"	125	125	R26
3"	8	3/4"	130	135	R30 / 1
4"	8	7/8"	150	155	R37
5"	8	1"	170	175	R41
6"	12	1"	180	180	R45
8"	12	1 1/8"	205	205	R49
10"	16	1 1/4"	225	230	R53
12"	20	1 1/4"	235	235	R57
14"	20	1 3/8"	250	250	R61
16"	20	1 1/2"	270	275	R65
18"	20	1 5/8"	290	295	R69
20"	24	1 5/8"	305	310	R73
24"	24	1 7/8"	345	355	R77

# CLASS LB TEST FLANGES

Class 900lb Flange					
Flange Size	Number Bolts	Size Bolt	Length Bolt "RF"	Length Bolt "RTJ"	Ring Gasket
1/2"	4	3/4"	110	110	R12
3/4"	4	3/4"	115	115	R14
1"	4	7/8"	130	130	R16
1 1/4"	4	7/8"	130	130	R18
1 1/2"	8	1"	145	145	R20
2"	8	7/8"	150	155	R24
2 1/2"	8	1"	165	170	R27
3"	8	7/8"	150	155	R31
4"	8	1 1/8"	180	185	R37
5"	8	1 1/4"	200	205	R41
6"	12	1 1/8"	205	205	R45
8"	12	1 3/8"	235	240	R49
10"	16	1 3/8"	250	250	R53
12"	20	1 3/8"	270	270	R57
14"	20	1 1/2"	290	300	R62
16"	20	1 5/8"	305	315	R66
18"	20	1 7/8"	345	360	R70
20"	20	2"	365	380	R74
24"	20	2 1/2"	465	485	R78

## CLASS LB TEST FLANGES

Class 1500lb Flange					
Flange Size	Number Bolts	Size Bolt	Length Bolt "RF"	Length Bolt "RTJ"	Ring Gasket
1/2"	4	3/4"	110	110	R12
3/4"	4	3/4"	115	115	R14
1"	4	7/8"	130	130	R16
1 1/4"	4	7/8"	130	130	R18
1 1/2"	4	1"	145	145	R20
2"	8	7/8"	150	155	R24
2 1/2"	8	1"	165	170	R27
3"	8	1 1/8"	185	190	R35
4"	8	1 1/4"	210	210	R39
5"	8	1 1/2"	265	265	R44
6"	12	1 3/8"	275	280	R46
8"	12	1 5/8"	310	320	R50
10"	12	1 7/8"	360	370	R54
12"	16	2"	400	415	R58
14"	16	2 1/4"	435	455	R63
16"	16	2 1/2"	475	500	R67
18"	16	2 3/4"	525	550	R71
20"	16	3"	575	595	R75
24"	16	3 1/2"	660	690	R79

# CLASS LB TEST FLANGES

Class 2500lb Flange					
Flange Size	Number Bolts	Size Bolt	Length Bolt "RF"	Length Bolt "RTJ"	Ring Gasket
1/2"	4	3/4"	125	125	R13
3/4"	4	3/4"	130	130	R16
1"	4	7/8"	145	145	R18
1 1/4"	4	1"	160	165	R21
1 1/2"	4	1 1/8"	180	185	R23
2"	8	1"	185	190	R26
2 1/2"	8	1 1/8"	205	210	R28
3"	8	1 1/4"	235	240	R32
4"	8	1 1/2"	270	280	R38
5"	8	1 5/8"	320	330	R42
6"	8	2"	365	380	R47
8"	12	2"	405	420	R51
10"	12	2 1/2"	515	540	R55
12"	12	2 3/4"	570	590	R60