



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	18.0	47.0	60	0	62.5	238	
	1		40.0		5		219	
	2		31.8		10		190	
	3		20.5		15		157	
	4		*(4.1)		10.6		20	120
10	0	25.5	98.0		30		68.3	
	2		72.4		35		53.0	
	5		37.1		40		37.1	
	7		20.5		45		*(51.5)	25.8
	8		*(8.5)		12.6		70	0
15	0	31.2	144	5	232			
	5		71.7	10	207			
	7		45.7	15	179			
	10		*(13.0)	23.8	20	150		
	12		9.3	30	91.9			
20	0	36.1	170	40	56.3			
	5		102	45	43.0			
	10		41.0	50	33.1			
	12		31.1	55	*(60.0)	21.2		
	15		*(17.0)	12.6	80	0	72.2	248
25	0	40.3	185	5		239		
	5		128	10		222		
	10		65.7	15		199		
	15		*(21.5)	33.1		20		174
	20		12.0	30		117		
30	0	44.2	194	40		79.7		
	5		152	50		49.0		
	10		99.4	60		27.8		
	15		54.3	65		*(68.0)		17.9
	20		28.5	90	0	76.5	250	
25	*(26.0)	10.0	5		246			
35	0	47.7	206		10		234	
	5		173		20		193	
	10		123		30		142	
	15		72.4		40		98.0	
	20		39.7		50		68.3	
25	*(30.5)	22.5	60		46.3			
40	0	51.0	212		70		26.5	
	5		188		75		*(77.0)	17.9
	10		147	100	0	80.7	252	
	15		98.7		5		252	
	20		59.7		10		245	
25	38.4	20	208					
30	*(35.0)	21.8	30		168			
45	0	54.1	222		40		122	
	5		197		50		89.2	
	10		157		60		61.7	
	15		111		70		42.4	
	20		73.7		80		*(86.0)	25.2
	25		49.7	120	0	88.4	260	
	30		32.4		5		257	
35	*(39.5)	21.2	10		255			
50	0	57.0	226		20		237	
	5		207		30		208	
	10		175		40		169	
	15		133		50		130	
	20		96.6		60		98.7	
	25		68.3		70		75.7	
	30		47.0		80		55.0	
	35		31.8	90	37.1			
40	*(42.5)	18.5	100	*(103)	21.8			

Injector Performance Table
 Air Suction Capacity

Model 1584

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



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	68.3	22.1	4.22	0.00	236	112
	0.07		18.8		0.35		103
	0.14		15.0		0.70		90.1
	0.21		9.7		1.05		74.4
	0.28		5.0		1.41		56.9
0.00	46.2	2.11	32.2				
0.70	0.14	96.6	34.1		2.46		25.0
	0.35		17.5		2.81		17.5
	0.49		9.7		3.16		12.2
	0.56		5.9		*(3.62)		115
1.05	0.00	118	67.9	0.35	109		
	0.35		33.8	0.70	98.1		
	0.49		21.5	1.05	84.5		
	0.70		11.2	1.41	71.1		
	0.84		4.4	2.11	43.4		
1.41	0.00	137	80.2	2.81	26.6		
	0.35		48.2	3.16	20.3		
	0.70		19.3	3.52	15.6		
	0.84		14.7	3.87	10.0		
	1.05		5.9	*(4.22)	117		
1.76	0.00	153	87.3	0.35	113		
	0.35		60.8	0.70	105		
	0.70		31.0	1.05	94.2		
	1.05		15.6	1.41	82.2		
	1.41		5.6	2.11	55.3		
2.11	0.00	167	91.5	2.81	37.6		
	0.35		72.1	3.52	23.1		
	0.70		46.9	4.22	13.1		
	1.05		25.6	4.57	8.4		
	1.41		13.4	*(4.78)	118		
1.76	4.7	0.35	116				
2.46	0.00	181	97.2	0.70	110		
	0.35		81.8	1.41	91.4		
	0.70		58.2	2.11	67.1		
	1.05		34.1	2.81	46.2		
	1.41		18.7	3.52	32.2		
	1.76		10.6	4.22	21.8		
2.81	0.00	193	100	4.92	12.5		
	0.35		89.0	5.27	8.4		
	0.70		69.7	0.00	118		
	1.05		46.6	0.35	119		
	1.41		28.1	0.70	115		
	1.76		18.1	1.41	98.4		
2.11	10.3	2.11	79.4				
3.16	0.00	205	104	2.81	57.5		
	0.35		93.2	3.52	42.1		
	0.70		74.4	4.22	29.1		
	1.05		52.4	4.92	20.0		
	1.41		34.8	5.62	11.8		
	1.76		23.4	0.00	122		
	2.11		15.3	0.35	121		
2.46	10.0	0.70	120				
3.52	0.00	216	106	1.41	112		
	0.35		98.1	2.11	98.4		
	0.70		82.8	2.81	80.1		
	1.05		62.8	3.52	61.5		
	1.41		45.6	4.22	46.6		
	1.76		32.2	4.92	35.7		
	2.11		22.2	5.62	25.9		
	2.46		15.0	6.33	17.5		
	2.81		8.7	7.03	10.3		

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