

Injector Performance Table

Water Suction Capacity • Injector Inlet Pressure 0.35-3.52 Kg/cm²

Operating Pressure Kg/cm ²		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		0.25		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		0.86		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		0.74		0.72		1.32
	0.49		0.11		0.18		0.53		0.26		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		1.08		0.99		1.74
	0.70		0.13		0.21		0.58		0.19		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		1.41		1.09		2.03
	0.70		0.16		0.28		0.80		0.71		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		1.56		1.08		2.41
	0.70		0.24		0.35		0.88		1.09		1.05		1.82
	1.05		0.15		0.23		0.68		0.44		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		1.83		1.10		2.48
	0.70		0.30		0.43		0.91		1.21		1.10		2.14
	1.05		0.21		0.32		0.87		0.68		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		1.99		1.12		2.44
	0.70		0.35		0.47		0.88		1.52		1.12		2.43
	1.05		0.26		0.40		0.88		0.90		1.12		1.89
	1.41		0.16		0.27		0.80		0.22		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		2.00		1.09		2.46
	0.70		0.37		0.51		0.87		1.94		1.10		2.39
	1.05		0.31		0.44		0.87		1.20		1.10		2.21
	1.41		0.21		0.35		0.87		0.70		1.05		1.70
1.76	0.17	0.25	0.77	0.09	0.87	1.15							
2.11	0.06	0.15	0.39		0.65								
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		2.07		1.10		2.55
	0.70		0.38		0.52		0.89		2.00		1.12		2.47
	1.05		0.36		0.50		0.89		1.60		1.12		2.36
	1.41		0.30		0.37		0.86		0.96		1.12		1.86
1.76	0.22	0.28	0.86	0.42	1.04	1.28							
2.11	0.13	0.19	0.64		0.80	0.52							
2.46	0.04	0.08	0.38		0.49								
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 ²													
Operating Pressure Kg/cm ²		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		4.42		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)	1.15	
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)		(2.07)	5.62	
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)		(2.35)	5.14	
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)		(2.64)	2.97	
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)		(2.95)	2.55	

** 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 ²													
Operating Pressure Kg/cm ²		Model 1585X		Model 1587		Model 2081		Model 2083X		Model 3090		Model 4091	
		1.5" Threads		1.5" Threads		2" Threads		2" Threads		3" Threads		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	130	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	183	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)				15.1
1.05	0.00	70.3	16.5	116.0	17.1	224	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)				22.7
1.41	0.00	81.2	19.5	134.0	16.8	259	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)				45.4
1.76	0.00	90.8	20.5	149.7	16.7	290	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)				26.5
2.11	0.00	99.5	20.4	164.0	16.6	317	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)		15.1							
2.46	0.00	107.4	20.6	177.2	18.0	343	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)		90.8							
2.81	0.00	114.8	20.5	189.4	18.1	366	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)		56.8							
3.16	0.00	121.8	20.6	200.9	16.4	389	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)		60.6							
3.52	0.00	128.4	20.4	211.8	16.4	410	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)		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 ²														
Operating Pressure Kg/cm ²		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	9.31	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)		0.04		(3.33)		0.16	(2.49)
4.92	0.00	2.20	0.38	3.75	10.03	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)	0.09	(3.23)					
5.62	0.00	2.27	0.38	4.01	10.75	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	11.39	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	12.00	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)	0.06	(4.60)					
8.44	0.00	2.88	0.38	5.00	13.13	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 ²																		
Operating Pressure Kg/cm ²		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.					
4.22	0.00	27.40	1.67	45.95	1.59	47.88	4.57	46.71	8.88	71.80	5.85	140.7	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
	4.92		0.00		29.60		1.63		49.62		1.60		51.74	4.65	50.45	8.90	77.55	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		
5.62	0.00	31.64	1.65	53.07	1.61	55.30	4.68	53.94	8.82	82.89	5.92	162.4	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
6.33	0.00	33.57	1.71	56.28	1.63	58.67	4.68	57.23	8.92	87.93	5.96	172.3	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)	
7.03	0.00	35.39	1.81	59.31	1.48	61.85	4.82	60.30	8.90	92.69	5.94	181.6	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
8.44	0.00	38.76	2.03	64.99	1.55	67.71	4.75	66.05	8.87	101.6	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		8.53		5.96							
	4.22		2.00		1.56		4.73		8.28		6.01							
	4.92		2.00		1.55		4.43		5.34		5.96							
	5.62		1.80		1.37		3.86		1.77		5.73							
6.33	1.08	1.23	2.18		3.86													
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 ²														
Operating Pressure Kg/cm ²		Model 1585X		Model 1587		Model 2081		Model 2083X		Model 3090		Model 4091		
		1.5" Threads		1.5" Threads		2" Threads		2" Threads		3" Threads		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	449	119.2	39.8	1003	85.2	1741	177.9	(2.69)	(3.51)	
	0.35		20.1				17.4		39.8		86.0			177.9
	0.70		20.0				17.4		39.8		53.7			177.9
	1.05		19.4				17.4		39.8		32.8			177.9
	1.41		18.2				17.4		39.8					177.9
	2.11		11.0				17.1		37.9					177.9
	2.46		4.8				16.4		32.1					174.1
	2.81						13.4		24.0					159.0
	3.16						7.4		13.7					106.0
4.92	0.00	151.9	20.0	250.6	485	127.9	39.8	1083	90.2	1874	174.1	(3.14)	(4.01)	
	0.35		20.0				17.5		39.8		95.2			174.1
	0.70		20.0				17.5		39.8		79.6			174.1
	1.05		19.7				17.5		39.8		45.4			174.1
	1.41		19.0				17.5		39.8		27.7			174.1
	2.11		16.4				17.3		39.8					174.1
	2.81		4.3				16.6		33.4					174.1
	3.16						13.2		27.8					174.1
	3.52						9.5		20.6					117.3
3.87		3.7	9.0		60.6									
5.62	0.00	162.4	20.3	267.9	518	131.7	39.8	1158	91.7	2014	170.3	(3.59)	(4.64)	
	0.35		20.3				17.4		39.8		95.8			170.3
	0.70		20.3				17.4		39.8		88.1			170.3
	1.05		20.3				17.4		39.8		52.1			170.3
	1.41		19.6				17.4		39.8		36.3			170.3
	2.11		18.1				17.4		39.8					170.3
	2.81		13.2				17.2		38.1					170.3
	3.52						14.5		31.9					170.3
	4.22						5.8		17.0					113.6
4.57		3.2	3.8		53.0									
6.33	0.00	172.3	19.5	284.1	550	138.5	39.8	1226	93.8	2154	159.0	(4.04)	(5.20)	
	0.35		19.5				17.3		39.8		96.3			159.0
	0.70		19.5				17.3		39.8		93.5			159.0
	1.41		19.1				17.3		39.8		68.5			159.0
	2.11		18.7				17.3		39.8		40.3			159.0
	2.81		17.1				17.3		39.8					159.0
	3.52		6.7				17.2		38.0					151.4
	4.22						13.1		28.9					147.6
	4.92						3.9		11.3					106.0
5.27					53.0									
7.03	0.00	181.6	19.2	299.5	579	148.8	39.8	1294	91.3	2271	159.0	(4.44)	(5.76)	
	0.35		19.2				17.4		39.8		96.2			159.0
	0.70		19.2				17.4		39.8		91.5			159.0
	1.41		18.9				17.4		39.8		63.7			159.0
	2.11		17.8				17.4		39.8		55.9			159.0
	2.81		17.3				17.4		39.8					159.0
	3.52		12.2				17.3		39.2					159.0
	4.22		0.9				16.8		37.5					159.0
	4.92						11.3		26.0					147.6
5.62		3.9	7.6		56.8									
8.44	0.00	198.9		328.1	598	163.5	39.8	(2.09)	91.9	(5.98)		(5.29)	(6.88)	
	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														

** 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/cm²

Operating Pressure Kg/cm ²		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		2.37		3.79		3.79
	2.11				0.68		0.95		1.68		2.80		2.80
	2.46				0.41				1.07		1.78		1.78
	2.81				0.20				0.64		0.98		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/cm²

Operating Pressure Kg/cm ²		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)	(2.07)						
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)	(2.64)						
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/cm²

Operating Pressure Kg/cm ²		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	124	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	175	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	215	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	248	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	277	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	304	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	328	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	351	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	372	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	392	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	215.9	32.28	123.1	8.29	203.0	17.65	392	124.58	874	(2.99)	1571	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				8.78		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/cm²

Operating Pressure Kg/cm ²		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.		
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				3.70		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				4.22		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/cm²

Operating Pressure Kg/cm ²		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)		(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/cm²

Operating Pressure Kg/cm ²		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	222.4	144.75	430	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)	66.24
4.92	0.00	255.5	115.17	145.6	464	588.77	1037	855.3	1037	855.3	1037	1037						
	0.35		109.54										100.84	548.46	807.1			
	0.70		98.13										42.64	477.76	716.5			
	1.05		84.60										28.30	381.38	594.7			
	1.41		71.10										21.95	289.81	388.0			
	2.11		43.40										12.70	192.58	271.9			
	2.81		26.61										5.80	119.89	152.9			
	3.16		20.33											86.06	118.9			
	3.52		15.64											77.00	93.5			
3.87	(4.22)	10.02	(3.14)	(4.01)	63.41	(4.11)	63.41	(4.11)	42.5									
5.62	0.00	273.1	117.06	155.7	496	605.76	1109	934.6	1109	934.6	1109	1109						
	0.35		113.18										110.29	595.19	877.9			
	0.70		105.23										56.71	518.26	764.6			
	1.05		94.27										37.45	400.73	637.2			
	1.41		82.21										27.86	317.18	523.9			
	2.11		55.32										16.28	244.57	328.5			
	2.81		37.66										10.49	138.14	235.1			
	3.52		23.15										0.70	124.55	121.8			
	4.22		13.14											89.46	31.2			
4.57	(4.78)	8.47	(3.59)	(4.64)	75.81	(4.68)	75.81	(4.75)	5.7									
6.33	0.00	289.7	118.00	165.1	526	614.83	1173	991.2	1173	991.2	1173	1173						
	0.35		116.47										110.70	608.88	962.9			
	0.70		110.63										65.29	511.18	906.2			
	1.41		91.49										31.09	369.01	625.9			
	2.11		67.12										19.79	301.32	376.7			
	2.81		46.28										13.06	185.72	297.4			
	3.52		32.28										6.24	160.77	215.2			
	4.22		21.90											142.70	141.6			
	4.92		12.52											104.13	70.8			
5.27	(5.41)	8.47	(4.04)	(5.20)	82.67	(5.31)	82.67	(5.38)	22.7									
7.03	0.00	305.4	118.94	174.0	555	619.36	1238	934.6	1238	934.6	1238	1238						
	0.35		119.06										118.34	613.60	877.9			
	0.70		115.74										89.02	547.99	628.7			
	1.41		98.48										36.28	443.77	574.9			
	2.11		79.50										24.33	353.15	356.8			
	2.81		57.59										15.85	271.76	280.4			
	3.52		42.12										10.30	206.06	203.9			
	4.22		29.12										3.38	135.88	147.3			
	4.92		20.02											110.96	104.8			
5.62	(6.05)	11.90	(4.44)	(5.76)	77.00	(5.84)	77.00	(5.98)	42.5									
8.44	0.00	334.5	122.72	190.7	688	159.36	123.84	110.50	47.36	30.67	21.82	16.76	10.50					
	0.35		121.66											123.84				
	0.70		120.54											110.50				
	1.41		112.08											47.36				
	2.11		98.48											30.67				
	2.81		80.17											21.82				
	3.52		61.52											16.76				
	4.22		46.60											10.50				
	4.92		35.76											3.94				
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). **