



Injector Performance Table

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

Operating Pressure Kg/cm ²		Model 283 1/2" Threads		Model 287 1/2" Threads		Model 384 1/2" Threads		Model 384X 1/2" Threads		Model 484 1/2" & 3/4" Threads		Model 484X 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		0.55		0.66		1.05
	0.14		0.07		0.11		0.47		0.25		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):

: kg/cm² **



Injector Performance Table

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

Operating Pressure Kg/cm ²		Model 584 1/2" & 3/4" Threads		Model 684 3/4" Threads		Model 878-2 1" Threads		Model 885X-2 1" Threads		Model 1078-2 1" Threads		Model 1583 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):

: kg/cm² **

TEL : (02) 862-7537~8 FAX : (02) 862-7539

TEL : (043) 215-9856~8 FAX : (043) 215-9859



Injector Performance Table

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

Operating Pressure Kg/cm ²		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	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)		(0.29)		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)		(0.61)		0.9		(0.17)				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)		(0.95)		2.4		(0.26)				18.9
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)		(1.20)		5.5		(1.23)		9.6		(0.40)
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)		(1.55)		3.5		(1.57)		8.5		(0.50)
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)	(1.80)	2.1	(1.83)	3.9	(0.62)		(1.79)		(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)	(2.04)	9.1	(2.14)	16.1	(0.73)		(2.07)	25.0	(2.14)	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)	(2.33)	7.3	(2.36)	10.7	(0.82)		(2.29)	14.4	(2.46)	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)	(2.69)	4.6	(2.67)	9.4	(0.94)		(2.53)		(2.74)	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		15.9	37.1		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)	(2.88)	4.7	(2.92)	7.3	(1.01)		(2.85)		(3.03)	22.7		

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

: kg/cm² **

Injector Performance Table

Water Suction Capacity • Injector Inlet Pressure 4.22-8.44 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.		
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)		0.16		(2.49)		(3.57)	0.25	(2.70)
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)	(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)				(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)				(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)				(4.15)		(5.83)	(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):

: kg/cm² **



Injector Performance Table

Water Suction Capacity • Injector Inlet Pressure 4.22-8.44 Kg/cm²

Operating Pressure Kg/Cm ²		Model 584 1/2" & 3/4" Threads		Model 684 3/4" Threads		Model 878-2 1" Threads		Model 885X-2 1" Threads		Model 1078-2 1" Threads		Model 1583 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
4.92	0.00	29.60	1.63	49.62	1.60	51.74	4.65	50.45	8.90	77.55	5.89	151.9	14.43
	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		8.88		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). :

: kg/cm² **

TEL : (02) 862-7537~8 FAX : (02) 862-7539

TEL : (043) 215-9856~8 FAX : (043) 215-9859



Injector Performance Table

Water Suction Capacity • Injector Inlet Pressure 4.22-8.44 Kg/cm²

Operating Pressure Kg/Cm ²		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	449	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	485	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	(4.11)	25.4	(4.25)	60.6						
5.62	0.00	162.4	20.3	267.9	17.4	518	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	(4.68)	3.8	(1.70)	(4.75)	18.9	(4.89)	53.0			
6.33	0.00	172.3	19.5	284.1	17.3	550	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)		(1.86)	(5.38)		(5.56)	53.0			
7.03	0.00	181.6	19.2	299.5	17.4	579	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	(5.76)	3.9	(5.84)	(2.09)	(5.98)	23.8	(6.23)	56.8		
8.44	0.00	198.9		328.1	17.0	598	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). :

: kg/cm² **

TEL : (02) 862-7537~8 FAX : (02) 862-7539

TEL : (043) 215-9856~8 FAX : (043) 215-9859



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		0.74				1.46		1.85		2.79		4.42
	0.35		0.16				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		0.52				1.09		1.32		2.18		3.40
	0.49		0.29				0.62		0.72		1.28		2.09
	0.70						0.29				0.46		1.01
	0.84		(0.81)				0.12		(0.68)		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		1.06				2.24		2.55		3.88		7.09
	0.70		0.30				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		1.42				2.88		4.00		5.00		9.29
	0.70		0.54				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		1.72				4.28		4.94		6.44		11.19
	0.70		0.71				1.84		1.58		3.20		5.62
	1.05		0.36				0.80		0.88		1.56		2.83
	1.41						0.32				0.87		1.62
1.76	(1.72)	0.15	(1.39)	0.30	(1.83)	0.63							
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		1.80				5.59		6.73		8.76		12.24
	0.70		0.85				2.58		2.25		4.42		7.73
	1.05		0.48				1.23		1.12		2.49		4.18
	1.41		0.27				0.64		0.87		1.32		2.64
1.76	(1.90)	0.33	(1.65)	0.33	(2.22)	0.82	(2.07)	1.45					
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		2.19				5.99		8.01		9.20		12.84
	0.70		1.08				3.53		3.46		5.15		9.91
	1.05		0.62				1.72		1.51		3.28		5.56
	1.41		0.37				0.88		1.13		1.99		3.84
1.76		0.56		1.30	2.32								
2.11	(2.18)	0.21	(1.84)	0.21	(2.50)	0.72	(2.46)	1.63					
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		2.60				6.47		9.41		10.17		14.12
	0.70		1.35				3.96		4.24		5.99		11.15
	1.05		0.79				2.11		1.98		4.44		7.30
	1.41		0.49				1.36		1.21		2.74		4.64
1.76	0.33	0.82	0.98	1.86	3.09								
2.11		0.45		1.20	1.93								
2.46	(2.46)	0.22	(2.08)	0.22	(2.81)	0.67	(2.64)	1.21					
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		2.91				7.22		11.11		10.67		15.58
	0.70		1.64				4.27		5.50		7.59		13.43
	1.05		0.94				2.41		2.56		4.86		9.22
	1.41		0.60				1.66		1.60		3.63		5.69
1.76	0.43	1.30	1.16	2.37	3.79								
2.11		0.68		1.68	2.80								
2.46		0.41		1.07	1.78								
2.81	(2.74)	0.20	(2.88)	0.20	(3.16)	0.64	(2.95)	0.98					

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

: kg/cm² **

TEL : (02) 862-7537~8 FAX : (02) 862-7539

TEL : (043) 215-9856~8 FAX : (043) 215-9859



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)		(0.27)		0.19
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)		(0.56)		0.40
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)		(0.84)		0.61
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)		(1.18)		1.01
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)		(1.46)		0.82
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)	(1.86)	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)	(2.13)	1.56	(2.11)	(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)	(2.41)	1.57	(2.42)	(2.35)					
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)	(2.72)	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)	(2.96)	1.19	(3.09)	(2.95)					

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

: kg/cm² **

TEL : (02) 862-7537~8 FAX : (02) 862-7539

TEL : (043) 215-9856~8 FAX : (043) 215-9859

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		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		(0.28)		5.04		(0.25)						291.7
0.70	0.00	96.6	46.26	55.0	30.67	90.8	60.30	175	203.90	390	338.3	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		(0.60)		5.98		(0.46)						341.8
1.05	0.00	118.3	67.97	67.4	55.35	111.2	72.60	215	237.75	481	464.9	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		(0.91)		4.42		(0.66)						183.4
1.41	0.00	136.6	80.24	77.8	61.73	128.4	81.69	248	383.74	553	537.4	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		(1.20)		5.98		(0.89)						251.3
1.76	0.00	152.7	87.32	87.0	68.65	143.5	92.31	277	387.13	621	585.8	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		(1.51)		5.67		(1.08)						224.2
2.11	0.00	167.3	91.57	95.3	79.89	157.2	108.79	304	398.46	678	649.2	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		
1.76	(1.83)	4.73	(1.36)			206.1							
2.46	0.00	180.7	97.23	103.0	82.87	169.8	108.89	328	452.84	734	683.9	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		
1.76	(2.14)	10.65	(1.58)			292.3							
2.81	0.00	193.1	100.06	110.1	83.57	181.6	120.36	351	468.70	783	641.6	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		
1.76	18.14	1.27	12.62	124.55	319.4								
2.11	(2.46)	10.34	(1.79)			255.9							
3.16	0.00	204.8	104.78	116.8	108.50	192.6	126.18	372	482.29	829	702.1	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		
1.76	23.46	5.78	13.32	101.92	403.0								
2.11	15.33		8.90	70.21	330.8								
2.46	(2.78)	10.02	(2.02)			283.1							
3.52	0.00	215.9	106.67	123.1	96.15	203.0	127.12	392	489.09	874	730.8	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		
1.76	32.28	8.29	17.65	124.58	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	(2.99)	8.78	(2.28)			212.4							

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

: kg/cm² **



Injector Performance Table

Air Suction Capacity • Injector Inlet Pressure 4.22-8.44 Kg/cm²

Operating Pressure Kg/cm ²		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	6.37	14.99	9.53	14.99	17.29	26.27	17.11	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)	1.53
	4.92		0.00		3.71		3.30		9.46		6.84		16.20	9.78
0.35		0.70	4.54	8.75		14.92	13.60	18.69						
0.70			2.62	6.89		9.89	11.14	16.60						
1.05			1.73	4.79		7.17	8.12	14.86						
1.41			1.14	3.32		3.58	6.05	12.79						
2.11			0.63	1.86		1.76	3.82	6.44						
2.81			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	7.53	17.30	10.10	17.30	19.02	30.32	17.94	50.87	20.26	
	0.35		0.50		5.32		9.45		18.05		14.67		19.76	
	0.70				3.16		7.57		13.61		12.40		17.31	
	1.05				2.25		5.57		8.64		10.36		16.28	
	1.41				1.57		4.03		4.75		7.56		15.19	
	2.11				0.88		2.40		2.40		4.93		8.05	
	2.81				0.58		1.42		1.49		3.36		5.16	
	3.52				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	8.12	18.36	10.36	18.36	20.12	32.17	18.21	53.94	20.37	
	0.35		0.50		6.08		9.62		18.76		15.47		20.00	
	0.70				3.70		8.33		15.54		13.64		18.62	
	1.41				1.95		4.84		7.55		9.34		16.23	
	2.11				1.09		2.93		3.40		6.12		11.67	
	2.81				0.73		2.06		2.14		4.17		7.00	
	3.52				0.52		1.29		1.39		2.77		4.79	
	4.22				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	8.43	19.34	10.38	19.34	20.96	33.91	18.55	56.85	20.60	
	0.35		0.50		6.57		9.88		20.15		16.64		20.39	
	0.70				4.22		8.94		17.28		14.35		19.86	
	1.41				2.23		5.77		8.85		10.92		18.03	
	2.11				1.29		3.60		4.88		6.81		15.58	
	2.81				0.92		2.60		2.86		5.20		8.53	
	3.52				0.67		1.67		1.88		3.63		6.19	
	4.22				0.51		1.01		1.29		2.48		4.49	
	4.92				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	9.24	21.20	10.79	21.20	23.01	37.17	19.05	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). :
: kg/cm² **



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)	(3.59)	2.15	(3.47)	4.91
	4.92		0.00		61.09		28.32		49.58		36.39		48.37	63.98	57.53	34.77	74.34
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		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) :
: kg/cm² **

TEL : 02) 862-7537~8 FAX : 02) 862-7539

TEL : 043) 215-9856~8 FAX : 043) 215-9859



Injector Performance Table

Air Suction Capacity • Injector Inlet Pressure 4.22-8.44 Kg/cm²

Operating Pressure Kg/cm ²		Model 1584 1.5" Threads		Model 1585X 1.5" Threads		Model 1587 1.5" Threads		Model 2081 2" Threads		Model 3090 3" Threads		Model 4091 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	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)		(2.69)		(3.51)		(3.52)		(3.45)		(3.59)	242.3
	3.16								12.21		66.24		127.4	
4.92	0.00	255.5	115.17	145.6	123.33	464	588.77	1037	855.3					
	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)		(3.14)		(4.01)		(4.11)	(4.11)		42.5		
3.87					63.41	42.5								
5.62	0.00	273.1	117.06	155.7	130.44	496	605.76	1109	934.6					
	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)		(3.59)		(4.64)		(4.68)	(4.75)		5.7		
4.57					75.81	5.7								
6.33	0.00	289.7	118.00	165.1	137.62	526	614.83	1173	991.2					
	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)		(4.04)		(5.20)		(5.31)	(5.38)		22.7		
5.27					82.67	22.7								
7.03	0.00	305.4	118.94	174.0	150.19	555	619.36	1238	934.6					
	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)		(4.44)		(5.76)		(5.84)	(5.98)		42.5		
5.62					77.00	42.5								
8.44	0.00	334.5	122.72	190.7	159.36	688								
	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)	(5.29)	(6.88)											
7.03														

** Numbers in parenthesis indicate the injector outlet pressure when suction stops (Zero Suction Point). :
: kg/cm² **