



**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
<b>5</b>	0	<b>8.4</b>	456	<b>60</b>	0	<b>31.5</b>	1,350
	1		157		5		1,362
	2				10		850
	3				15		520
	4		*(1.4)				
<b>10</b>	0	<b>13.1</b>	560	<b>70</b>	0	<b>33.7</b>	1,430
	2		154		5		1,509
	5				10		1,261
	7				15		719
	8		*(2.4)				20
<b>15</b>	0	<b>16.1</b>	671	<b>80</b>	0	<b>34.8</b>	1,454
	5				5		1,519
	7				10		1,396
	10				15		825
	12		*(3.7)				20
<b>20</b>	0	<b>18.9</b>	756	<b>90</b>	0	<b>36.6</b>	1,486
	5		236		5		1,526
	10				10		1,481
	12				20		1,085
	15		*(5.7)				30
<b>25</b>	0	<b>21.8</b>	811	<b>100</b>	0	<b>39.3</b>	1,447
	5		429		5		1,524
	10				10		1,449
	15				20		1,009
	20		*(7.1)				30
<b>30</b>	0	<b>23.1</b>	849	<b>120</b>	0	<b>43.2</b>	1,456
	5		779		5		
	10				10		
	15				20		
	20		*(8.8)				30
<b>35</b>	0	<b>24.4</b>	853	<b>150</b>	0	<b>46.1</b>	1,465
	5		669		5		
	10		288		10		
	15				20		
	20		*(10.4)				30
<b>40</b>	0	<b>26.4</b>	897	<b>200</b>	0	<b>49.0</b>	1,474
	5		919		5		
	10		388		10		
	15				20		
	25		*(11.6)				30
<b>45</b>	0	<b>27.7</b>	947	<b>250</b>	0	<b>51.9</b>	1,483
	5		748		5		
	10		485		10		
	15				20		
	20		*(13.4)				30
<b>50</b>	0	<b>28.6</b>	1,174	<b>300</b>	0	<b>54.8</b>	1,492
	5		1,278		5		
	10		578		10		
	15				20		
	20		*(14.4)				30

**Model 2083X**

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



**Injector Performance Table**  
**Water Suction Capacity - METRIC**

Operating Pressure kg/cm <sup>2</sup>		WATER SUCTION		Operating Pressure kg/cm <sup>2</sup>		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	31.8	1,726	4.22	0.00	119	5,110
	0.07		597		0.35		5,157
	0.14				0.70		3,220
	0.21				1.05		1,969
	0.28		*(0.10)		1.41		
0.70	0.00	49.6	2,122		2.11		
	0.14		583		2.46		
	0.35				2.81		
	0.49				3.16		*(1.26)
	0.56		*(0.17)				
1.05	0.00	60.9	2541	4.92	0.00	128	5,413
	0.35				0.35		5,714
	0.49				0.70		4,774
	0.70				1.05		2,723
	0.84		*(0.26)		1.41		1,660
1.41	0.00	71.5	2,865		2.11		
	0.35		896		2.81		
	0.70				3.16		
	0.84				3.52		
	1.05		*(0.40)		3.87		*(1.47)
1.76	0.00	82.5	3,071	5.62	0.00	132	5,504
	0.35		1,625		0.35		5,750
	0.70				0.70		5,286
	1.05				1.05		3,125
	1.41		*(0.50)		1.41		2,176
2.11	0.00	87.4	3,214		2.11		
	0.35		2,950		2.81		
	0.70				3.52		
	1.05				4.22		
	1.41				4.57		*(1.70)
	1.76		*(0.62)				
2.46	0.00	92.3	3,230	6.33	0.00	138	5,625
	0.35		2,535		0.35		5,778
	0.70		1,090		0.70		5,607
	1.05				1.41		4,109
	1.41				2.11		2,415
	1.76		*(0.73)		2.81		
2.81	0.00	99.9	3,396		3.52		
	0.35		3,481		4.22		
	0.70		1,471		4.92		
	1.05				5.27		*(2.23)
	1.41						
	1.76		*(0.82)				
3.16	0.00	105	3,587	7.03	0.00	149	5,479
	0.35		2,834		0.35		5,769
	0.70		1,838		0.70		5,487
	1.05				1.41		3,821
	1.41				2.11		3,351
	1.76				2.81		
	2.11				3.52		
	2.46		*(0.94)		4.22		
3.52	0.00	108	4,447		4.92		
	0.35		4,838		5.62		*(2.33)
	0.70		2,189	0.00	5,513		
	1.05			0.35			
	1.41			0.70			
	1.76			1.41			
	2.11			2.11			
	2.46			2.81			
	2.81		*(1.01)	3.52			
		4.22					
		4.92					
		5.62					
		6.33					
		7.03	*(2.57)				

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