



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	32.4	629	60	0	112	630	
	1		629		5		630	
	2		629		10		630	
	3		214		15		630	
	4		*(4.5)		135		20	630
10	0	45.8	629		30		600	
	2		629		35		508	
	5		467		40		380	
	7		149		45		*(50.0)	216
	8		*(9.0)		30.0		70	0
15	0	56.2	630	5	630			
	5		623	10	630			
	7		576	15	630			
	10		213	20	630			
	12		*(13.3)	76	30	630		
20	0	64.8	630	40	528			
	5		630	45	440			
	10		468	50	326			
	12		298	55	*(58.5)	142		
	15		*(17.5)	151	80	0	130	630
25	0	72.5	630	5		630		
	5		630	10		630		
	10		626	15		630		
	15		404	20		630		
	20		*(22.3)	134		30		630
30	0	79.4	630	40		604		
	5		630	50		505		
	10		630	60		269		
	15		511	65		*(66.5)		60.7
	20		341	90	0	138	630	
25	*(26.0)	61.7	5		630			
35	0	85.8	630		10		630	
	5		630		20		630	
	10		630		30		630	
	15		626		40		630	
	20		459		50		601	
25	*(30.5)	255	60		458			
40	0	91.7	630		70		179	
	5		630		75		*(75.5)	
	10		630	100	0	145	630	
	15		630		5		630	
	20		523		10		630	
25	394	20	630					
30	*(33.5)	168	30		630			
45	0	97.3	630		40		630	
	5		630		50		621	
	10		630		60		593	
	15		630		70		412	
	20		606		80		*(83.0)	120
	25		507	120	0	159	630	
	30		341		5		630	
35	*(38.0)	148	10		630			
50	0	102	630		20		630	
	5		630		30		630	
	10		630		40		630	
	15		630		50		630	
	20		630		60		612	
	25		587		70		595	
	30		452		80		523	
	35		299	90	309			
40	*(41.5)	115	100	*(100.9)				

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

Model 2081



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	123	2,384	4.22	0.00	425	2,387	
	0.07		2,384		0.35		2,387	
	0.14		2,384		0.70		2,387	
	0.21		811		1.05		2,387	
	0.28		* (0.32)		514		1.41	2,387
0.70	0.00	174	2,384		2.11		2,272	
	0.14		2,384		2.46		1,925	
	0.35		1,769		2.81		1,441	
	0.49		565		3.16		* (3.52)	820
	0.56		* (0.63)		113		0.00	2,387
1.05	0.00	213	2,387	0.35	2,387			
	0.35		2,359	0.70	2,387			
	0.49		2,181	1.05	2,387			
	0.70		806	1.41	2,387			
	0.84		* (0.94)	289	2.11	2,387		
1.41	0.00	245	2,387	2.81	2,002			
	0.35		2,387	3.16	1,666			
	0.70		1,771	3.52	1,234			
	0.84		1,129	3.87	* (4.11)	538		
	1.05		* (1.23)	574	0.00	2,387		
1.76	0.00	274	2,387	0.35	2,387			
	0.35		2,387	0.70	2,387			
	0.70		2,371	1.05	2,387			
	1.05		1,529	1.41	2,387			
	1.41		* (1.57)	508	2.11	2,387		
2.11	0.00	301	2,387	2.81	2,287			
	0.35		2,387	3.52	1,914			
	0.70		2,387	4.22	1,020			
	1.05		1,935	4.57	* (4.68)	229		
	1.41		1,292	0.00	2,387			
	1.76		* (1.83)	233	0.35	2,387		
2.46	0.00	325	2,387	0.70	2,387			
	0.35		2,387	1.41	2,387			
	0.70		2,387	2.11	2,387			
	1.05		2,371	2.81	2,387			
	1.41		1,740	3.52	2,278			
	1.76		* (2.14)	968	4.22	1,735		
2.81	0.00	347	2387	4.92	678			
	0.35		2387	5.27	* (5.31)			
	0.70		2387	0.00	2,387			
	1.05		2387	0.35	2,387			
	1.41		1982	0.70	2,387			
	1.76		1492	1.41	2,387			
3.16	2.11	* (2.36)	639	2.11	2,387			
	0.00	368	2,387	2.81	2,387			
	0.35		2,387	3.52	2,352			
	0.70		2,387	4.22	2,247			
	1.05		2,387	4.92	1,561			
	1.41		2,295	5.62	* (5.84)	456		
	1.76		1,921	0.00	2,387			
2.11	1,292		0.35	2,387				
3.52	2.46	* (2.67)	563	0.70	2,387			
	0.00	388	2,387	1.41	2,387			
	0.35		2,387	2.11	2,387			
	0.70		2,387	2.81	2,387			
	1.05		2,387	3.52	2,387			
	1.41		2,387	4.22	2,316			
	1.76		2,224	4.92	2,252			
	2.11		1,714	5.62	1,980			
2.46	1,134		6.33	1,171				
2.81	* (2.92)	435	7.03	* (7.09)				

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Model 2081



Operating Pressure PSIG		AIR SUCTION		Operating Pressure PSIG		AIR SUCTION	
Injector INLET	Injector OUTLET	Motive Flow GPM	Air Suction SCFM	Injector INLET	Injector OUTLET	Motive Flow GPM	Air Suction SCFM
5	0	31		60	0	106	15.10
	1		1.77		5		13.75
	2		0.67		10		8.78
	3				15		5.25
	4		*(4.1)		20		3.78
10	0	43	3.83		30		1.90
	2		2.05		35		1.47
	5		0.73		40		1.03
	7				45		*(50.0)
	8		*(9.0)				
15	0	54	7.23	70	0	114	15.30
	5		1.45		5		14.70
	7		0.95		10		11.45
	10				15		6.50
	12		*(13.3)		20		4.97
20	0	61	9.47		30		2.83
	5		2.35		40		1.55
	10		1.03		45		1.20
	12		0.75		50		0.92
	15		*(17.5)		55		*(58.5)
25	0	68	11.00	80	0	122	15.20
	5		3.82		5		13.45
	10		1.57		10		8.57
	15		0.82		15		6.42
	20		*(22.3)		20		3.87
30	0	75	11.98		30		2.10
	5		5.48		40		1.42
	10		2.15		50		0.85
	15		1.30		60		0.70
	20		0.73		65		*(66.5)
	25		*(26.0)				
35	0	80	12.97	90	0	129	15.42
	5		7.48		5		13.13
	10		3.17		10		7.50
	15		1.75		20		5.00
	20		1.08		30		3.13
	25		*(30.5)		40		1.87
40	0	86	13.45		50		1.28
	5		9.37		60		0.80
	10		4.07		70		0.67
	15		2.28		75		*(75.8)
	20		1.55				
	25		1.03				
45	0	92	13.97	100	0	137	15.50
	5		11.47		5		13.53
	10		4.77		10		8.88
	15		2.98		20		5.95
	20		1.87		30		4.03
	25		1.42		40		2.40
	30		0.90		50		1.60
35	*(38.0)	60	1.17				
50	0	96	14.45		70		0.77
	5		10.58		80		*(82.0)
	10		5.72	85			
	15		3.80	90	15.48		
	20		2.43	100	13.67		
	25		1.58	110	11.33		
	30		1.18	120	8.03		
	35		0.85	130	5.80		
	40		*(41.5)	140	4.22		
		150	2.77				
		160	1.83				
		170	1.42				
		180	1.00				
		190	0.72				
		200	*(100.4)				

Injector Performance Table
 Air Suction Capacity

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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	117		4.22	0.00	400	428	
	0.07		50.0		0.35		389	
	0.14		18.9		0.70		249	
	0.21				1.05		149	
	0.28		*(0.29)		1.41		107	
0.70	0.00	164	109		2.11		53.8	
	0.14		58.1		2.46		41.5	
	0.35		20.8		2.81		29.3	
	0.49				3.16		*(3.52)	
	0.56		*(0.63)					
1.05	0.00	205	205	4.92	0.00	432	433	
	0.35		41.1		0.35		416	
	0.49		26.9		0.70		324	
	0.70				1.05		184	
	0.84		*(0.94)		1.41		141	
1.41	0.00	233	268		2.11		80.2	
	0.35		66.6		2.81		43.9	
	0.70		29.3		3.16		34.0	
	0.84		21.2		3.52		26.0	
	1.05		*(1.23)		3.87		*(4.11)	
1.76	0.00	259	312	5.62	0.00	464	431	
	0.35		108		0.35		381	
	0.70		44.4		0.70		243	
	1.05		23.1		1.05		182	
	1.41		*(1.57)		1.41		110	
2.11	0.00	285	339		2.11		59.5	
	0.35		155		2.81		40.1	
	0.70		60.9		3.52		24.1	
	1.05		36.8		4.22		19.8	
	1.41		20.8		4.57		*(4.68)	
	1.76		*(1.83)					
2.46	0.00	304	367	6.33	0.00	490	437	
	0.35		212		0.35		372	
	0.70		89.7		0.70		212	
	1.05		49.6		1.41		142	
	1.41		30.7		2.11		88.7	
	1.76		*(2.14)		2.81		52.9	
2.81	0.00	328	381		3.52		36.3	
	0.35		265		4.22		22.7	
	0.70		115		4.92		18.9	
	1.05		64.7		5.27		*(5.33)	
	1.41		43.9	0.00	7.03	0.00	519	439
	1.76		29.3	0.35		383		
2.11	*(2.36)	0.70	252					
	18.9	1.41	169					
		2.11	114					
		2.81	68.0					
3.16	0.00	347	396	3.52		45.3		
	0.35		325	4.22		33.0		
	0.70		135	4.92		21.7		
	1.05		84.5	5.62		*(5.77)		
	1.41		52.9	0.00	8.44	0.00	568	439
	1.76		40.1	0.35		387		
	2.11		25.5	0.70		321		
2.46	*(2.67)	1.41	228					
		2.11	164					
		2.81	119					
		3.52	78.4					
3.52	0.00	365	409	4.22		51.9		
	0.35		300	4.92		40.1		
	0.70		162	5.62		28.3		
	1.05		108	6.33	20.3			
	1.41		68.9	7.03	*(7.06)			
	1.76		44.8					
	2.11		33.5					
	2.46		24.1					
2.81	*(2.92)							

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