



Injector Performance Table
Water Suction Capacity

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	17.7	244	60	0	61.3	275
	1		102		5		275
	2		91.4		10		275
	3		54.2		15		275
	4		*(4.1)		20		275
10	0	25.0	269		30		271
	2		249		35		259
	5		103		40		212
	7		58.3		45		*(49.9)
	8		*(8.7)		14.4		117
15	0	30.6	270	70	0	66.2	277
	5		184		5		277
	7		154		10		277
	10		98.5		15		277
	12		*(13.5)		38.0		20
20	0	35.4	267		30		274
	5		265		40		263
	10		174		45		209
	12		142		50		151
	15		*(17.0)		87.9		55
25	0	39.6	265	80	0	70.8	275
	5		264		5		275
	10		229		10		275
	15		156		15		275
	20		*(22.1)		55.0		20
30	0	43.3	263		30		275
	5		261		40		273
	10		268		50		229
	15		200		60		92.5
	20		*(25.6)		164		65
35	0	46.8	33.3	90	0	75.1	274
	5		285		5		274
	10		284		10		274
	15		287		20		274
	20		251		30		274
40	0	50.0	287		40		274
	5		284		50		274
	10		282		60		272
	15		278		70		208
	20		244		75		*(74.0)
45	0	53.1	180	100	0	79.1	275
	5		115		5		275
	10		259		10		275
	15		259		20		275
	20		260		30		275
50	0	55.9	259		40		275
	5		259		50		274
	10		260		60		265
	15		257		70		179
	20		252		80		*(81.9)
55	0	58.3	225	120	0	86.7	269
	5		157		5		269
	10		73.5		10		269
	15		260		20		269
	20		259		30		269
60	0	61.3	258		40		269
	5		259		50		269
	10		258		60		270
	15		257		70		268
	20		252		80		226
65	0	66.2	205	130	0	93.8	269
	5		137		5		269
	10		75.1		10		269
	15		*(41.0)		20		269
	20		*(41.0)		75.1		30

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

Model 1587



Injector Performance Table
Water Suction Capacity - METRIC

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	67.0	924	4.22	0.00	232	1,043	
	0.07		389		0.35		1,043	
	0.14		346		0.70		1,043	
	0.21		205		1.05		1,043	
	0.28		*(0.29)		1.41		1,043	
0.70	0.00	94.7	1,020		2.11		1,027	
	0.14		942		2.46		981	
	0.35		392		2.81		804	
	0.49		220		3.16		*(3.51)	445
	0.56		*(0.61)		54.5			
1.05	0.00	116	1,024	4.92	0.00	251	1,049	
	0.35		699		0.35		1,049	
	0.49		583		0.70		1,049	
	0.70		373		1.05		1,049	
	0.84		*(0.95)		143		1.41	1,049
1.41	0.00	134	1,010		2.11		1,039	
	0.35		1,005		2.81		997	
	0.70		661		3.16		791	
	0.84		537		3.52		572	
	1.05		*(1.20)		332		3.87	*(4.01)
1.76	0.00	150	1,003	5.62	0.00	268	1,044	
	0.35		1,002		0.35		1,044	
	0.70		869		0.70		1,044	
	1.05		593		1.05		1,044	
	1.41		*(1.55)		208		1.41	1,044
2.11	0.00	164	997		2.11		1,044	
	0.35		989		2.81		1,034	
	0.70		1,015		3.52		870	
	1.05		758		4.22		350	
	1.41		623		4.57		*(4.64)	194
	1.76		*(1.80)	126				
2.46	0.00	177	1,081	6.33	0.00	284	1,040	
	0.35		1,077		0.35		1,040	
	0.70		1,088		0.70		1,040	
	1.05		952		1.41		1,040	
	1.41		725		2.11		1,040	
	1.76		*(2.04)		544		2.81	1,029
2.81	0.00	189	1,086		3.52		787	
	0.35		1,078		4.22		236	
	0.70		1,069		4.92		*(5.20)	
	1.05		1,053		5.27			
	1.41		925					
3.16	1.76	201	682	7.03	0.00	299	1,041	
	2.11		437		0.35		1,041	
	2.46		*(2.33)		0.70		1,041	
					1.41		1,041	
					2.11		1,041	
3.52	0.00	212	983		2.81		1,041	
	0.35		981		3.52		1,037	
	0.70		985		4.22		1,005	
	1.05		972		4.92		680	
	1.41		972		5.62		*(5.76)	236
	1.76		855					
	2.11		594					
3.52	2.46	212	278	8.44	0.00	328	1,020	
	2.81		*(2.69)		0.35		1,020	
					0.70		1,020	
					1.41		1,020	
					2.11		1,020	
					2.81		1,020	
					3.52		1,020	
					4.22		1,022	
					4.92		1,017	
					5.62		855	
		6.33	401					
		7.03	*(6.88)					

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Model 1587



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	17.0	65.9	60	0	58.7	306
	1		21.8		5		250
	2		15.6		10		161
	3		8.7		15		96.0
	4		*(4.1)		20		71.7
10	0	24.0	127		30		40.4
	2		61.1		35		31.9
	5		21.6		40		23.3
	7		9.7		45		*(49.9)
	8		*(8.7)				21.8
15	0	29.4	153				
	5		42.6				
	7		26.7				
	10		13.7				
	12		*(13.5)				
20	0	33.9	173				
	5		64.2				
	10		25.5				
	12		18.7				
	15		*(17.0)				
25	0	37.9	195				
	5		91.0				
	10		43.4				
	15		19.0				
	20		*(22.1)				
30	0	41.5	230				
	5		114				
	10		54.8				
	15		30.0				
	20		17.4				
35	0	44.9	230				
	5		143				
	10		70.8				
	15		41.6				
	20		27.0				
40	0	48.0	255				
	5		189				
	10		86.8				
	15		52.4				
	20		36.2				
45	0	50.9	267				
	5		207				
	10		91.1				
	15		58.8				
	20		39.9				
50	0	53.6	269				
	5		222				
	10		111				
	15		70.6				
	20		51.7				
60	25	58.7	37.3				
	30		22.7				
	35		19.6				
	40		14.4				
	45		*(41.0)				

Injector Performance Table
 Air Suction Capacity

Model 1587

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Injector Performance Table
Air Suction Capacity - METRIC

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	64.2	31.1	4.22	0.00	222	144	
	0.07		10.3		0.35		118	
	0.14		7.4		0.70		76.4	
	0.21		4.1		1.05		45.3	
	0.28		*(0.29)		1.41		33.8	
0.70	0.00	90.8	60.3		2.11		19.0	
	0.14		28.8		2.46		15.0	
	0.35		10.2		2.81		11.0	
	0.49		4.6		3.16		*(3.51)	10.3
	0.56		*(0.61)					
1.05	0.00	111	72.5					
	0.35		20.1					
	0.49		12.6					
	0.70		6.4					
	0.84		*(0.95)					
1.41	0.00	128	81.6					
	0.35		30.3					
	0.70		12.0					
	0.84		8.8					
	1.05		*(1.20)					
1.76	0.00	143	92.3					
	0.35		42.9					
	0.70		20.5					
	1.05		9.0					
	1.41		*(1.55)					
2.11	0.00	157	108					
	0.35		54.0					
	0.70		25.8					
	1.05		14.1					
	1.41		8.2					
	1.76		*(1.80)					
2.46	0.00	170	108					
	0.35		67.7					
	0.70		33.4					
	1.05		19.6					
	1.41		12.7					
	1.76		*(2.04)					
2.81	0.00	181	120					
	0.35		89.5					
	0.70		40.9					
	1.05		24.7					
	1.41		17.0					
	1.76		12.6					
	2.11		*(2.33)					
3.16	0.00	193	126					
	0.35		98.1					
	0.70		43.0					
	1.05		27.7					
	1.41		18.8					
	1.76		13.3					
	2.11		8.9					
	2.46		*(2.88)					
3.52	0.00	203	127					
	0.35		104					
	0.70		52.6					
	1.05		33.3					
	1.41		24.4					
	1.76		17.6					
	2.11		10.7					
	2.46		9.2					
2.81	*(2.88)							

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