

# Injector Performance Table

**Water Suction Capacity • Injector Inlet Pressure 0.35-3.52 Kg/cm<sup>2</sup>**

Operating Pressure Kg/cm <sup>2</sup>		Model 283		Model 287		Model 384		Model 384X		Model 484		Model 484X	
		1/2" Threads		1/2" Threads		1/2" Threads		1/2" Threads		1/2" & 3/4" Threads		3/4" Threads	
Injector Inlet	Injector Outlet	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.
0.35	0.00	0.64	0.20	1.10	0.33	2.69	0.65	2.69	0.74	4.50	0.92	4.50	1.48
	0.07		0.13		0.16		0.55		0.66		1.05		
	0.14		0.07		0.11		0.47		0.42		0.75		
	0.21				0.08		0.32		0.06		0.46		
	0.28		(0.25)		(0.25)		(0.27)		(0.20)		(0.31)		(0.25)
0.70	0.00	0.91	0.30	1.21	0.39	3.79	0.97	3.79	1.11	6.40	1.18	6.40	1.88
	0.14		0.18		0.30		0.73		0.88		1.46		
	0.35		0.08		0.12		0.48		0.38		0.75		
	0.49				0.05		0.13		0.18		0.24		
	0.56		(0.49)		(0.54)		(0.58)		(0.46)		(0.59)		(0.53)
1.05	0.00	1.06	0.34	1.59	0.43	4.66	0.84	4.66	1.75	7.83	1.18	7.83	2.44
	0.35		0.17		0.26		0.72		0.72		1.32		
	0.49		0.11		0.18		0.53		0.52		0.99		
	0.70				0.08		0.31		0.06				
	0.84		(0.74)		(0.81)		(0.91)		(0.68)		(0.88)		(0.68)
1.41	0.00	1.21	0.37	1.93	0.44	5.37	0.82	5.37	1.87	9.01	1.14	9.01	2.49
	0.35		0.23		0.38		0.83		0.99		1.74		
	0.70		0.13		0.21		0.58		0.60		0.84		
	0.84		0.04		0.12		0.40		0.49		0.53		
	1.05		(1.06)		(1.13)		(1.16)		(0.87)		(1.20)		(0.93)
1.76	0.00	1.32	0.37	2.20	0.49	6.02	0.89	6.02	2.09	10.11	1.13	10.11	2.50
	0.35		0.30		0.44		0.90		1.09		2.03		
	0.70		0.16		0.28		0.80		0.87		1.39		
	1.05		0.04		0.15		0.42		0.47		0.63		
	1.41		(1.30)		(1.37)		(1.44)		(1.06)		(1.52)		(1.16)
2.11	0.00	1.48	0.38	2.46	0.50	6.59	0.90	6.59	2.14	11.05	1.09	11.05	2.51
	0.35		0.37		0.50		0.91		1.08		2.41		
	0.70		0.24		0.35		0.88		1.05		1.82		
	1.05		0.15		0.23		0.68		0.71		1.07		
	1.41		0.05		0.11		0.29		0.45				
1.76	(1.58)	(1.72)	(1.77)	(1.27)	(1.79)	(1.39)							
2.46	0.00	1.55	0.38	2.65	0.51	7.12	0.91	7.12	2.13	11.96	1.09	11.96	2.54
	0.35		0.38		0.50		0.91		1.10		2.48		
	0.70		0.30		0.43		0.91		1.10		2.14		
	1.05		0.21		0.32		0.87		1.10		1.53		
	1.41		0.11		0.19		0.59		0.70		0.93		
1.76	(1.83)	(1.90)	(2.01)	(1.46)	(2.07)	(1.65)							
2.81	0.00	1.63	0.38	2.84	0.51	7.61	0.89	7.61	2.14	12.76	1.08	12.76	2.57
	0.35		0.38		0.51		0.89		1.12		2.44		
	0.70		0.35		0.47		0.88		1.12		2.43		
	1.05		0.26		0.40		0.88		1.12		1.89		
	1.41		0.16		0.27		0.80		0.96		1.31		
1.76	0.08	0.17	0.47	0.72	0.41								
2.11	(2.07)	(2.18)	(2.25)	(1.60)	(2.34)	(1.84)							
3.16	0.00	1.74	0.38	3.07	0.51	8.06	0.87	8.06	2.14	13.55	1.09	13.55	2.61
	0.35		0.38		0.51		0.87		1.09		2.46		
	0.70		0.37		0.51		0.87		1.10		2.39		
	1.05		0.31		0.44		0.87		1.10		2.21		
	1.41		0.21		0.35		0.87		1.05		1.70		
1.76	0.17	0.25	0.77	0.09	1.15								
2.11	0.06	0.15	0.39										
2.46	(2.36)	(2.46)	(2.54)	(1.84)	(2.59)	(2.08)							
3.52	0.00	1.82	0.38	3.22	0.52	8.48	0.89	8.48	2.14	14.27	1.10	14.27	2.63
	0.35		0.38		0.52		0.89		1.10		2.55		
	0.70		0.38		0.52		0.89		1.12		2.47		
	1.05		0.36		0.50		0.89		1.12		2.36		
	1.41		0.30		0.37		0.86		1.12		1.86		
1.76	0.22	0.28	0.86	1.04	1.28								
2.11	0.13	0.19	0.64	0.80	0.52								
2.46	0.04	0.08	0.38										
2.81	(2.60)	(2.74)	(2.78)	(2.02)	(2.88)	(2.29)							

\*\* Numbers in parenthesis indicate the injector outlet pressure when suction stops (Zero Suction Point). \*\*

## Injector Performance Table

Water Suction Capacity • Injector Inlet Pressure 0.35-3.52 Kg/cm <sup>2</sup>													
Operating Pressure Kg/cm <sup>2</sup>		Model 584		Model 684		Model 878-2		Model 885X-2		Model 1078-2		Model 1583	
		1/2" & 3/4" Threads		3/4" Threads		1" Threads		1" Threads		1" Threads		1.5" Threads	
Injector Inlet	Injector Outlet	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.
0.35	0.00	7.91	1.84	13.25	1.73	13.82	3.97	13.47	4.92	20.74	6.40	40.6	8.57
	0.07		1.82		1.28		2.28		3.95		2.93		5.33
	0.14		1.80		0.87		1.50		2.69		1.40		3.36
	0.21		1.60		0.42		0.46		0.98				
	0.28		(0.31)		0.63		(0.30)		0.35		(0.28)		0.11
0.70	0.00	11.20	1.78	18.77	1.72	19.57	5.92	19.08	7.31	29.30	6.67	57.4	13.87
	0.14		1.78		1.72		3.91		5.73		4.78		9.07
	0.35		1.73		1.17		2.30		2.82		2.64		4.97
	0.49		0.84		0.69		1.00		1.22		1.21		2.65
	0.56		(0.63)		0.69		(0.60)		0.38		(0.61)		0.23
1.05	0.00	13.70	1.78	22.97	1.65	23.96	5.51	23.35	8.54	35.88	6.39	70.3	14.21
	0.35		1.76		1.65		3.92		5.25		5.04		10.33
	0.49		1.77		1.58		2.87		3.66		4.08		7.85
	0.70		0.88		0.81		1.49		1.21		2.16		5.46
	0.84		(0.95)		0.70		(0.91)		0.44		(0.88)		0.45
1.41	0.00	15.82	1.57	26.53	1.59	27.67	5.23	26.99	8.95	41.45	6.20	81.2	14.39
	0.35		1.57		1.59		5.08		7.40		6.02		12.96
	0.70		1.50		1.59		3.07		3.64		4.42		9.06
	0.84		1.21		1.16		2.12		2.28		3.25		8.31
	1.05		(1.27)		0.92		(1.16)		0.66		(1.16)		1.33
1.76	0.00	17.68	1.59	29.67	1.57	30.92	5.19	30.17	9.00	46.33	6.05	90.8	14.31
	0.35		1.59		1.57		5.13		8.56		6.10		14.28
	0.70		1.59		1.57		4.62		6.09		5.64		12.23
	1.05		1.31		1.54		2.86		2.42		4.30		9.34
	1.41		(1.55)		0.77		(1.48)		0.33		(1.48)		1.27
2.11	0.00	19.38	1.60	32.48	1.55	33.88	5.04	33.04	9.09	50.76	5.95	99.5	14.29
	0.35		1.60		1.55		5.00		8.88		5.96		14.28
	0.70		1.57		1.55		4.86		7.90		5.96		13.35
	1.05		1.59		1.55		4.12		4.37		5.18		10.55
	1.41		1.15		0.93		2.23		0.91		3.50		7.92
1.76	(1.90)	0.73	(1.83)	0.43	(1.84)		(1.44)	(1.83)	(1.83)				
2.46	0.00	20.93	1.61	35.09	1.56	36.56	5.01	35.69	8.98	54.84	5.93	107.4	14.30
	0.35		1.61		1.55		5.01		8.94		5.93		14.29
	0.70		1.60		1.56		4.89		8.56		5.93		14.14
	1.05		1.59		1.56		4.70		6.73		5.80		12.98
	1.41		1.38		1.57		3.30		3.42		4.68		10.40
1.76	(2.22)	1.04	(2.07)	0.82	(2.12)	1.91	(1.69)	(2.11)	(2.11)				
2.81	0.00	22.37	1.62	37.51	1.57	39.10	4.89	38.15	8.89	58.63	5.88	114.8	14.34
	0.35		1.61		1.58		4.89		8.90		5.88		14.43
	0.70		1.62		1.59		4.89		8.77		5.88		14.33
	1.05		1.61		1.58		4.89		8.08		5.88		13.91
	1.41		1.59		1.58		4.64		5.71		5.79		12.17
1.76	1.35	1.56	3.19	2.33	4.56	9.68							
2.11	(2.50)	0.95	(2.46)	0.68	(2.42)	1.78	(1.90)	(2.42)	(2.42)				
3.16	0.00	23.73	1.63	39.78	1.58	41.48	5.02	40.46	8.89	62.19	5.86	121.8	14.38
	0.35		1.64		1.58		5.02		8.81		5.86		14.40
	0.70		1.64		1.58		5.02		8.78		5.86		14.38
	1.05		1.63		1.58		5.02		8.51		5.86		14.10
	1.41		1.62		1.58		4.97		7.07		5.92		13.40
1.76	1.49	1.59	4.23	4.70	5.48	11.03							
2.11	1.22	1.30	2.79	1.46	4.18	7.13							
2.46	(2.81)	0.85	(2.64)	0.53	(2.70)	1.39	(2.18)	(2.72)	(2.72)				
3.52	0.00	25.02	1.61	41.94	1.58	43.72	4.72	42.66	8.81	65.56	5.83	128.4	14.35
	0.35		1.61		1.58		4.72		8.86		5.83		14.35
	0.70		1.61		1.58		4.72		8.86		5.83		14.28
	1.05		1.61		1.58		4.72		8.77		5.83		14.23
	1.41		1.60		1.57		4.72		8.08		5.83		14.16
1.76	1.54	1.57	4.31	6.73	5.83	12.85							
2.11	1.36	1.08	3.54	3.72	5.45	10.88							
2.46	0.99	0.58	2.31	0.82	4.06	7.61							
2.81	(3.16)	0.18	(2.95)	0.42	(2.97)	0.60	(2.53)	(3.09)	(3.09)				

\*\* Numbers in parenthesis indicate the injector outlet pressure when suction stops (Zero Suction Point). \*\*

## Injector Performance Table

**Water Suction Capacity • Injector Inlet Pressure 0.35-3.52 Kg/cm<sup>2</sup>**

Operating Pressure Kg/cm <sup>2</sup>		Model 1585X 1.5" Threads		Model 1587 1.5" Threads		Model 2081 2" Threads		Model 2083X 2" Threads		Model 3090 3" Threads		Model 4091 4" Threads	
Injector Inlet	Injector Outlet	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.
0.35	0.00	40.6	7.8	67.0	15.4	122.6	39.7	31.8	28.8	288	66.2	643	132.5
	0.07		4.7		6.5		39.7		10.0		56.8		94.6
	0.14		1.7		5.8		39.7				47.7		75.7
	0.21				3.4		13.5				28.8		53.0
	0.28		(0.25)				8.6		(0.10)				22.7
0.70	0.00	57.4	15.2	94.7	17.0	173.4	39.7	49.6	35.4	409	91.2	810	177.9
	0.14		9.8		15.7		39.7		9.7		91.2		177.9
	0.35		2.7		6.5		29.5				54.9		117.3
	0.49				3.7		9.4				25.0		49.2
	0.56		(0.46)				0.9		(0.63)		1.9		(0.17)
1.05	0.00	70.3	16.5	116.0	17.1	212.3	39.8	60.9	42.4	500	90.5	950	177.9
	0.35		10.0		11.7		39.3				90.1		177.9
	0.49		5.5		9.7		36.4				65.9		143.8
	0.70				6.2		13.4				34.8		45.4
	0.84		(0.66)				2.4		(0.94)		4.8		(0.26)
1.41	0.00	81.2	19.5	134.0	16.8	245.3	39.8	71.5	47.8	579	89.3	1030	177.9
	0.35		14.6		16.8		39.8		14.9		89.3		177.9
	0.70		7.6		11.0		29.5				73.8		170.3
	0.84		2.5		9.0		18.8				50.0		113.6
	1.05		(0.89)				5.5		(1.23)		9.6		(0.40)
1.76	0.00	90.8	20.5	149.7	16.7	274.4	39.8	82.5	51.2	647	84.8	1162	177.9
	0.35		17.4		16.7		39.8		27.1		84.8		177.9
	0.70		12.9		14.5		39.5				85.5		177.9
	1.05		3.2		9.9		25.5				58.7		124.9
	1.41		(1.08)				3.5		(1.57)		8.5		(0.50)
2.11	0.00	99.5	20.4	164.0	16.6	300.5	39.8	87.4	53.6	708	82.5	1257	177.9
	0.35		18.9		16.5		39.8		49.2		82.5		177.9
	0.70		15.8		16.9		39.8				82.5		177.9
	1.05		8.7		12.6		32.3				81.0		162.8
	1.41				10.4		21.5				36.3		87.1
1.76	(1.36)		2.1	(1.83)	3.9	(0.62)			(1.79)	15.1			
2.46	0.00	107.4	20.6	177.2	18.0	324.4	39.8	92.4	53.8	765	81.4	1363	177.9
	0.35		20.1		18.0		39.8		42.3		81.4		177.9
	0.70		18.1		18.1		39.8		18.2		79.9		177.9
	1.05		12.9		15.9		39.5				79.9		177.9
	1.41		4.2		12.1		29.0				57.2		166.5
1.76	(1.58)		9.1	(2.04)	16.1	(0.73)			(2.07)	25.0	(2.14)	90.8	
2.81	0.00	114.8	20.5	189.4	18.1	347.1	39.8	99.9	56.6	818	79.1	1446	177.9
	0.35		20.3		18.0		39.8		58.0		79.1		177.9
	0.70		19.4		17.8		39.8		24.5		79.1		177.9
	1.05		16.2		17.6		39.8				79.1		177.9
	1.41		9.2		15.4		33.0				70.0		177.9
1.76		11.4	24.9		45.0	117.3							
2.11	(1.79)		7.3	(2.33)	10.7	(0.82)			(2.29)	14.4	(2.46)	56.8	
3.16	0.00	121.8	20.6	200.9	16.4	367.9	39.8	104.8	59.8	867	79.5	1522	177.9
	0.35		20.4		16.4		39.8		47.2		79.5		177.9
	0.70		20.1		16.4		39.8		30.6		79.5		177.9
	1.05		18.1		16.2		39.8				79.5		177.9
	1.41		13.3		16.2		38.3				75.7		177.9
1.76		14.3	32.0		60.6	177.9							
2.11		9.9	21.5		36.7	151.4							
2.46	(2.02)		4.6	(2.69)	9.4	(0.94)			(2.53)		(2.74)	60.6	
3.52	0.00	128.4	20.4	211.8	16.4	388.0	39.8	108.3	74.1	916	78.0	1575	177.9
	0.35		20.1		16.4		39.8		80.6		78.0		177.9
	0.70		19.9		16.4		39.8		36.5		78.0		177.9
	1.05		18.7		16.3		39.8				78.0		177.9
	1.41		15.9		16.2		39.8				78.0		177.9
1.76		9.9	15.9		75.3	177.9							
2.11		2.9	13.0		55.6	166.5							
2.46			8.7		31.4	102.2							
2.81	(2.28)		4.7	(2.88)	7.3	(2.92)			(2.85)		(3.03)	22.7	

\*\* Numbers in parenthesis indicate the injector outlet pressure when suction stops (Zero Suction Point). \*\*

# Injector Performance Table

**Water Suction Capacity • Injector Inlet Pressure 4.22-8.44 Kg/cm<sup>2</sup>**

Operating Pressure Kg/cm <sup>2</sup>		Model 283		Model 287		Model 384		Model 384X		Model 484		Model 484X	
		1/2" Threads		1/2" Threads		1/2" Threads		1/2" Threads		1/2" & 3/4" Threads		3/4" Threads	
Injector Inlet	Injector Outlet	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.
4.22	0.00	2.04	0.38	3.48	0.52	9.31	0.87	9.31	2.17	15.63	1.12	15.63	2.68
	0.35		0.38		0.52		0.87		2.16		1.12		2.67
	0.70		0.38		0.49		0.86		2.15		1.12		2.42
	1.05		0.38		0.49		0.86		2.01		1.12		2.40
	1.41		0.36		0.49		0.85		1.53		1.12		2.37
	2.11		0.24		0.36		0.78		0.57		1.09		1.46
	2.46		0.15		0.26		0.74		0.10		0.96		0.71
	2.81		0.08		0.17		0.53				0.76		
	3.16		(3.20)		(3.30)		(3.33)		(2.49)		(3.57)		(2.70)
4.92	0.00	2.20	0.38	3.75	0.52	10.03	0.77	10.03	2.22	16.88	1.14	16.88	2.67
	0.35		0.38		0.52		0.77		2.26		1.14		2.68
	0.70		0.38		0.52		0.77		2.19		1.08		2.49
	1.05		0.38		0.52		0.77		2.08		1.08		2.35
	1.41		0.38		0.52		0.77		1.94		1.08		2.25
	2.11		0.33		0.47		0.77		1.13		1.08		1.98
	2.81		0.18		0.30		0.75		0.22		1.03		1.03
	3.16		0.12		0.22		0.69				0.85		0.57
	3.52		0.06		0.11		0.47				0.72		
3.87	(3.80)	(3.87)	(3.84)	(2.92)	(4.11)	(3.23)							
5.62	0.00	2.27	0.38	4.01	0.52	10.75	0.74	10.75	2.18	18.05	1.07	18.05	2.67
	0.35		0.38		0.52		0.74		2.16		1.07		2.65
	0.70		0.38		0.52		0.74		2.19		1.07		2.64
	1.05		0.38		0.52		0.74		2.08		1.07		2.57
	1.41		0.38		0.52		0.74		2.00		1.02		2.57
	2.11		0.38		0.51		0.74		1.66		1.03		2.51
	2.81		0.28		0.40		0.74		0.74		1.00		1.70
	3.52		0.15		0.26		0.71				0.94		0.43
	4.22				0.06		0.43				0.39		
4.57	(4.25)	(4.43)	(4.35)	(3.32)	(4.64)	(3.65)							
6.33	0.00	2.46	0.38	4.28	0.52	11.39	0.71	11.39	2.20	19.15	0.86	19.15	2.67
	0.35		0.38		0.52		0.71		2.16		0.86		2.65
	0.70		0.38		0.52		0.71		2.17		0.86		2.57
	1.41		0.38		0.52		0.71		2.08		0.86		2.57
	2.11		0.38		0.52		0.71		1.87		0.86		2.49
	2.81		0.38		0.50		0.71		1.17		0.86		2.11
	3.52		0.22		0.36		0.71		0.31		0.86		1.66
	4.22		0.10		0.22		0.69				0.84		
	4.92				0.01		0.30				0.27		
5.27	(4.78)	(4.99)	(4.99)	(3.73)	(5.20)	(4.13)							
7.03	0.00	2.61	0.38	4.50	0.49	12.00	0.69	12.00	2.12	20.17	0.84	20.17	2.68
	0.35		0.38		0.49		0.69		2.09		0.84		2.65
	0.70		0.38		0.49		0.69		2.06		0.84		2.57
	1.41		0.38		0.49		0.69		2.01		0.84		2.50
	2.11		0.38		0.49		0.69		2.00		0.84		2.57
	2.81		0.38		0.47		0.69		1.85		0.84		2.21
	3.52		0.32		0.45		0.69		0.77		0.83		1.71
	4.22		0.19		0.33		0.69				0.84		0.96
	4.92		0.08		0.19		0.66				0.81		
5.62	(5.34)	(5.55)	(5.55)	(4.15)	(5.83)	(4.60)							
8.44	0.00	2.88	0.38	5.00	0.40	13.13	0.68	13.13	2.14	22.10	0.78	22.10	2.89
	0.35		0.38		0.40		0.68		2.12		0.78		2.77
	0.70		0.38		0.40		0.68		2.09		0.78		2.73
	1.41		0.38		0.40		0.68		2.00		0.78		2.65
	2.11		0.38		0.40		0.68		1.93		0.78		2.54
	2.81		0.38		0.40		0.68		1.93		0.77		2.32
	3.52		0.35		0.38		0.68		1.59		0.77		2.02
	4.22		0.33		0.37		0.68		0.88		0.77		1.57
	4.92		0.25		0.30		0.68		0.13		0.77		1.29
5.62	0.15	0.23	0.68		0.77								
6.33	0.06	0.09	0.54		0.74								
7.03	(6.54)	(6.68)	(6.81)	(5.01)	(7.01)	(5.62)							

\*\* Numbers in parenthesis indicate the injector outlet pressure when suction stops (Zero Suction Point). \*\*

## Injector Performance Table

Water Suction Capacity • Injector Inlet Pressure 4.22-8.44 Kg/cm <sup>2</sup>																		
Operating Pressure Kg/cm <sup>2</sup>		Model 584		Model 684		Model 878-2		Model 885X-2		Model 1078-2		Model 1583						
		1/2" & 3/4" Threads		3/4" Threads		1" Threads		1" Threads		1" Threads		1.5" Threads						
Injector Inlet	Injector Outlet	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.					
<b>4.22</b>	0.00	<b>27.40</b>	1.67	<b>45.95</b>	1.59	<b>47.88</b>	4.57	<b>46.71</b>	8.88	<b>71.80</b>	5.85	<b>140.7</b>	14.49					
	0.35		1.67		1.58		4.57		8.88		5.85		14.44					
	0.70		1.67		1.60		4.57		8.89		5.85		14.45					
	1.05		1.67		1.60		4.57		8.89		5.85		14.32					
	1.41		1.65		1.59		4.57		8.74		5.85		14.37					
	2.11		1.60		1.59		4.49		6.95		5.87		13.03					
	2.46		1.50		1.59		4.00		4.62		5.79		11.50					
	2.81		1.27		0.85		2.62		2.10		4.87		9.33					
	3.16		(3.76)		0.91		(3.52)		0.45		(3.60)		1.03	(3.02)	(3.59)	2.80	(3.47)	5.18
	<b>4.92</b>		0.00		<b>29.60</b>		1.63		<b>49.62</b>		1.60		<b>51.74</b>	4.65	<b>50.45</b>	8.90	<b>77.55</b>	5.89
0.35		1.63	1.60	4.65		8.90	5.89	14.43										
0.70		1.64	1.61	4.65		8.86	5.89	14.43										
1.05		1.64	1.60	4.65		8.86	5.89	14.43										
1.41		1.63	1.61	4.65		8.87	5.89	14.43										
2.11		1.62	1.61	4.65		8.55	5.90	14.24										
2.81		1.62	1.61	4.26		5.53	5.83	12.53										
3.16		1.47	1.31	2.96		2.81	5.16	10.07										
3.52		1.06	0.67	1.94			3.44	7.85										
3.87		(4.43)	0.57	(4.10)		0.44	(4.10)	0.81		(3.59)	(4.14)	1.82		(3.99)		2.73		
<b>5.62</b>	0.00	<b>31.64</b>	1.65	<b>53.07</b>	1.61	<b>55.30</b>	4.68	<b>53.94</b>	8.82	<b>82.89</b>	5.92	<b>162.4</b>	14.61					
	0.35		1.65		1.61		4.68		8.82		5.92		14.61					
	0.70		1.65		1.61		4.68		8.88		5.92		14.61					
	1.05		1.65		1.62		4.68		8.82		5.92		14.61					
	1.41		1.66		1.62		4.68		8.88		5.92		14.61					
	2.11		1.66		1.62		4.68		8.80		5.92		14.61					
	2.81		1.66		1.62		4.65		7.83		5.98		13.91					
	3.52		1.58		1.62		3.59		3.79		5.77		11.19					
	4.22		1.08		0.99		1.63				3.34		5.88					
	4.57		(5.10)		0.50		(4.71)		0.32		(4.75)		0.50	(4.01)	(4.82)	2.08	(4.57)	0.76
<b>6.33</b>	0.00	<b>33.57</b>	1.71	<b>56.28</b>	1.63	<b>58.67</b>	4.68	<b>57.23</b>	8.92	<b>87.93</b>	5.96	<b>172.3</b>	14.47					
	0.35		1.71		1.63		4.68		8.82		5.96		14.47					
	0.70		1.71		1.62		4.68		8.92		5.96		14.47					
	1.41		1.73		1.63		4.68		8.82		5.96		14.47					
	2.11		1.72		1.63		4.68		8.85		5.96		14.47					
	2.81		1.72		1.63		4.68		8.63		6.03		14.45					
	3.52		1.72		1.63		4.42		6.52		5.95		13.74					
	4.22		1.54		1.63		3.02		2.19		5.34		11.22					
	4.92		0.84		1.62		1.15				2.50		3.10					
	5.27		(5.66)		0.33		(5.34)		0.84		(5.32)		0.05	(4.64)	(5.41)	1.30	(5.14)	
<b>7.03</b>	0.00	<b>35.39</b>	1.81	<b>59.31</b>	1.48	<b>61.85</b>	4.82	<b>60.30</b>	8.90	<b>92.69</b>	5.94	<b>181.6</b>	14.64					
	0.35		1.81		1.53		4.82		8.92		5.94		14.64					
	0.70		1.81		1.53		4.82		8.90		5.94		14.64					
	1.41		1.84		1.51		4.82		8.92		5.94		14.64					
	2.11		1.83		1.51		4.82		8.85		5.94		14.64					
	2.81		1.82		1.51		4.82		8.81		5.94		14.64					
	3.52		1.82		1.51		4.70		8.26		5.93		14.41					
	4.22		1.79		1.51		4.28		5.53		5.99		13.01					
	4.92		1.47		1.52		2.82		2.06		5.13		9.25					
	5.62		(6.33)		1.06		(5.98)		1.36		(5.94)		0.82	(5.13)	(6.05)	1.93	(5.72)	1.62
<b>8.44</b>	0.00	<b>38.76</b>	2.03	<b>64.99</b>	1.55	<b>67.71</b>	4.75	<b>66.05</b>	8.87	<b>101.6</b>	5.96							
	0.35		2.03		1.58		4.75		8.88		5.96							
	0.70		2.03		1.56		4.75		8.87		5.96							
	1.41		2.03		1.55		4.75		8.88		5.96							
	2.11		2.03		1.56		4.75		8.87		5.96							
	2.81		2.01		1.55		4.75		8.88		5.96							
	3.52		2.01		1.54		4.75		8.87		5.96							
	4.22		2.00		1.56		4.73		8.53		5.96							
	4.92		2.00		1.55		4.43		8.28		6.01							
	5.62		1.80		1.37		3.86		5.34		5.96							
6.33	1.08	1.23	2.18	1.77	5.73													
7.03	(7.52)	0.69	(7.17)	1.14	(7.14)	0.54	(5.98)	(7.17)	1.41	(6.92)								

\*\* Numbers in parenthesis indicate the injector outlet pressure when suction stops (Zero Suction Point). \*\*

# Injector Performance Table

**Water Suction Capacity • Injector Inlet Pressure 4.22-8.44 Kg/cm<sup>2</sup>**

Operating Pressure Kg/cm <sup>2</sup>		Model 1585X 1.5" Threads		Model 1587 1.5" Threads		Model 2081 2" Threads		Model 2083X 2" Threads		Model 3090 3" Threads		Model 4091 4" Threads	
Injector Inlet	Injector Outlet	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.	Motive Flow l/min.	Water Suction l/min.
4.22	0.00	140.7	20.2	232.0	17.4	425.1	39.8	119.2	85.2	1003	78.3	1741	177.9
	0.35		20.1		17.4		39.8		86.0		78.3		177.9
	0.70		20.0		17.4		39.8		53.7		78.3		177.9
	1.05		19.4		17.4		39.8		32.8		78.3		177.9
	1.41		18.2		17.4		39.8				78.3		177.9
	2.11		11.0		17.1		37.9				78.0		177.9
	2.46		4.8		16.4		32.1				71.2		174.1
	2.81				13.4		24.0				48.1		159.0
	3.16		(2.69)		7.4		13.7		(1.26)		21.6		(3.59)
4.92	0.00	151.9	20.0	250.6	17.5	459.1	39.8	127.9	90.2	1083	77.6	1874	174.1
	0.35		20.0		17.5		39.8		95.2		77.6		174.1
	0.70		20.0		17.5		39.8		79.6		77.6		174.1
	1.05		19.7		17.5		39.8		45.4		77.6		174.1
	1.41		19.0		17.5		39.8		27.7		77.6		174.1
	2.11		16.4		17.3		39.8				77.6		174.1
	2.81		4.3		16.6		33.4				76.1		174.1
	3.16				13.2		27.8				69.3		174.1
	3.52				9.5		20.6				45.4		117.3
3.87	(3.14)	3.7	9.0	(1.47)	25.4	(4.25)	60.6						
5.62	0.00	162.4	20.3	267.9	17.4	490.5	39.8	131.7	91.7	1158	77.6	2014	170.3
	0.35		20.3		17.4		39.8		95.8		77.6		170.3
	0.70		20.3		17.4		39.8		88.1		77.6		170.3
	1.05		20.3		17.4		39.8		52.1		77.6		170.3
	1.41		19.6		17.4		39.8		36.3		77.6		170.3
	2.11		18.1		17.4		39.8				77.6		170.3
	2.81		13.2		17.2		38.1				77.6		170.3
	3.52				14.5		31.9				73.1		170.3
	4.22				5.8		17.0				37.5		113.6
4.57	(3.59)	3.2	3.8	(1.70)	18.9	(4.89)	53.0						
6.33	0.00	172.3	19.5	284.1	17.3	520.4	39.8	138.5	93.8	1226	77.6	2154	159.0
	0.35		19.5		17.3		39.8		96.3		77.6		159.0
	0.70		19.5		17.3		39.8		93.5		77.6		159.0
	1.41		19.1		17.3		39.8		68.5		77.6		159.0
	2.11		18.7		17.3		39.8		40.3		77.6		159.0
	2.81		17.1		17.3		39.8				77.6		159.0
	3.52		6.7		17.2		38.0				77.6		151.4
	4.22				13.1		28.9				68.9		147.6
	4.92				3.9		11.3				29.5		106.0
5.27	(4.04)		3.9	(5.31)		(5.56)	53.0						
7.03	0.00	181.6	19.2	299.5	17.4	548.4	39.8	148.8	91.3	1294	77.6	2271	159.0
	0.35		19.2		17.4		39.8		96.2		77.6		159.0
	0.70		19.2		17.4		39.8		91.5		77.6		159.0
	1.41		18.9		17.4		39.8		63.7		77.6		159.0
	2.11		17.8		17.4		39.8		55.9		77.6		159.0
	2.81		17.3		17.4		39.8				77.6		159.0
	3.52		12.2		17.3		39.2				77.6		159.0
	4.22		0.9		16.8		37.5				77.2		159.0
	4.92				11.3		26.0				59.4		147.6
5.62	(4.44)	3.9	7.6	(5.84)	7.6	(2.09)	(5.98)	23.8	(6.23)	56.8			
8.44	0.00	198.9		328.1	17.0	598.0	39.8	163.5	91.9				
	0.35				17.0		39.8						
	0.70				17.0		39.8						
	1.41				17.0		39.8						
	2.11				17.0		39.8						
	2.81				17.0		39.8						
	3.52				17.0		39.8						
	4.22				17.0		38.6						
	4.92				17.0		37.5						
5.62		14.3	33.0										
6.33		6.7	19.5										
7.03	(5.29)			(6.88)		(7.09)		(2.57)					

\*\* Numbers in parenthesis indicate the injector outlet pressure when suction stops (Zero Suction Point). \*\*

# Injector Performance Table

**Air Suction Capacity • Injector Inlet Pressure 0.35-3.52 Kg/cm<sup>2</sup>**

Operating Pressure Kg/cm <sup>2</sup>		Model 287		Model 384		Model 484		Model 484X		Model 584		Model 684	
		1/2" Threads		1/2" Threads		1/2" & 3/4" Threads		3/4" Threads		1/2" & 3/4" Threads		3/4" Threads	
Injector Inlet	Injector Outlet	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.
0.35	0.00	1.10	0.24	2.54	0.28	4.31	2.61	4.31	3.70	7.57	4.16	12.72	4.29
	0.07		0.09				0.94		1.30		1.54		2.70
	0.14						0.17		0.32		0.60		1.45
	0.21						0.06		0.23		0.34		0.48
	0.28		(0.25)				0.03		(0.25)		0.15		(0.30)
0.70	0.00	1.17	0.47	3.60	1.67	6.13	4.55	6.13	6.19	10.71	6.90	17.98	6.26
	0.14		0.24				1.46		1.85		2.79		4.42
	0.35						0.34		0.54		0.81		1.71
	0.49						0.16		0.18		0.36		0.71
	0.56		(0.54)				0.06		(0.53)		0.24		(0.60)
1.05	0.00	1.55	0.94	4.39	3.13	7.49	5.96	7.49	8.37	13.13	8.22	22.03	7.31
	0.35		0.24				1.09		1.32		2.18		3.40
	0.49						0.62		0.72		1.28		2.09
	0.70						0.29				0.46		1.01
	0.84		(0.81)						(0.88)		0.23		(0.91)
1.41	0.00	1.89	1.42	5.07	4.18	8.67	6.94	8.67	10.14	15.18	9.70	25.44	11.14
	0.35		0.24				2.24		2.55		3.88		7.09
	0.70						0.60		0.70		1.37		2.69
	0.84						0.40		0.47		0.83		1.81
	1.05		(1.13)				0.22		(0.93)		0.42		(1.16)
1.76	0.00	2.16	1.65	5.64	4.51	9.69	7.44	9.69	11.71	16.96	10.94	28.43	13.02
	0.35		0.24				2.88		4.00		5.00		9.29
	0.70						0.97		0.98		2.27		3.90
	1.05						0.34		0.61		0.94		1.76
	1.41		(1.37)				0.17		(1.16)		0.35		(1.48)
2.11	0.00	2.38	1.65	6.21	4.72	10.60	7.83	10.60	12.95	18.58	12.32	31.15	14.37
	0.35		0.24				4.28		4.94		6.44		11.19
	0.70						1.84		1.58		3.20		5.62
	1.05						0.80		0.88		1.56		2.83
	1.41		(1.72)				0.32		(1.39)		0.87		(1.83)
2.46	0.00	2.61	1.89	6.70	4.90	11.43	8.28	11.43	14.44	20.06	13.42	33.65	15.60
	0.35		0.24				5.59		6.73		8.76		12.24
	0.70						2.58		2.25		4.42		7.73
	1.05						0.48		1.12		2.49		4.18
	1.41		(1.90)				0.27		(1.65)		1.32		(2.07)
2.81	0.00	2.80	2.12	7.15	5.05	12.23	8.58	12.23	15.55	21.46	14.52	35.96	16.56
	0.35		0.47				5.99		8.01		9.20		12.84
	0.70		0.24				3.53		3.46		5.15		9.91
	1.05						1.72		1.51		3.28		5.56
	1.41		(2.18)				0.37		(1.84)		1.13		(2.46)
3.16	0.00	2.99	2.12	7.61	5.48	12.98	9.10	12.98	15.58	22.75	14.92	38.15	17.45
	0.35		0.94				6.47		9.41		10.17		14.12
	0.70		0.24				3.96		4.24		5.99		11.15
	1.05						2.11		1.98		4.44		7.30
	1.41		(2.46)				0.49		(2.08)		1.21		(2.64)
3.52	0.00	3.14	2.12	7.99	5.91	13.66	9.81	13.66	16.00	24.00	15.65	40.20	19.84
	0.35		1.18				7.22		11.11		10.67		15.58
	0.70		0.24				4.27		5.50		7.59		13.43
	1.05						2.41		2.56		4.86		9.22
	1.41		(2.74)				0.60		(2.88)		1.60		(2.95)
	1.76		0.43		1.30		1.16		1.68		2.37		3.79
	2.11				0.68		0.95		1.07		1.68		2.80
	2.46				0.41				0.64		1.07		1.78
	2.81				0.20						0.64		0.98

\*\* Numbers in parenthesis indicate the injector outlet pressure when suction stops (Zero Suction Point). \*\*



# Injector Performance Table

**Air Suction Capacity • Injector Inlet Pressure 0.35-3.52 Kg/cm<sup>2</sup>**

Operating Pressure Kg/cm <sup>2</sup>		Model 784 3/4" Threads		Model 878-2 1" Threads		Model 885X-2 1" Threads		Model 978-2 1" Threads		Model 1078-2 1" Threads		Model 1583 1.5" Threads	
Injector Inlet	Injector Outlet	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.
0.35	0.00	16.31	5.54	13.25	7.07	12.94	8.67	15.37	8.76	19.87	11.49	38.9	18.64
	0.07		4.66		2.56		4.29		2.43		3.02		8.09
	0.14		2.26		0.73		0.70		0.86		1.29		1.87
	0.21		1.02		0.19				0.43		0.71		0.98
	0.28		(0.32)		0.47		(0.28)		(0.28)		0.19		(0.28)
0.70	0.00	23.09	9.15	18.74	16.02	18.28	12.71	21.76	14.15	28.08	18.95	55.0	40.27
	0.14		7.40		4.05		7.18		5.29		7.64		12.24
	0.35		2.70		1.35		0.87		1.47		1.96		3.93
	0.49		0.95		0.42				0.61		0.74		1.98
	0.56		(0.63)		0.44		(0.61)		(0.53)		0.40		(0.57)
1.05	0.00	28.27	13.64	22.94	17.02	22.41	18.12	26.65	17.93	34.41	22.94	67.4	54.23
	0.35		7.80		3.52		3.74		4.18		6.19		10.26
	0.49		4.15		1.81		1.62		2.66		3.71		6.57
	0.70		1.95		0.35				1.17		1.60		2.95
	0.84		(0.91)		0.91		(0.88)		(0.77)		0.61		(0.92)
1.41	0.00	32.66	15.95	26.50	20.91	25.85	22.25	30.77	20.83	39.74	25.96	77.8	62.86
	0.35		10.05		5.94		6.41		6.89		10.46		16.82
	0.70		3.81		2.05		1.71		2.87		4.05		7.01
	0.84		2.35		1.29				1.91		2.67		4.44
	1.05		(1.23)		1.15		(1.16)		(0.98)		1.01		(1.22)
1.76	0.00	36.53	18.92	29.64	21.14	28.92	27.00	34.41	22.68	44.44	28.76	87.0	65.83
	0.35		13.76		8.23		13.19		8.83		15.72		23.03
	0.70		6.62		3.21		3.38		4.10		6.77		11.10
	1.05		1.58		1.62		1.33		2.19		3.55		5.58
	1.41		(1.57)		0.58		(1.48)		(1.20)		0.82		(1.54)
2.11	0.00	40.01	22.77	32.48	24.10	31.68	31.59	37.66	23.50	48.68	33.33	95.3	74.72
	0.35		15.37		12.33		21.85		12.57		21.92		26.75
	0.70		9.60		5.38		5.82		5.96		9.68		14.57
	1.05		4.54		3.02		2.63		3.40		5.30		7.71
	1.41		2.00		1.41		0.99		1.81		2.89		4.22
1.76	(1.86)	0.99	(1.84)	(1.44)	0.69	(1.83)	(1.83)						
2.46	0.00	43.19	21.93	35.05	24.50	34.22	41.28	40.69	22.76	52.57	34.94	103.0	76.19
	0.35		17.98		16.22		12.97		13.77		24.97		32.27
	0.70		14.06		6.65		7.57		7.68		11.67		17.11
	1.05		7.19		4.10		3.76		5.20		6.46		10.40
	1.41		3.89		2.26		2.05		3.24		4.27		6.40
1.76	(2.18)	1.93	(2.12)	(1.69)	1.56	(2.13)	(2.11)						
2.81	0.00	46.18	25.00	37.47	26.36	36.56	38.17	43.49	24.57	56.21	37.70	110.1	81.86
	0.35		21.18		19.19		18.52		18.27		27.35		37.39
	0.70		16.93		8.31		10.06		9.57		14.84		20.50
	1.05		9.67		5.51		5.32		6.23		8.93		13.42
	1.41		5.43		3.15		3.25		4.08		6.17		8.91
1.76	3.35	2.29	2.13	2.61	3.81	5.79							
2.11	(2.39)	1.50	(2.42)	(1.90)	1.57	(2.41)	(2.42)						
3.16	0.00	48.98	26.66	39.74	31.59	38.80	36.43	46.14	25.90	59.61	40.57	116.8	91.74
	0.35		22.74		19.91		22.99		20.07		29.66		46.01
	0.70		18.20		9.81		12.85		11.08		18.11		24.20
	1.05		13.73		6.04		6.94		7.64		10.99		16.04
	1.41		7.06		4.24		4.32		5.27		7.45		11.07
1.76	4.49	2.44	3.08	3.43	5.34	7.67							
2.11	2.85	1.97	1.67	2.29	3.33	6.13							
2.46	(2.67)	1.21	(2.70)	(2.18)	1.34	(2.72)	(2.72)						
3.52	0.00	51.63	27.45	41.90	30.64	40.88	39.59	48.64	28.87	62.83	41.41	123.1	92.10
	0.35		24.53		23.02		23.43		22.82		31.36		51.66
	0.70		20.34		11.26		15.22		12.75		19.99		27.89
	1.05		16.88		7.64		8.39		9.12		12.13		19.56
	1.41		9.61		4.90		5.33		6.49		7.64		13.32
1.76	6.44	3.96	3.58	4.73	6.02	8.93							
2.11	4.38	2.19	2.30	3.22	4.10	6.59							
2.46	2.84	2.07		2.17	2.50	4.63							
2.81	(3.01)	1.32	(2.97)	(2.53)	1.19	(3.09)	(2.95)						

\*\* Numbers in parenthesis indicate the injector outlet pressure when suction stops (Zero Suction Point). \*\*



# Injector Performance Table

**Air Suction Capacity • Injector Inlet Pressure 0.35-3.52 Kg/cm<sup>2</sup>**

Operating Pressure Kg/cm <sup>2</sup>		Model 1584		Model 1585X		Model 1587		Model 2081		Model 3090		Model 4091	
		1.5" Threads		1.5" Threads		1.5" Threads		2" Threads		3" Threads		4" Threads	
Injector Inlet	Injector Outlet	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.
0.35	0.00	68.3	22.18	38.9	26.62	64.2	31.12	117.8	84.37	276	(0.28)	496	566.4
	0.07		18.88		5.67		10.32		86.44				543.5
	0.14		15.01		3.27		7.40		57.74				493.6
	0.21		9.71				4.11		56.61				444.1
	0.28		5.04										291.7
0.70	0.00	96.6	46.26	55.0	30.67	90.8	60.30	166.6	203.90	390	(0.60)	704	863.8
	0.14		34.18		9.46		28.85		166.14				616.0
	0.35		17.51		5.52		10.24		87.57				446.0
	0.49		9.71				4.60		56.61				409.8
	0.56		5.98				2.38						341.8
1.05	0.00	118.3	67.97	67.4	55.35	111.2	72.60	204.0	237.75	481	(0.91)	859	1111.6
	0.35		33.86		8.85		20.13		185.71				613.7
	0.49		21.58		5.52		12.64		86.06				527.6
	0.70		11.27		0.10		6.48		73.98				301.3
	0.84		4.42				4.28						183.4
1.41	0.00	136.6	80.24	77.8	61.73	128.4	81.69	235.6	383.74	553	(1.20)	995	1073.0
	0.35		48.21		14.69		30.33		215.90				742.8
	0.70		19.39		6.01		12.06		121.53				380.3
	0.84		14.70		3.03		8.87		90.60				330.8
	1.05		5.98				5.67						251.3
1.76	0.00	152.7	87.32	87.0	68.65	143.5	92.31	263.4	387.13	621	(1.51)	1113	1127.7
	0.35		60.86		22.94		42.98		297.55				798.1
	0.70		31.02		9.58		20.51		143.43				550.3
	1.05		15.64		3.81		9.01		125.68				299.1
	1.41		5.67				4.63						224.2
2.11	0.00	167.3	91.57	95.3	79.89	157.2	108.79	288.5	398.46	678	(1.83)	1219	1210.4
	0.35		72.10		28.71		54.08		313.79				842.2
	0.70		46.92		12.13		25.87		178.90				597.8
	1.05		25.66		6.98		14.17		163.43				434.7
	1.41		13.45		0.10		8.25		76.25				296.8
2.46	0.00	180.7	97.23	103.0	82.87	169.8	108.89	311.7	452.84	734	(2.14)	1313	1295.9
	0.35		81.87		36.90		67.80		396.48				1063.7
	0.70		58.25		16.15		33.45		241.55				847.3
	1.05		34.18		9.72		19.65		199.87				568.4
	1.41		18.77		4.97		12.76		126.82				371.6
2.81	0.00	193.1	100.06	110.1	83.57	181.6	120.36	333.2	468.70	783	(2.46)	1404	1349.2
	0.35		89.07		41.27		89.55		441.51				1143.6
	0.70		69.77		21.38		40.98		260.43				894.3
	1.05		46.60		11.76		24.75		219.65				618.2
	1.41		28.18		7.87		17.09		160.77				439.2
3.16	0.00	204.8	104.78	116.8	108.50	192.6	126.18	353.4	482.29	829	(2.78)	1491	1469.8
	0.35		93.23		49.75		98.12		466.43				1236.5
	0.70		74.44		24.15		43.03		308.12				1050.7
	1.05		52.40		15.36		27.79		224.18				761.0
	1.41		34.81		10.20		18.85		165.30				561.6
3.52	0.00	215.9	106.67	123.1	96.15	203.0	127.12	372.5	489.09	874	(2.99)	1571	1482.3
	0.35		98.13		61.16		104.80		481.44				1387.7
	0.70		82.89		26.76		52.63		400.73				1231.9
	1.05		62.83		18.00		33.35		328.51				874.0
	1.41		45.64		12.95		24.42		203.90				629.6
3.52	1.76	(2.99)	32.28	(2.28)	8.29	(2.88)	17.65	(2.92)	124.58	(2.85)	(3.03)		504.9
	2.11		22.21		3.01		10.74		97.39				389.4
	2.46		15.02				9.27		65.67				285.5
	2.81		8.78				6.80		47.55				212.4

\*\* Numbers in parenthesis indicate the injector outlet pressure when suction stops (Zero Suction Point). \*\*

# Injector Performance Table

**Air Suction Capacity • Injector Inlet Pressure 4.22-8.44 Kg/cm<sup>2</sup>**

Operating Pressure Kg/cm <sup>2</sup>		Model 287 1/2" Threads		Model 384 1/2" Threads		Model 484 1/2" & 3/4" Threads		Model 484X 3/4" Threads		Model 584 1/2" & 3/4" Threads		Model 684 3/4" Threads			
Injector Inlet	Injector Outlet	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.		
4.22	0.00	3.44	2.83	8.78	14.99	14.99	9.53	14.99	17.29	26.27	26.27	44.06	20.20		
	0.35		0.50				3.76		8.04				14.32	12.61	16.52
	0.70		2.07				5.56		7.73				9.95	14.88	
	1.05		1.33				3.61		4.81				6.44	13.02	
	1.41		0.86				2.42		2.49				4.74	8.12	
	2.11		0.46				1.17		1.31				2.70	4.43	
	2.46		0.27				0.77		1.01				2.05	3.21	
	2.81						0.60						1.35	2.49	
	3.16		(3.30)				(3.33)		(3.57)				(2.70)	(3.76)	(3.52)
4.92	0.00	3.71	3.30	9.46	16.20	16.20	9.78	16.20	18.74	28.39	28.39	47.58	20.26		
	0.35		0.70				6.84		8.75				14.92	13.60	18.69
	0.70		2.62				4.54		6.89				9.89	11.14	16.60
	1.05		1.73				2.62		4.79				7.17	8.12	14.86
	1.41		1.14				1.14		3.32				3.58	6.05	12.79
	2.11		0.63				0.63		1.86				1.76	3.82	6.44
	2.81		0.41				0.41		1.06				1.14	2.21	3.85
	3.16								0.77				0.85	1.81	2.81
	3.52								0.49					1.28	2.11
3.87	(3.87)	(3.84)	(4.11)	(3.23)	(4.43)	(4.10)	1.34								
5.62	0.00	3.97	3.30	10.11	17.30	17.30	10.10	17.30	19.02	30.32	30.32	50.87	20.26		
	0.35		0.50				7.53		9.45				18.05	14.67	19.76
	0.70		3.16				5.32		7.57				13.61	12.40	17.31
	1.05		2.25				2.25		5.57				8.64	10.36	16.28
	1.41		1.57				1.57		4.03				4.75	7.56	15.19
	2.11		0.88				0.88		2.40				2.40	4.93	8.05
	2.81		0.58				0.58		1.42				1.49	3.36	5.16
	3.52		0.41				0.41		0.79				1.01	2.20	3.13
	4.22								0.44					1.27	2.04
4.57	(4.43)	(4.35)	(4.64)	(3.65)	(5.10)	(4.71)	1.45								
6.33	0.00	4.20	3.30	10.75	18.36	18.36	10.36	18.36	20.12	32.17	32.17	53.94	20.37		
	0.35		0.50				8.12		9.62				18.76	15.47	20.00
	0.70		3.70				6.08		8.33				15.54	13.64	18.62
	1.41		1.95				1.95		4.84				7.55	9.34	16.23
	2.11		1.09				1.09		2.93				3.40	6.12	11.67
	2.81		0.73				0.73		2.06				2.14	4.17	7.00
	3.52		0.52				0.52		1.29				1.39	2.77	4.79
	4.22		0.39				0.39		0.75					1.83	3.38
	4.92								0.42					1.08	1.99
5.27	(4.99)	(4.99)	(5.20)	(4.13)	(5.66)	(5.34)	1.41								
7.03	0.00	4.43	3.30	11.32	19.34	19.34	10.38	19.34	20.96	33.91	33.91	56.85	20.60		
	0.35		0.50				8.43		9.88				20.15	16.64	20.39
	0.70		4.22				6.57		8.94				17.28	14.35	19.86
	1.41		2.23				2.23		5.77				8.85	10.92	18.03
	2.11		1.29				1.29		3.60				4.88	6.81	15.58
	2.81		0.92				0.92		2.60				2.86	5.20	8.53
	3.52		0.67				0.67		1.67				1.88	3.63	6.19
	4.22		0.51				0.51		1.01				1.29	2.48	4.49
	4.92		0.37				0.37							1.60	3.14
5.62	(5.55)	(5.55)	(5.83)	(4.60)	(6.33)	(5.98)	1.86								
8.44	0.00	4.84	3.30	12.38	21.20	21.20	10.79	21.20	23.01	37.17	37.17	62.30	20.70		
	0.35						7.25		10.36				22.20	18.17	20.41
	0.70						5.28		9.92				20.15	15.82	20.10
	1.41						2.90		7.27				12.33	13.00	18.82
	2.11						1.80		5.08				7.08	8.76	18.16
	2.81						1.27		3.69				3.99	6.59	12.88
	3.52						0.96		2.79				2.66	5.10	8.55
	4.22						0.72		1.98				1.98	3.61	6.48
	4.92						0.58		1.35				1.43	2.94	5.14
5.62		0.48	0.96		2.07	3.91									
6.33					1.48	2.80									
7.03	(6.68)	(6.81)	(7.01)	(5.62)	(7.52)	(7.17)	1.77								

\*\* Numbers in parenthesis indicate the injector outlet pressure when suction stops (Zero Suction Point). \*\*

# Injector Performance Table

## Air Suction Capacity • Injector Inlet Pressure 4.22-8.44 Kg/cm<sup>2</sup>

Operating Pressure Kg/cm <sup>2</sup>		Model 784 3/4" Threads		Model 878-2 1" Threads		Model 885X-2 1" Threads		Model 978-2 1" Threads		Model 1078-2 1" Threads		Model 1583 1.5" Threads						
Injector Inlet	Injector Outlet	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.					
4.22	0.00	56.55	28.03	45.91	33.70	44.78	56.90	53.29	34.50	68.81	43.20	134.8	101.10					
	0.35		27.12											25.92	27.51	26.91	36.04	70.92
	0.70		23.34											15.80	21.31	17.61	27.17	35.67
	1.05		20.82											9.56	10.86	11.66	16.30	24.82
	1.41		16.54											6.93	7.73	8.58	11.52	18.69
	2.11		7.33											3.69	4.13	5.06	6.62	9.81
	2.46		4.91											2.74	3.10	3.74	4.89	7.96
	2.81		3.82											2.06	1.42	2.68	3.45	5.63
	3.16		(3.52)											2.31	(3.60)	1.14	(3.02)	(3.62)
4.92	0.00	61.09	28.32	49.58	36.39	48.37	63.98	57.53	34.77	74.34	47.43	145.6	113.96					
	0.35		28.23											28.37	29.98	29.63	38.60	89.22
	0.70		25.82											19.21	21.87	23.30	31.86	47.36
	1.05		23.45											12.06	14.12	15.11	21.86	31.71
	1.41		21.88											9.03	10.66	10.84	15.03	22.52
	2.11		10.53											5.33	6.07	7.07	9.28	12.96
	2.81		6.37											3.21	3.62	4.35	5.89	8.52
	3.16		4.63											2.38	2.55	3.26	4.14	5.93
	3.52		3.57											1.95		2.26	3.32	5.68
3.87	(4.10)	1.98	(4.10)	1.04	(3.59)	(4.22)	(4.14)	2.14	(3.99)	5.23								
5.62	0.00	65.33	28.80	53.03	38.34	51.74	72.98	61.51	36.05	79.49	49.85	155.7	117.76					
	0.35		28.38											30.68	28.87	31.80	42.30	93.53
	0.70		27.39											23.56	26.06	26.39	35.34	51.17
	1.05		25.54											14.63	16.19	18.00	27.27	34.21
	1.41		24.39											10.95	13.55	13.15	18.65	27.79
	2.11		16.12											6.66	7.67	8.99	11.66	17.72
	2.81		8.68											4.28	4.79	5.49	8.04	11.25
	3.52		5.54											2.75	2.95	3.52	4.81	7.11
	4.22		2.96											1.80		1.93	2.98	5.85
4.57	(4.71)	1.68	(4.75)	1.11	(4.01)	(4.75)	(4.82)	2.15	(4.57)	4.19								
6.33	0.00	69.27	29.26	56.25	40.28	54.84	79.36	65.25	41.49	84.29	53.22	165.1	123.97					
	0.35		29.27											32.86	32.26	32.95	45.45	98.36
	0.70		29.14											26.65	29.10	28.87	38.59	65.86
	1.41		26.55											12.74	16.54	15.66	23.08	33.69
	2.11		22.77											8.19	9.34	10.69	13.90	22.35
	2.81		11.94											5.73	6.17	7.56	9.84	14.87
	3.52		7.77											3.74	4.16	4.68	7.04	10.35
	4.22		5.21											2.43	2.19	3.42	4.33	6.09
	4.92		2.71											1.61		2.10	2.78	3.38
5.27	(5.34)	1.72	(5.32)	1.00	(4.64)	(5.37)	(5.41)	2.01	(5.14)	0.00								
7.03	0.00	73.01	29.29	59.27	41.86	57.83	87.30	68.77	42.91	88.83	55.07	174.0	131.72					
	0.35		29.67											34.20	34.67	35.94	48.64	109.09
	0.70		29.05											29.66	30.76	31.80	41.44	78.59
	1.41		27.53											14.62	20.10	18.44	29.67	38.14
	2.11		24.85											9.59	11.38	13.08	17.54	26.05
	2.81		16.87											6.87	7.52	9.09	12.17	18.11
	3.52		9.85											4.76	5.36	6.29	8.53	12.58
	4.22		6.88											3.43	3.70	4.60	5.97	9.09
	4.92		4.55											2.41		3.29	3.96	8.22
5.62	(5.98)	2.34	(5.94)	1.38	(5.13)	(5.98)	(6.05)	2.63	(5.72)	6.31								
8.44	0.00	79.98	29.92	64.91	46.31	63.36	98.89	75.36	44.34	97.31	58.85	190.7	139.70					
	0.35		30.00											38.25	37.67	38.60	52.36	117.30
	0.70		29.83											33.44	34.58	33.87	46.23	102.04
	1.41		29.56											19.78	24.92	22.83	36.72	50.57
	2.11		27.04											12.36	13.48	15.79	22.18	33.56
	2.81		26.00											9.07	10.12	11.31	15.86	25.17
	3.52		16.28											6.87	7.97	7.58	11.82	18.73
	4.22		10.67											5.12	5.49	6.33	9.06	13.84
	4.92		7.88											3.72	4.68	4.75	6.69	9.71
5.62	5.59	2.71	1.82	3.68	4.86	9.38												
6.33	3.46	2.18		2.63	3.18	7.61												
7.03	(7.17)	1.20	(7.14)	1.20	(5.98)	(7.24)	(7.17)	2.45	(6.92)									

\*\* Numbers in parenthesis indicate the injector outlet pressure when suction stops (Zero Suction Point). \*\*

# Injector Performance Table

## Air Suction Capacity • Injector Inlet Pressure 4.22-8.44 Kg/cm<sup>2</sup>

Operating Pressure Kg/cm <sup>2</sup>		Model 1584		Model 1585X		Model 1587		Model 2081		Model 3090		Model 4091	
		1.5" Threads		1.5" Threads		1.5" Threads		2" Threads		3" Threads		4" Threads	
Injector Inlet	Injector Outlet	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.	Motive Flow l/min.	Air Suction l/min.
4.22	0.00	236.6	112.34	134.8	109.79	222.4	144.75	408.0	557.05	958	807.1	1722	1852.1
	0.35		103.44		85.96		118.34		514.48		736.3		1784.2
	0.70		90.10		36.72		76.43		452.84		611.7		1621.3
	1.05		74.44		24.37		45.35		344.56		439.0		1387.7
	1.41		56.94		16.83		33.88		237.75		297.4		1086.9
	2.11		32.28		8.78		19.09		163.07		195.4		668.1
	2.46		25.03		4.80		15.10		110.96		147.3		502.7
	2.81		17.51				11.01		85.50		104.8		339.8
	3.16		(3.62)		12.21		(2.69)		(3.51)		10.33		(3.52)
4.92	0.00	255.5	115.17	145.6	123.33	440.7	588.77	1037	855.3	1722	1852.1	1722	1852.1
	0.35		109.54		100.84		548.46		807.1		1784.2		
	0.70		98.13		42.64		477.76		716.5		1621.3		
	1.05		84.60		28.30		381.38		594.7		1387.7		
	1.41		71.10		21.95		289.81		388.0		1086.9		
	2.11		43.40		12.70		192.58		271.9		668.1		
	2.81		26.61		5.80		119.89		152.9		502.7		
	3.16		20.33				86.06		118.9		339.8		
	3.52		15.64				77.00		93.5		242.3		
3.87	(4.22)	10.02	(3.14)	(4.01)	(4.11)	(4.11)	63.41	(4.11)	42.5				
5.62	0.00	273.1	117.06	155.7	130.44	471.2	605.76	1109	934.6	1722	1852.1	1722	1852.1
	0.35		113.18		110.29		595.19		877.9		1784.2		
	0.70		105.23		56.71		518.26		764.6		1621.3		
	1.05		94.27		37.45		400.73		637.2		1387.7		
	1.41		82.21		27.86		317.18		523.9		1086.9		
	2.11		55.32		16.28		244.57		328.5		668.1		
	2.81		37.66		10.49		138.14		235.1		502.7		
	3.52		23.15		0.70		124.55		121.8		339.8		
	4.22		13.14				89.46		31.2		242.3		
4.57	(4.78)	8.47	(3.59)	(4.64)	(4.68)	(4.75)	75.81	(4.75)	5.7				
6.33	0.00	289.7	118.00	165.1	137.62	499.7	614.83	1173	991.2	1722	1852.1	1722	1852.1
	0.35		116.47		110.70		608.88		962.9		1784.2		
	0.70		110.63		65.29		511.18		906.2		1621.3		
	1.41		91.49		31.09		369.01		625.9		1387.7		
	2.11		67.12		19.79		301.32		376.7		1086.9		
	2.81		46.28		13.06		185.72		297.4		668.1		
	3.52		32.28		6.24		160.77		215.2		502.7		
	4.22		21.90				142.70		141.6		339.8		
	4.92		12.52				104.13		70.8		242.3		
5.27	(5.41)	8.47	(4.04)	(5.20)	(5.31)	(5.38)	82.67	(5.38)	22.7				
7.03	0.00	305.4	118.94	174.0	150.19	526.8	619.36	1238	934.6	1722	1852.1	1722	1852.1
	0.35		119.06		118.34		613.60		877.9		1784.2		
	0.70		115.74		89.02		547.99		628.7		1621.3		
	1.41		98.48		36.28		443.77		574.9		1387.7		
	2.11		79.50		24.33		353.15		356.8		1086.9		
	2.81		57.59		15.85		271.76		280.4		668.1		
	3.52		42.12		10.30		206.06		203.9		502.7		
	4.22		29.12		3.38		135.88		147.3		339.8		
	4.92		20.02				110.96		104.8		242.3		
5.62	(6.05)	11.90	(4.44)	(5.76)	(5.84)	(5.98)	77.00	(5.98)	42.5				
8.44	0.00	334.5	122.72	190.7	159.36	688.8		1722		1722	1852.1	1722	1852.1
	0.35		121.66		123.84						1784.2		
	0.70		120.54		110.50						1621.3		
	1.41		112.08		47.36						1387.7		
	2.11		98.48		30.67						1086.9		
	2.81		80.17		21.82						668.1		
	3.52		61.52		16.76						502.7		
	4.22		46.60		10.50						339.8		
	4.92		35.76		3.94						242.3		
5.62	25.98												
6.33	17.51												
7.03	(7.24)	10.34	(5.29)	(6.88)									

\*\* Numbers in parenthesis indicate the injector outlet pressure when suction stops (Zero Suction Point). \*\*