



Injector Performance Table
Water Suction Capacity

Operating Pressure PSIG		WATER SUCTION		Operating Pressure PSIG		WATER SUCTION		
Injector INLET	Injector OUTLET	Motive Flow GPH	Water Suction GPH	Injector INLET	Injector OUTLET	Motive Flow GPH	Water Suction GPH	
5	0	10.2	3.2	60	0	32.4	6.0	
	1		2.0		10		6.0	
	2		1.1		20		5.7	
	3				25		4.9	
	4		*(3.5)		30		3.8	
10	0	14.4	4.7	35	*(45.5)	2.4		
	2		2.8	40		1.3		
	5		1.2	45				
	7			0		6.0		
15	0	16.8	5.4	70	10	34.8	6.0	
	5		2.7		20		6.0	
	7		1.7		30		5.2	
	10				35		4.0	
	12		*(10.5)		40		2.9	
20	0	19.2	5.8	80	45	36.0	1.9	
	5		3.7		50		0.9	
	10		2.0		55		*(54.0)	
	12		0.6		0		6.0	
25	0	21.0	5.9	90	20	39.0	6.0	
	5		4.8		30		6.0	
	10		2.6		35		6.0	
	15		0.7		40		5.5	
	20		*(18.5)		45		4.5	
30	0	23.4	6.0	100	50	41.4	3.0	
	5		5.8		60		2.3	
	10		3.8		65		1.2	
	15		2.4		70		0.6	
	20		0.8		75		*(60.5)	
35	0	24.6	6.0	120	0	45.6	6.0	
	5		6.0		40		6.0	
	10		4.8		60		5.2	
	15		3.4		80		2.3	
	20		1.7		90		1.0	
	25		*(26.0)		95		*(93.0)	
40	0	25.8	6.0	50	0	28.8	6.0	
	5		6.0		5		6.0	
	10		5.5		10		6.0	
	15		4.2		15		5.7	
	20		2.6		20		4.7	
	25		1.2		25		3.5	
45	0	27.6	6.0	30	28.8	*(37.0)	6.0	
	5		6.0				5	6.0
	10		5.8				10	6.0
	15		4.9				15	5.7
	20		3.4				20	4.7
	25		2.7				25	3.5
	30		1.0				30	2.1
35	*(33.5)	35	0.7					

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

Model 283



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	0.64	12.11	4.22	0.00	2.0	22.71
	0.07		7.57		0.70		22.71
	0.14		4.16		1.41		21.58
	0.21		1.76		18.55		
	0.28	*(0.25)	2.11		14.38		
0.70	0.00	0.91	17.79		2.46		9.08
	0.14		10.60		2.81		4.92
	0.35		4.54		3.16		*(3.20)
	0.49				0.00		22.71
	0.56		*(0.49)		0.70		22.71
1.05	0.00	1.1	20.44	1.41	22.71		
	0.35		10.22	2.11	19.68		
	0.49		6.43	2.46	15.14		
	0.70			2.81	10.98		
	0.84		*(0.74)	3.16	7.19		
1.41	0.00	1.2	21.96	3.52	3.40		
	0.35		14.01	3.87	*(3.80)		
	0.70		7.57	0.00	22.71		
	0.84		2.27	1.41	22.71		
	1.05		*(1.05)	2.11	22.71		
1.76	0.00	1.3	22.33	2.46	20.82		
	0.35		18.17	2.81	17.03		
	0.70		9.84	3.16	12.49		
	1.05		2.65	3.52	8.70		
	1.41		*(1.30)	3.87	3.78		
2.11	0.00	1.5	22.71	4.22	*(4.26)		
	0.35		21.96	4.57	0.00		
	0.70		14.38	0.00	22.71		
	1.05		9.08	1.41	22.71		
	1.41		3.02	2.11	22.71		
2.46	0.00	1.5	22.71	2.81	21.58		
	0.35		22.71	3.16	17.41		
	0.70		18.17	3.52	13.25		
	1.05		12.87	3.87	9.08		
	1.41		6.43	4.22	6.05		
	1.76		*(1.83)	4.57	2.27		
2.81	0.00	1.6	22.71	4.92	*(4.78)		
	0.35		22.71	0.00	22.71		
	0.70		20.82	1.41	22.71		
	1.05		15.90	2.11	22.71		
	1.41		9.84	2.81	21.58		
	1.76		4.54	3.16	17.41		
3.16	0.00	1.7	22.71	3.52	13.25		
	0.35		22.71	3.87	9.08		
	0.70		21.96	4.22	6.05		
	1.05		18.55	4.57	2.27		
	1.41		12.87	4.92	*(4.78)		
	1.76		10.22	5.27	*(5.34)		
	2.11		3.78	5.62	0.00		
	2.46		*(2.35)	0.00	22.71		
3.52	0.00	1.8	22.71	2.81	22.71		
	0.35		22.71	3.16	22.71		
	0.70		22.71	3.52	18.93		
	1.05		21.58	4.22	11.36		
	1.41		17.79	4.57	8.70		
	1.76		13.25	4.92	4.54		
	2.11		7.94	5.27	1.13		
	2.46		2.65	5.62	*(5.34)		
	2.81		*(2.60)	6.33	0.00		
4.22	0.00	2.0	22.71	6.68	*(6.54)		
	0.07		22.71	0.00	22.71		
	0.14		21.58	2.81	22.71		
	0.21		18.55	3.16	19.68		
	0.28		14.38	3.52	8.70		
	0.35		9.08	3.87	3.78		
	0.49		4.92	4.22	*(6.54)		
4.92	0.00	2.2	22.71	0.00	22.71		
	0.35		20.44	1.41	22.71		
	0.49		10.22	2.11	22.71		
	0.70		6.43	2.46	19.68		
	0.84		*(0.74)	2.81	15.14		
	1.05		21.96	3.16	10.98		
	1.41		14.01	3.52	7.19		
5.62	0.00	2.3	22.33	3.87	3.40		
	0.35		18.17	4.22	*(3.80)		
	0.70		9.84	4.57	0.00		
	1.05		2.65	0.00	22.71		
	1.41		*(1.30)	1.41	22.71		
	1.76		22.71	2.11	22.71		
	2.11		21.96	2.46	20.82		
6.33	0.00	2.5	22.71	2.81	17.03		
	0.35		22.71	3.16	12.49		
	0.70		18.17	3.52	8.70		
	1.05		12.87	3.87	3.78		
	1.41		6.43	4.22	*(4.26)		
	1.76		*(1.83)	4.57	0.00		
	2.11		22.71	4.92	22.71		
7.03	0.00	2.6	22.71	5.27	22.71		
	0.35		22.71	5.62	22.71		
	0.70		21.96	0.00	22.71		
	1.05		18.55	1.41	22.71		
	1.41		12.87	2.11	22.71		
	1.76		10.22	2.81	21.58		
	2.11		3.78	3.16	17.41		
8.44	0.00	2.9	22.71	3.52	13.25		
	0.35		22.71	3.87	9.08		
	0.70		21.96	4.22	6.05		
	1.05		18.55	4.57	2.27		
	1.41		12.87	4.92	*(4.78)		
	1.76		10.22	5.27	*(5.34)		
	2.11		3.78	5.62	0.00		
3.52	0.00	1.8	22.71	6.33	22.71		
	0.35		22.71	6.68	22.71		
	0.70		22.71	0.00	22.71		
	1.05		21.58	2.81	22.71		
	1.41		17.79	3.16	19.68		
	1.76		13.25	3.52	8.70		
	2.11		7.94	3.87	3.78		

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