



GrimmerSchmidt Compressors

NGG 302

MSCFD @ 2400 RPM

SUCTION PRESSURE	DISCHARGE PRESSURE					
	50	60	70	80	90	100
-12" Hg	82	72	61	51		
-8" Hg	115	104	94	84	73	63
-4" Hg	147	137	127	116	106	96
0 psig	180	170	159	149	139	129
2 psig	213	202	192	182	172	161
4 psig	245	235	225	215		
6 psig	278	268	258			
8 psig	311	301				
9 psig	326	316				

Suction Pressure	0	1	2	3	4	5	6	7	8	9
Max Discharge Pressure	100	100	100	90	80	70	60	60	60	50
BHP Required	18	20	21	23	24	24	23	24	24	22

Results will vary depending on gas characteristics and altitude.



GrimmerSchmidt Compressors

NGG 351-41

MSCFD @ 2400 RPM

SUCTION PRESSURE	DISCHARGE PRESSURE					
	50	60	70	80	90	100
-12" Hg	96	84	72	60		
-8" Hg	134	122	110	98	86	74
-4" Hg	172	160	148	136	124	112
0 psig	210	198	186	174	162	150
2 psig	248	236	224	212	200	188
4 psig	286	274	262	250		
6 psig	324	312	300			
8 psig	362	350				
9 psig	380	368				

Suction Pressure	0	1	2	3	4	5	6	7	8	9
Max Discharge Pressure	100	100	100	90	80	70	60	60	60	60
BHP Required	21	23	25	27	29	30	30	30	30	30

Results will vary depending on gas characteristics and altitude.



GrimmerSchmidt Compressors

NGG 460

MSCFD @ 2400 RPM

SUCTION PRESSURE	DISCHARGE PRESSURE					
	50	60	70	80	90	100
-12" Hg	110	97	84	71		
-8" Hg	160	147	134	121	108	95
-4" Hg	210	197	185	172	160	147
0 psig	260	247	235	222	210	197
2 psig	300	285	271	256	242	227
4 psig	340	325	311	296	282	267
6 psig	382	367	353	338	324	309
8 psig	425	410	396	381		
9 psig	445	430	416			

Suction Pressure	0	1	2	3	4	5	6	7	8	9
Max Discharge Pressure	100	100	100	100	100	100	100	90	80	70
BHP Required	28	30	33	35	37	39	41	42	42	41

Results will vary depending on gas characteristics and altitude.



GrimmerSchmidt Compressors

NGG 5.7

MSCFD @ 2400 RPM

SUCTION PRESSURE	DISCHARGE PRESSURE					
	50	60	70	80	90	100
-12" Hg	94	82	70	56		
-8" Hg	131	119	107	96	84	72
-4" Hg	168	156	144	133	121	109
0 psig	205	193	181	170	158	146
2 psig	242	230	218	207	195	183
4 psig	279	267	255	244	232	
6 psig	316	304	293	281		
8 psig	353	341	329			
9 psig	371	359	347			

Suction Pressure	0	1	2	3	4	5	6	7	8	9
Max Discharge Pressure	100	100	100	100	90	90	80	70	70	70
BHP Required	21	23	25	27	28	29	30	30	30	31

Results will vary depending on gas characteristics and altitude.



GrimmerSchmidt Compressors

NK 40

MSCFD WITH
ROTOR @ 5000 RPM

SUCTION PRESSURE	DISCHARGE PRESSURE										
	50	60	70	80	90	100	110	120	130	140	150
-12" Hg	21	21	20	20	20	20	20				
-8" Hg	26	26	26	26	26	25	25				
-4" Hg	32	32	31	31	31	31	31	30	30	29	
0 psig	37	37	36	36	36	36	36	35	35	34	34
2 psig	43	43	42	42	41	41	41	40	40	40	40
4 psig	49	48	47	47	47	47	47	46	46	45	45
6 psig	54	54	53	53	52	52	52	52	52	51	51
8 psig		59	58	58	57	57	57	56	56	56	56
9 psig		63	62	62	61	61	61	61	61	60	60

Suction Pressure	0	1	2	3	4	5	6	7	8	9
Max Discharge Pressure	150	150	150	150	150	150	150	150	150	150
BHP Required	4.7	5	5.3	5.6	5.9	6.3	6.6	6.9	7.2	7.5

Results will vary depending on gas characteristics and altitude.



GrimmerSchmidt Compressors

NK 60

MSCFD WITH
ROTOR @ 5000 RPM

SUCTION PRESSURE	DISCHARGE PRESSURE										
	50	60	70	80	90	100	110	120	130	140	150
-12" Hg	30	30	29	29	28	28	28				
-8" Hg	38	38	37	37	36	36	36				
-4" Hg	46	46	45	45	44	44	44	43	43	42	
0 psig	53	53	52	52	51	51	51	50	50	49	49
2 psig	61	61	60	60	59	59	59	58	58	57	57
4 psig	70	69	68	68	67	67	67	66	66	65	65
6 psig	78	77	76	76	75	75	75	74	74	73	73
8 psig		84	83	83	82	82	82	81	81	80	80
9 psig		90	89	89	88	88	88	87	87	86	86

Suction Pressure	0	1	2	3	4	5	6	7	8	9
Max Discharge Pressure	150	150	150	150	150	150	150	150	150	150
BHP Required	10	10.3	10.7	11	11.3	11.7	12	12.3	12.7	13

Results will vary depending on gas characteristics and altitude.



GrimmerSchmidt Compressors

NK 100

MSCFD WITH
ROTOR @ 5000 RPM

SUCTION PRESSURE	DISCHARGE PRESSURE										
	50	60	70	80	90	100	110	120	130	140	150
-12" Hg	79	79	77	77	74	74	74				
-8" Hg	101	101	98	98	95	95	95				
-4" Hg	122	122	119	119	116	116	116	114	114	111	
0 psig	140	140	138	138	135	135	135	132	132	130	130
2 psig	161	161	159	159	156	156	156	153	153	151	151
4 psig	185	183	180	180	177	177	177	175	175	172	172
6 psig	206	204	201	201	198	198	198	196	196	193	193
8 psig		222	220	220	217	217	217	214	214	212	212
9 psig		238	235	235	233	233	233	230	230	227	227

Suction Pressure	0	1	2	3	4	5	6	7	8	9
Max Discharge Pressure	150	150	150	150	150	150	150	150	150	150
BHP Required	29	29.5	30	30.5	31	31.5	32	32.5	33	33.5

Results will vary depending on gas characteristics and altitude.



GrimmerSchmidt Compressors

STANDARD NGG 25 CAPACITY CHART

CAPACITY MSCFD and HP AT VARIOUS PRESSURES AND RPMs

	50	60	70	80	100	125	150	200	250(242)	Discharge Pressure
-10	175/47	175/57(63)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
-8	250/46	250/53	250/60	249/66	246/81	N/A	N/A	N/A	N/A	
-4	400/55	400/58	399/63	399/67	395/77	388/93	366/104	344/104(172)	N/A	
0	550/64	550/69	549/74	548/77	545/83	534/92	521/104	447/110	386/109	
2	625/68	625/73	624/78	623/82	620/89	608/97	594/105	511/112	440/109	
4	700/74(53)	700/77	699/82	698/87	695/94	682/101	618/99	575/112	494/109	
6	N/A	775/82(62)	774/86	773/91	771/100	756/107	685/103	588/101	547/110	
8	N/A	N/A	848/91(72)	848/94	845/104	764/102	753/107	650/105	547/98	

Suction Pressure

MSCFD/HP

Black = 2400 RPM Red = 2000 RPM
 Blue = 2200 RPM Green = 1800 RPM

() = Lowest or highest pressure allowed



GrimmerSchmidt Compressors

STANDARD NGG 12 CAPACITY CHART

CAPACITY MSCFD and HP AT VARIOUS PRESSURES AND RPMs

	50	60	70	80	100	125	150	200	250(242)	Discharge Pressure
-10	104/27	104/32	103/33(63)	N/A	N/A	N/A	N/A	N/A	N/A	
-8	148/26	148/29	148/31	147/37	147/47	N/A	N/A	N/A	N/A	
-4	237/34	237/36	236/37	235/39	235/43	234/50	229/62	225/70(167)	N/A	
0	327/40	326/43	325/45	324/46	323/48	322/50	321/54	316/59	272/64	
2	371/44	370/46	370/48	368/50	366/54	365/58	360/62	336/70	292/70(233)	
4	416/48(53)	415/49	414/51	415/53	410/57	409/62	404/66	360/65	324/69	
6	N/A	460/53(62)	458/55	457/57	455/61	453/66	449/70	390/67	360/70	
8	N/A	N/A	503/58(72)	502/60	499/64	497/69	466/67	394/64	323/58	

Suction Pressure

MSCFD/HP

Black = 2400 RPM Red = 2000 RPM
 Blue = 2200 RPM Green = 1800 RPM

() = Lowest or highest pressure allowed



GrimmerSchmidt Compressors

STANDARD NGG 75 CAPACITY CHART

CAPACITY MSCFD and HP AT VARIOUS PRESSURES AND RPMs

	50	60	70	80	100	125	150	200	250(242)	Discharge Pressure
-10	282/67	282/75	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
-8	403/70	403/76	402/83	401/94	398/111	N/A	N/A	N/A	N/A	
-4	645/85	644/90	644/96	642/102	638/115	630/130	625/146(141)	N/A	N/A	
0	887/99	886/107	885/113	884/118	879/128	868/143	866/146(130)	N/A	N/A	
2	1007/105	1007/112	1006/120	1005/127	1000/137	991/146	N/A	N/A	N/A	
4	1128/113(53)	1128/118	1127/125	1125/135	1185/146	N/A	N/A	N/A	N/A	
6	N/A	1249/125(62)	1248/132	1246/139	1245/145	N/A	N/A	N/A	N/A	
8	N/A	N/A	1369/139	1367/145	N/A	N/A	N/A	N/A	N/A	

Suction
Pressure

MSCFD/HP

() = Lowest or highest pressure allowed