



Operating Pressure PSIG		WATER SUCTION		Operating Pressure PSIG		WATER SUCTION	
Injector INLET	Injector OUTLET	Motive Flow GPM	Water Suction GPH	Injector INLET	Injector OUTLET	Motive Flow GPM	Water Suction GPH
5	0	2.1	29.1	60	0	7.2	26.4
	1		28.9		5		26.4
	2		28.4		10		26.3
	3		25.3		15		26.3
	4		*(4.4)		9.9		20
10	0	3.0	28.2		30		25.3
	2		28.1		35		23.8
	5		27.4		40		20.0
	7		13.2		45		*(53.5)
	8		*(9.0)		10.9		
15	0	3.6	28.1	70	0	7.8	25.8
	5		27.9		5		25.8
	7		28.0		10		25.9
	10		13.9		15		25.9
	12		*(13.5)		11.0		20
20	0	4.2	24.8		30		25.6
	5		24.8		40		25.6
	10		23.7		45		23.3
	12		19.1		50		16.7
	15		*(18.0)		14.5		55
25	0	4.7	25.1	80	0	8.4	26.2
	5		25.2		5		26.2
	10		25.1		10		26.2
	15		20.8		15		26.2
	20		*(22.0)		12.1		20
30	0	5.1	25.3		30		26.2
	5		25.3		40		26.3
	10		24.9		50		25.0
	15		25.1		60		17.1
	20		*(27.0)		18.2		65
35	0	5.5	25.5	90	0	8.9	27.0
	5		25.5		5		27.0
	10		25.4		10		27.0
	15		25.2		20		27.4
	20		21.9		30		27.2
40	0	5.9	25.6		40		27.2
	5		25.5		50		27.2
	10		25.6		60		24.4
	15		25.5		70		13.2
	20		25.2		75		*(80.5)
45	0	6.3	25.8	100	0	9.3	27.0
	5		25.9		5		27.0
	10		25.9		10		28.7
	15		25.8		20		28.7
	20		25.7		30		29.2
50	0	6.6	25.5		40		29.0
	5		25.5		50		28.8
	10		25.5		60		28.8
	15		25.5		70		28.4
	20		25.4		80		23.3
55	0	7.0	25.5	120	0	10.2	32.1
	5		25.5		5		32.1
	10		25.5		10		32.1
	15		25.5		20		32.1
	20		25.4		30		32.1
60	0	7.4	25.5		40		31.8
	5		25.5		50		31.8
	10		25.5		60		31.6
	15		25.5		70		31.6
	20		25.4		80		31.6
65	0	7.8	25.5	150	0	10.8	32.1
	5		25.5		5		32.1
	10		25.5		10		32.1
	15		25.5		20		32.1
	20		25.4		30		32.1
70	0	8.2	25.5		40		31.8
	5		25.5		50		31.8
	10		25.5		60		31.6
	15		25.5		70		31.6
	20		25.4		80		31.6
75	0	8.6	25.5	180	0	11.4	32.1
	5		25.5		5		32.1
	10		25.5		10		32.1
	15		25.5		20		32.1
	20		25.4		30		32.1
80	0	9.0	25.5		40		31.8
	5		25.5		50		31.8
	10		25.5		60		31.6
	15		25.5		70		31.6
	20		25.4		80		31.6
85	0	9.4	25.5	210	0	12.0	32.1
	5		25.5		5		32.1
	10		25.5		10		32.1
	15		25.5		20		32.1
	20		25.4		30		32.1
90	0	9.8	25.5		40		31.8
	5		25.5		50		31.8
	10		25.5		60		31.6
	15		25.5		70		31.6
	20		25.4		80		31.6
95	0	10.2	25.5	240	0	12.6	32.1
	5		25.5		5		32.1
	10		25.5		10		32.1
	15		25.5		20		32.1
	20		25.4		30		32.1
100	0	10.6	25.5		40		31.8
	5		25.5		50		31.8
	10		25.5		60		31.6
	15		25.5		70		31.6
	20		25.4		80		31.6
105	0	11.0	25.5	270	0	13.2	32.1
	5		25.5		5		32.1
	10		25.5		10		32.1
	15		25.5		20		32.1
	20		25.4		30		32.1
110	0	11.4	25.5		40		31.8
	5		25.5		50		31.8
	10		25.5		60		31.6
	15		25.5		70		31.6
	20		25.4		80		31.6
115	0	11.8	25.5	300	0	13.8	32.1
	5		25.5		5		32.1
	10		25.5		10		32.1
	15		25.5		20		32.1
	20		25.4		30		32.1
120	0	12.2	25.5		40		31.8
	5		25.5		50		31.8
	10		25.5		60		31.6
	15		25.5		70		31.6
	20		25.4		80		31.6
125	0	12.6	25.5	330	0	14.4	32.1
	5		25.5		5		32.1
	10		25.5		10		32.1
	15		25.5		20		32.1
	20		25.4		30		32.1
130	0	13.0	25.5		40		31.8
	5		25.5		50		31.8
	10		25.5		60		31.6
	15		25.5		70		31.6
	20		25.4		80		31.6
135	0	13.4	25.5	360	0	15.0	32.1
	5		25.5		5		32.1
	10		25.5		10		32.1
	15		25.5		20		32.1
	20		25.4		30		32.1
140	0	13.8	25.5		40		31.8
	5		25.5		50		31.8
	10		25.5		60		31.6
	15		25.5		70		31.6
	20		25.4		80		31.6
145	0	14.2	25.5	390	0	15.6	32.1
	5		25.5		5		32.1
	10		25.5		10		32.1
	15		25.5		20		32.1
	20		25.4		30		32.1
150	0	14.6	25.5		40		31.8
	5		25.5		50		31.8
	10		25.5		60		31.6
	15		25.5		70		31.6
	20		25.4		80		31.6
155	0	15.0	25.5	420	0	16.2	32.1
	5		25.5		5		32.1
	10		25.5		10		32.1
	15		25.5		20		32.1
	20		25.4		30		32.1
160	0	15.4	25.5		40		31.8
	5		25.5		50		31.8
	10		25.5		60		31.6
	15		25.5		70		31.6
	20		25.4		80		31.6
165	0	15.8	25.5	450	0	16.8	32.1
	5		25.5		5		32.1
	10		25.5		10		32.1
	15		25.5		20		32.1
	20		25.4		30		32.1
170	0	16.2	25.5		40		31.8
	5		25.5		50		31.8
	10		25.5		60		31.6
	15		25.5		70		31.6
	20		25.4		80		31.6
175	0	16.6	25.5	480	0	17.4	32.1
	5		25.5		5		32.1
	10		25.5		10		32.1
	15		25.5		20		32.1
	20		25.4		30		32.1
180	0	17.0	25.5		40		31.8
	5		25.5		50		31.8
	10		25.5		60		31.6
	15		25.5		70		31.6
	20		25.4		80		31.6
185	0	17.4	25.5	510	0	18.0	32.1
	5		25.5		5		32.1
	10		25.5		10		32.1
	15		25.5		20		32.1
	20		25.4		30		32.1
190	0	17.8	25.5		40		31.8
	5		25.5		50		31.8
	10		25.5		60		31.6
	15		25.5		70		31.6
	20		25.4		80		31.6
195	0	18.2	25.5	540	0	18.6	32.1
	5		25.5		5		32.1
	10		25.5		10		32.1
	15		25.5		20		32.1
	20		25.4		30		32.1
200	0	18.6	25.5		40		31.8
	5		25.5		50		31.8
	10		25.5		60		31.6
	15		25.5		70		31.6
	20		25.4		80		31.6
205	0	19.0	25.5	570	0	19.2	32.1
	5		25.5		5		32.1
	10		25.5		10		32.1
	15		25.5		20		32.1
	20		25.4		30		32.1
210	0	19.4	25.5		40		31.8
	5		25.5		50		31.8
	10		25.5		60		31.6
	15		25.5		70		31.6
	20		25.4		80		31.6
215	0	19.8	25.5	600	0	19.8	32.1
	5		25.5		5		32.1
	10		25.5		10		32.1
	15		25.5		20		32.1
	20		25.4		30		32.1
220	0	20.2	25.5		40		31.8
	5		25.5		50		31.8
	10		25.5		60		31.6
	15		25.5		70		31.6
	20		25.4		80		31.6
225	0	20.6	25.5	630	0	20.4	32.1
	5		25.5		5		32.1
	10		25.5		10		32.1
	15		25.5		20		32.1
	20		25.4		30		32.1
230	0	21.0	25.5		40		31.8
	5		25.5		50		31.8
	10		25.5		60		31.6
	15		25.5		70		31.6
	20		25.4		80		31.6
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Operating Pressure kg/cm ²		WATER SUCTION		Operating Pressure kg/cm ²		WATER SUCTION	
Injector Inlet	Injector Outlet	Motive Flow l/min	Water Suction l/hr	Injector Inlet	Injector Outlet	Motive Flow l/min	Water Suction l/hr
0.35	0.00	7.9	110	4.22	0.00	27.4	100
	0.07		109		0.35		100
	0.14		107		0.70		99.9
	0.21		96.0		1.05		99.9
	0.28		37.8		1.41		99.1
0.70	0.00	11.2	107		2.11		96.0
	0.14		106		2.46		90.2
	0.35		103		2.81		76.0
	0.49		50.2		3.16		54.5
	0.56		41.6		4.92		0.00
0.00	106	0.35	97.9				
0.35	105	0.70	98.1				
0.49	106	1.05	98.1				
0.70	52.9	1.41	97.8				
1.05	0.84	13.7	41.8	2.11		97.2	
	0.00		93.9	2.81		96.9	
	0.35		94.0	3.16		88.4	
	0.70		89.7	3.52		63.3	
	0.84		72.5	3.87		34.3	
1.41	1.05	15.8	55.2	5.62	0.00	31.6	99.1
	0.00		95.3		0.35		99.1
	0.35		95.4		0.70		99.1
	0.70		95.1		1.05		99.1
	1.05		78.8		1.41		99.5
1.76	1.41	17.7	46.1		2.11		99.3
	0.00		95.8		2.81		99.6
	0.35		96.0		3.52		94.7
	0.70		94.4		4.22		64.9
	1.05		95.3		4.57		29.7
	1.76		69.0	6.33	0.00	33.6	102
0.35	43.7	0.35	102				
0.70	96.6	0.70	102				
1.05	96.6	1.41	103				
1.41	96.2	2.11	103				
1.76	95.6	2.81	103				
2.11	1.76	19.4	62.4		3.52	103	
	0.00		97.0		4.22	92.3	
	0.35		96.8		4.92	50.1	
	0.70		96.9		5.27	19.8	
	1.05		96.5	7.03	0.00	35.4	108
	1.41		95.5		0.35	108	
1.76	80.7	0.70	108				
2.11	56.9	1.41	110				
0.00	98.0	2.11	109				
0.35	98.3	2.81	109				
2.46	0.70	20.9	98.2		3.52	109	
	1.05		97.9		4.22	107	
	1.41		97.4		4.92	88.3	
	1.76		89.3		5.62	63.8	
	2.11		73.4	8.44	0.00	38.7	121
	2.46		51.2		0.35	121	
	0.00		96.8		0.70	121	
0.35	96.8	1.41	121				
0.70	96.8	2.11	121				
1.05	96.6	2.81	120				
1.41	96.2	3.52	120				
1.76	92.5	4.22	119				
2.11	81.6	4.92	119				
2.46	59.6	5.62	108				
2.81	10.7	6.33	65.0				
		7.03					



Operating Pressure PSIG		AIR SUCTION		Operating Pressure PSIG		AIR SUCTION		
Injector INLET	Injector OUTLET	Motive Flow GPM	Air Suction SCFH	Injector INLET	Injector OUTLET	Motive Flow GPM	Air Suction SCFH	
5	0	2.0	8.8	60	0	6.9	36.2	
	1		3.2		5		26.7	
	2		1.2		10		21.0	
	3		0.73		15		13.6	
	4		*(4.4)		0.31		20	10.0
10	0	2.8	14.6		30		5.7	
	2		5.9		35		4.3	
	5		1.7		40		2.8	
	7		0.77		45		*(53.5)	2.0
	8		*(9.0)		0.50		70	0
15	0	3.5	17.4	5	28.8			
	5		4.6	10	23.6			
	7		2.7	15	17.2			
	10		0.98	20	12.8			
	12		*(13.5)	0.49	30	8.0		
20	0	4.0	20.5	40	4.6			
	5		8.2	45	3.8			
	10		2.9	50	2.7			
	12		1.7	55	*(63.0)	1.7		
	15		*(18.0)	0.88	80	0	8.0	38.0
25	0	4.5	23.1	5		31.0		
	5		10.5	10		26.2		
	10		4.8	15		21.9		
	15		1.9	20		16.0		
	20		*(22.0)	0.74		30		10.4
30	0	4.9	26.1	40		7.1		
	5		13.6	50		4.6		
	10		6.7	60		2.6		
	15		3.3	65		*(72.5)		1.7
	20		1.8	90	0	8.5	38.5	
25	*(27.0)	0.64	5		32.7			
35	0	5.3	28.4		10		28.9	
	5		18.5		20		19.7	
	10		9.3		30		12.9	
	15		5.2		40		8.8	
	20		2.7		50		5.8	
25	*(31.5)	1.7	60		3.8			
40	0	5.7	30.7		70		2.2	
	5		19.4		75		*(80.5)	1.7
	10		10.9	100	0	9.0	39.2	
	15		6.9		5		35.2	
	20		4.2		10		30.3	
25	2.7	20	23.1					
30	*(35.5)	1.5	30		14.4			
45	0	6.0	31.6		40		11.0	
	5		21.5		50		7.6	
	10		12.6		60		5.2	
	15		9.4		70		3.3	
	20		5.8		80		*(90.0)	2.0
	25		3.9	120	0	9.8	40.3	
	30		2.5		5		38.4	
35	*(40.0)	1.4	10		33.5			
50	0	6.3	33.1		20		27.5	
	5		22.5		30		18.5	
	10		16.0		40		13.9	
	15		10.3		50		10.8	
	20		7.6		60		7.6	
	25		5.0		70		6.2	
	30		3.5		80		4.3	
	35		2.2	90	3.1			
40	*(45.0)	1.3	100	*(107)	1.8			

Injector Performance Table
 Air Suction Capacity

Model 584

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**NUMBERS IN PARENTHESIS indicate the injector outlet pressure when suction stops (Zero Suction Point).*



Operating Pressure kg/cm ²		AIR SUCTION		Operating Pressure kg/cm ²		AIR SUCTION		
Injector INLET	Injector OUTLET	Motive Flow l/min	Air Suction l/min	Injector INLET	Injector OUTLET	Motive Flow l/min	Air Suction l/min	
0.35	0.00	7.6	4.1	4.22	0.00	26.3	17.1	
	0.07		1.5		0.35		12.6	
	0.14		0.60		0.70		9.9	
	0.21		0.34		1.05		6.4	
	0.28		*(0.31)		1.41		4.7	
0.70	0.00	10.7	6.8		2.11		2.6	
	0.14		2.7		2.46		2.0	
	0.35		0.81		2.81		1.3	
	0.49		0.36		3.16		*(3.76)	0.96
	0.56		*(0.63)		0.23			
1.05	0.00	13.1	8.2	4.92	0.00	28.4	17.2	
	0.35		2.1		0.35		13.5	
	0.49		1.2		0.70		11.1	
	0.70		0.46		1.05		8.1	
	0.84		*(0.95)		1.41		6.0	
1.41	0.00	15.2	9.7		2.11		3.8	
	0.35		3.8		2.81		2.2	
	0.70		1.3		3.16		1.8	
	0.84		0.82		3.52		1.2	
	1.05		*(1.27)		3.87		*(4.43)	0.82
1.76	0.00	17.0	10.9	5.62	0.00	30.3	17.9	
	0.35		4.9		0.35		14.6	
	0.70		2.2		0.70		12.3	
	1.05		0.94		1.05		10.3	
	1.41		*(1.55)		1.41		7.5	
2.11	0.00	18.6	12.3		2.11		4.9	
	0.35		6.4		2.81		3.3	
	0.70		3.1		3.52		2.1	
	1.05		1.5		4.22		1.2	
	1.41		0.86		4.57		*(5.10)	0.83
2.46	0.00	20.1	13.4	6.33	0.00	32.2	18.2	
	0.35		8.7		0.35		15.4	
	0.70		4.4		0.70		13.6	
	1.05		2.4		1.41		9.3	
	1.41		1.3		2.11		6.1	
2.81	0.00	21.4	14.5		2.81		4.1	
	0.35		9.2		3.52		2.7	
	0.70		5.1		4.22		1.8	
	1.05		3.2		4.92		1.0	
	1.41		1.9		5.27		*(5.66)	0.84
3.16	0.00	22.7	14.9	7.03	0.00	33.9	18.5	
	0.35		10.1		0.35		16.6	
	0.70		5.9		0.70		14.3	
	1.05		4.4		1.41		10.9	
	1.41		2.7		2.11		6.8	
3.52	0.00	24.0	15.6		2.81		5.1	
	0.35		10.6		3.52		3.6	
	0.70		7.5		4.22		2.4	
	1.05		4.8		4.92		1.6	
	1.41		3.6		5.62		*(6.33)	0.96
4.22	0.00	26.3	17.1	8.44	0.00	37.1	19.0	
	0.35		12.6		0.35		18.1	
	0.70		9.9		0.70		15.8	
	1.05		6.4		1.41		13.0	
	1.41		4.7		2.11		8.7	
	2.11		2.6		2.81		6.5	
	2.46		2.0		3.52		5.1	
	2.81		1.3		4.22		3.6	
3.16	0.96	4.92	2.9					
3.52	0.82	5.62	2.0					
4.22	0.77	6.33	1.4					
5.62	0.72	7.03	*(7.52)	0.87				

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**NUMBERS IN PARENTHESIS indicate the injector outlet pressure when suction stops (Zero Suction Point).*