

Injector Performance Table

Water Suction Capacity (METRIC)

REV 2014

Operating Pressure kg/cm ²		Model 283 15mm Threads		Model 287 15mm Threads		Model 384 15mm Threads		Model 384X 15mm Threads		Model 484 15mm & 20mm Threads		Model 484X 20mm 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	1.1	0.33	2.7	0.65	2.7	0.73	4.5	0.92	4.5	1.4
	0.07		0.13		0.16		0.54		0.65		1.0		
	0.14		0.06		0.11		0.47		0.42		0.75		
	0.21				<0.10		0.32				0.46		
	0.28		*(0.25)		*(0.25)		*(0.27)		*(0.20)		*(0.31)		*(0.25)
0.70	0.00	0.91	0.30	1.2	0.39	3.8	0.96	3.8	1.1	6.4	1.1	6.4	1.8
	0.14		0.18		0.30		0.72		0.85		1.4		
	0.35		0.07		0.12		0.48		0.12		0.74		
	0.49				<0.10		0.13				0.23		
	0.56		*(0.49)		*(0.54)		*(0.58)		*(0.46)		*(0.59)		*(0.53)
1.05	0.00	1.1	0.34	1.6	0.43	4.6	0.84	4.6	1.7	7.8	1.1	7.8	2.4
	0.35		0.17		0.26		0.71		0.72		1.3		
	0.49		0.11		0.18		0.53		0.26		0.98		
	0.70				<0.10		0.30						
	0.84		*(0.74)		*(0.81)		*(0.91)		*(0.68)		*(0.88)		*(0.61)
1.41	0.00	1.2	0.37	1.9	0.44	5.4	0.82	5.4	1.8	9.0	1.1	9.0	2.4
	0.35		0.23		0.38		0.83		0.98		1.7		
	0.70		0.13		0.21		0.58		0.19		0.84		
	0.84		0.03		0.12		0.40				0.53		
	1.05		*(1.05)		*(1.12)		*(1.16)		*(0.87)		*(1.20)		*(0.93)
1.76	0.00	1.3	0.37	2.2	0.49	6.0	0.89	6.0	2.0	10.1	1.1	10.1	2.4
	0.35		0.20		0.44		0.89		1.0		2.0		
	0.70		0.16		0.28		0.80		0.70		1.3		
	1.05		0.04		0.15		0.42				0.62		
	1.41		*(1.30)		*(1.37)		*(1.44)		*(1.06)		*(1.52)		*(1.16)
2.11	0.00	1.5	0.38	2.5	0.50	6.6	0.89	6.6	2.1	11.1	1.0	11.1	2.5
	0.35		0.37		0.50		0.91		1.5		2.4		
	0.70		0.24		0.35		0.87		1.0		1.8		
	1.05		0.15		0.23		0.67		0.44		1.0		
	1.41		0.05		0.11		0.28				0.44		
1.76	*(1.58)	*(1.72)	*(1.77)	*(1.27)	*(1.79)	*(1.20)							
2.46	0.00	1.5	0.38	2.6	0.51	7.1	0.91	7.1	2.1	11.9	1.0	11.9	2.5
	0.35		0.38		0.50		0.91		1.8		2.4		
	0.70		0.30		0.43		0.91		1.2		2.1		
	1.05		0.21		0.32		0.86		0.67		1.5		
	1.41		0.11		0.19		0.59				0.93		
1.76	*(1.83)	*(1.90)	*(2.01)	*(1.46)	*(2.07)	*(1.65)							
2.81	0.00	1.6	0.38	2.8	0.51	7.6	0.89	7.6	2.1	12.8	1.0	12.8	2.5
	0.35		0.38		0.51		0.89		1.1		2.4		
	0.70		0.35		0.47		0.88		1.5		2.4		
	1.05		0.26		0.40		0.88		0.89		1.8		
	1.41		0.16		0.27		0.79		0.22		1.3		
1.76	0.07	0.17	0.47		0.41								
2.11	*(2.07)	*(2.18)	*(2.25)	*(1.60)	*(2.34)	*(1.84)							
3.16	0.00	1.7	0.38	3.1	0.51	8.0	0.86	8.0	2.1	13.5	1.0	13.5	2.6
	0.35		0.38		0.51		0.87		1.9		2.4		
	0.70		0.37		0.51		0.87		1.9		2.3		
	1.05		0.31		0.44		0.86		1.1		2.2		
	1.41		0.21		0.35		0.87		0.69		1.6		
1.76	0.17	0.25	0.76	<0.10	1.1								
2.11	0.06	0.15	0.38		0.64								
2.46	*(2.35)	*(2.46)	*(2.54)	*(1.84)	*(2.59)	*(1.78)							
3.52	0.00	1.8	0.38	3.2	0.52	8.5	0.89	8.5	2.1	14.3	1.0	14.3	2.6
	0.35		0.38		0.52		0.89		2.0		2.5		
	0.70		0.38		0.52		0.89		2.0		2.4		
	1.05		0.36		0.50		0.89		1.5		2.3		
	1.41		0.30		0.37		0.85		0.96		1.8		
1.76	0.22	0.28	0.85	0.42	0.51								
2.11	0.13	0.19	0.63										
2.46	0.04	<0.10	0.38		0.49								
2.81	*(2.60)	*(2.74)	*(2.78)	*(2.02)	*(2.88)	*(2.04)							

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

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 500 Rooster Drive, Bakersfield, CA 93307-9555 USA

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Injector Performance Table

Water Suction Capacity (METRIC)

REV 2014

Operating Pressure kg/cm ²		Model 283 15mm Threads		Model 287 15mm Threads		Model 384 15mm Threads		Model 384X 15mm Threads		Model 484 15mm & 20mm Threads		Model 484X 20mm 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	2.0	0.38	3.5	0.52	9.3	0.86	9.3	2.1	15.6	1.1	15.6	2.6
	0.35		0.38		0.52		0.86		2.1		1.1		2.6
	0.70		0.38		0.49		0.85		2.1		1.1		2.4
	1.05		0.38		0.49		0.85		2.0		1.1		2.4
	1.41		0.36		0.49		0.84		1.5		1.1		2.3
	2.11		0.24		0.36		0.78		.57		1.0		1.4
	2.46		0.15		0.26		0.73		<0.10		0.96		
	2.81		0.08		0.17		0.52				0.75		
	3.16				0.15		0.15						
			*(3.20)				*(3.30)				*(3.33)		
4.92	0.00	2.2	0.38	3.8	0.52	10.0	0.76	10.0	2.2	16.9	1.1	16.9	2.6
	0.35		0.38		0.52		0.76		2.2		1.1		2.6
	0.70		0.38		0.52		0.77		2.1		1.0		2.4
	1.05		0.38		0.52		0.76		2.0		1.0		2.3
	1.41		0.38		0.52		0.77		1.9		1.0		2.2
	2.11		0.33		0.47		0.77		1.1		1.0		1.9
	2.81		0.18		0.30		0.75		0.21		1.0		1.0
	3.16		0.12		0.22		0.69				0.84		
	3.52		0.05		0.11		0.47				0.71		
	3.87												
	*(3.80)		*(3.87)		*(3.68)		*(2.92)		*(4.11)		*(2.86)		
5.62	0.00	2.3	0.38	4.0	0.52	10.7	0.73	10.7	2.1	18.0	1.0	18.0	2.6
	0.35		0.38		0.52		0.73		2.1		1.0		2.6
	0.70		0.38		0.52		0.73		2.1		1.0		2.6
	1.05		0.38		0.52		0.73		2.0		1.0		2.5
	1.41		0.38		0.52		0.73		1.9		1.0		2.5
	2.11		0.38		0.51		0.73		1.6		1.0		2.5
	2.81		0.28		0.40		0.73		0.74		0.99		1.7
	3.52		0.15		0.26		0.71				0.94		0.43
	4.22				<0.10		0.43				0.39		
	4.57												
	*(4.26)		*(4.43)		*(4.35)		*(3.32)		*(4.64)		*(3.65)		
6.33	0.00	2.5	0.38	4.3	0.52	11.4	0.70	11.4	2.2	19.1	0.86	19.1	2.6
	0.35		0.38		0.52		0.70		2.1		0.86		2.6
	0.70		0.38		0.52		0.70		2.1		0.86		2.5
	1.41		0.38		0.52		0.70		2.0		0.86		2.5
	2.11		0.38		0.52		0.70		1.8		0.86		2.4
	2.81		0.36		0.50		0.70		1.1		0.86		2.1
	3.52		0.22		0.36		0.70		0.30		0.86		1.6
	4.22		0.10		0.22		0.69				0.84		
	4.92				<0.10		0.29				0.26		
	5.27												
	*(4.78)		*(4.99)		*(4.99)		*(3.73)		*(5.20)		*(3.81)		
7.03	0.00	2.6	0.38	4.5	0.49	12.0	0.68	12.0	2.1	20.2	0.83	20.2	2.6
	0.35		0.38		0.49		0.69		2.0		0.83		2.6
	0.70		0.38		0.49		0.68		2.0		0.83		2.5
	1.41		0.38		0.49		0.69		2.0		0.83		2.5
	2.11		0.38		0.49		0.69		1.9		0.83		2.5
	2.81		0.38		0.47		0.68		1.8		0.83		2.2
	3.52		0.32		0.45		0.69		0.77		0.83		1.7
	4.22		0.19		0.33		0.69				0.83		
	4.92		0.07		0.19		0.66				0.81		
	5.62												
	*(5.34)		*(5.55)		*(5.52)		*(4.15)		*(5.83)		*(4.19)		
8.44	0.00	2.9	0.38	5.0	0.40	13.1	0.68	13.1	2.1	22.1	0.77	22.1	2.8
	0.35		0.38		0.40		0.68		2.1		0.77		2.7
	0.70		0.38		0.40		0.68		2.0		0.77		2.7
	1.41		0.38		0.40		0.68		2.0		0.77		2.6
	2.11		0.38		0.40		0.68		1.9		0.77		2.5
	2.81		0.38		0.40		0.68		1.9		0.77		2.3
	3.52		0.35		0.38		0.68		1.5		0.77		2.0
	4.22		0.33		0.37		0.68		0.88		0.77		1.5
	4.92		0.25		0.30		0.68		0.13		0.76		1.2
	5.62		0.15		0.23		0.68				0.76		
6.33	0.06	<0.10	0.54		0.73								
7.03													
	*(6.54)		*(6.68)		*(6.81)		*(5.01)		*(7.01)		*(5.00)		

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

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Injector Performance Table

Water Suction Capacity (METRIC) REV 2014													
Operating Pressure kg/cm ²		Model 584 15mm & 20mm Threads		Model 684 20mm Threads		Model 878-03 25mm Threads		Model 885X-03 25mm Threads		Model 1078-03 25mm Threads		Model 1583 40mm 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	7.9	1.8	13.3	1.7	13.8	3.9	13.5	4.9	20.7	6.4	40.6	8.5
	0.07		1.8		1.2		2.2		3.9		2.9		5.3
	0.14		1.7		0.87		1.5		2.6		1.3		3.3
	0.21		1.6		0.41		0.46		0.97		0.17		
	0.28		*(0.31)		0.63		*(0.30)		0.35		*(0.28)		*(0.28)
0.70	0.00	11.2	1.7	18.8	1.7	19.5	5.9	19.1	7.3	29.3	6.6	57.4	13.8
	0.14		1.7		1.7		3.9		5.7		4.7		9.0
	0.35		1.7		1.1		2.3		2.8		2.6		4.9
	0.49		0.83		0.68		0.99		1.2		1.2		2.6
	0.56		*(0.63)		0.69		*(0.60)		0.38		*(0.61)		*(0.53)
1.05	0.00	13.7	1.7	23.0	1.6	23.9	5.5	23.4	8.5	35.9	6.3	70.3	14.2
	0.35		1.7		1.6		3.9		5.2		5.0		10.3
	0.49		1.7		1.5		2.8		3.6		4.0		7.8
	0.70		0.88		0.81		1.4		1.2		2.1		5.4
	0.84		*(0.95)		0.69		*(0.91)		0.44		*(0.88)		*(0.77)
1.41	0.00	15.8	1.5	26.5	1.5	27.6	5.2	27.0	8.9	41.4	6.1	81.2	14.3
	0.35		1.5		1.5		5.0		7.4		6.0		12.9
	0.70		1.4		1.5		3.0		3.6		4.4		9.0
	0.84		1.2		1.1		2.1		2.2		3.2		8.3
	1.05		*(1.27)		0.92		*(1.16)		0.65		*(1.16)		*(0.98)
1.76	0.00	17.7	1.5	29.7	1.5	30.9	5.1	30.1	9.0	46.3	6.0	90.8	14.3
	0.35		1.5		1.5		5.1		8.5		6.0		14.2
	0.70		1.5		1.5		4.6		6.0		5.6		12.2
	1.05		1.3		1.5		2.8		2.4		4.3		9.3
	1.41		*(1.55)		0.76		*(1.48)		0.32		*(1.48)		*(1.20)
2.11	0.00	19.4	1.5	32.5	1.5	33.9	5.0	33.0	9.0	50.8	5.9	99.4	14.2
	0.35		1.6		1.5		4.9		8.8		5.9		14.2
	0.70		1.5		1.5		4.8		7.9		5.9		13.3
	1.05		1.5		1.5		4.1		4.3		5.1		10.5
	1.41		1.1		0.92		2.2		0.90		3.4		7.9
1.76	*(1.90)	0.72	*(1.83)	0.42	*(1.84)	*(1.44)	*(1.83)	1.1	*(1.83)	*(1.83)	1.1		
2.46	0.00	20.9	1.6	35.1	1.5	36.6	5.0	35.7	8.9	54.8	5.9	107	14.3
	0.35		1.6		1.5		5.0		8.9		5.9		14.2
	0.70		1.6		1.5		4.8		8.5		5.9		14.1
	1.05		1.5		1.5		4.7		6.7		5.7		12.9
	1.41		1.3		1.5		3.3		3.4		4.6		10.4
1.76	*(2.22)	1.0	*(2.07)	0.81	*(2.12)	*(1.69)	*(2.11)	2.9	*(2.07)	*(2.07)	5.6		
2.81	0.00	22.4	1.6	37.5	1.5	39.1	4.8	38.1	8.8	58.6	5.8	115	14.3
	0.35		1.6		1.5		4.8		8.9		5.8		14.4
	0.70		1.6		1.5		4.8		8.7		5.8		14.3
	1.05		1.6		1.5		4.8		8.0		5.8		13.9
	1.41		1.5		1.5		4.6		5.7		5.7		12.1
1.76	1.3	1.5	3.1	2.3	4.5	9.6							
2.11	*(2.50)	0.94	*(2.46)	0.68	*(2.42)	*(1.90)	*(2.42)	2.6	*(2.35)	*(2.35)	5.1		
3.16	0.00	23.7	1.6	39.8	1.5	41.5	5.0	40.5	8.8	62.2	5.8	122	14.3
	0.35		1.6		1.5		5.0		8.8		5.8		14.4
	0.70		1.6		1.5		5.0		8.7		5.8		14.3
	1.05		1.6		1.5		5.0		8.5		5.8		14.1
	1.41		1.6		1.5		4.9		7.0		5.9		13.4
1.76	1.4	1.5	4.2	4.6	5.4	11.0							
2.11	1.2	1.3	2.7	1.4	4.1	7.1							
2.46	*(2.81)	0.85	*(2.64)	0.53	*(2.70)	*(2.18)	*(2.72)	2.3	*(2.64)	*(2.64)	2.9		
3.52	0.00	25.0	1.6	41.9	1.5	43.7	4.7	42.6	8.8	65.5	5.8	128	14.3
	0.35		1.6		1.5		4.7		8.8		5.8		14.3
	0.70		1.6		1.5		4.7		8.8		5.8		14.2
	1.05		1.6		1.5		4.7		8.7		5.8		14.2
	1.41		1.6		1.5		4.7		8.0		5.8		14.1
1.76	1.5	1.5	4.3	6.7	5.8	12.8							
2.11	1.3	1.0	3.5	3.7	5.4	10.8							
2.46	0.99	0.57	2.3	0.81	4.0	7.6							
2.81	*(3.16)	0.17	*(2.95)	0.42	*(2.97)	*(2.53)	*(3.09)	2.2	*(2.95)	*(2.95)	2.5		

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

Injector Performance Table

Water Suction Capacity (METRIC)

REV 2014

Operating Pressure kg/cm ²		Model 584 15mm & 20mm Threads		Model 684 20mm Threads		Model 878-03 25mm Threads		Model 885X-03 25mm Threads		Model 1078-03 25mm Threads		Model 1583 40mm 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	27.4	1.6	45.9	1.5	47.9	4.5	46.7	8.8	71.8	5.8	141	14.4					
	0.35		1.6		1.5		4.5		8.8		5.8		14.4					
	0.70		1.6		1.6		4.5		8.8		5.8		14.4					
	1.05		1.6		1.5		4.5		8.8		5.8		14.3					
	1.41		1.6		1.5		4.5		8.7		5.8		14.3					
	2.11		1.6		1.5		4.4		6.9		5.8		13.0					
	2.46		1.5		1.5		3.9		4.6		5.7		11.5					
	2.81		1.2		0.85		2.6		2.0		4.8		9.3					
	3.16		*(3.76)		0.90		*(3.52)		0.44		*(3.60)		1.0	*(3.02)	*(3.59)	2.8	*(3.47)	5.1
	4.92		0.00		29.6		1.6		49.6		1.6		51.7	4.6	50.5	8.8	77.5	5.8
0.35		1.6	1.6	4.6		8.8	5.8	14.4										
0.70		1.6	1.6	4.6		8.8	5.8	14.4										
1.05		1.6	1.6	4.6		8.8	5.8	14.4										
1.41		1.6	1.6	4.6		8.8	5.8	14.4										
2.11		1.6	1.6	4.6		8.5	5.8	14.2										
2.81		1.6	1.6	4.2		5.5	5.8	12.5										
3.16		1.4	1.3	2.9		2.8	5.1	10.0										
3.52		1.0	0.66	1.9			3.4	7.8										
3.87		*(4.43)	0.57	*(4.10)		0.43	*(4.10)	0.81		*(3.59)	*(4.14)	1.8		*(3.99)		2.7		
5.62	0.00	31.6	1.6	53.1	1.6	55.3	4.6	53.9	8.8	82.9	5.9	162	14.6					
	0.35		1.6		1.6		4.6		8.8		5.9		14.6					
	0.70		1.6		1.6		4.6		8.8		5.9		14.6					
	1.05		1.6		1.6		4.6		8.8		5.9		14.6					
	1.41		1.6		1.6		4.6		8.8		5.9		14.6					
	2.11		1.6		1.6		4.6		8.8		5.9		14.6					
	2.81		1.6		1.6		4.6		7.8		5.9		13.9					
	3.52		1.5		1.6		3.5		3.7		5.7		11.1					
	4.22		1.0		0.98		1.6				3.3		5.8					
	4.57		*(5.10)		0.49		*(4.71)		0.31		*(4.75)		0.50	*(4.01)	*(4.82)	2.0	*(4.92)	0.75
6.33	0.00	33.6	1.7	56.3	1.6	58.7	4.6	57.2	8.9	87.9	5.9	172	14.4					
	0.35		1.7		1.6		4.6		8.8		5.9		14.4					
	0.70		1.7		1.6		4.6		8.9		5.9		14.4					
	1.41		1.7		1.6		4.6		8.8		5.9		14.4					
	2.11		1.7		1.6		4.6		8.8		5.9		14.4					
	2.81		1.7		1.6		4.6		8.6		6.0		14.4					
	3.52		1.7		1.6		4.4		6.5		5.9		13.7					
	4.22		1.5		1.6		3.0		2.1		5.3		11.2					
	4.92		0.83		1.6		1.1				2.4		3.0					
	5.27		*(5.66)		0.33		*(5.34)		0.84		*(5.32)		<0.10	*(4.64)	*(5.41)	1.2	*(5.14)	
7.03	0.00	35.4	1.8	59.3	1.4	61.8	4.8	60.3	8.9	92.7	5.9	182	14.6					
	0.35		1.8		1.5		4.8		8.9		5.9		14.6					
	0.70		1.8		1.5		4.8		8.9		5.9		14.6					
	1.41		1.8		1.5		4.8		8.9		5.9		14.6					
	2.11		1.8		1.5		4.8		8.8		5.9		14.6					
	2.81		1.8		1.5		4.8		8.8		5.9		14.6					
	3.52		1.8		1.5		4.7		8.2		5.9		14.4					
	4.22		1.7		1.5		4.2		5.5		5.9		13.0					
	4.92		1.4		1.5		2.8		2.0		5.1		9.2					
	5.62		*(6.33)		1.0		*(5.98)		1.3		*(5.94)		0.82	*(5.13)	*(6.05)	1.9	*(5.72)	1.6
8.44	0.00	38.7	2.0	65.0	1.5	67.7	4.7	66.1	8.8	101	5.9							
	0.35		2.0		1.5		4.7		8.8		5.9							
	0.70		2.0		1.5		4.7		8.8		5.9							
	1.41		2.0		1.5		4.7		8.8		5.9							
	2.11		2.0		1.5		4.7		8.8		5.9							
	2.81		2.0		1.5		4.7		8.8		5.9							
	3.52		2.0		1.5		4.7		8.5		5.9							
	4.22		1.9		1.5		4.7		8.2		6.0							
	4.92		1.9		1.5		4.4		5.3		5.9							
	5.62		1.8		1.3		3.8		1.7		5.7							
6.33	1.0	1.2	2.1		3.8													
7.03	*(7.52)		*(7.17)	1.1	*(7.14)	0.54	*(5.98)	*(7.17)	1.4									

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

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 Mazzei Injector Company, LLC
 500 Rooster Drive, Bakersfield, CA 93307-9555 USA

www.mazzei.net

Injector Performance Table

Water Suction Capacity (METRIC) REV 2014													
Operating Pressure kg/cm ²		Model 1585X 40mm Threads		Model 1587 40mm Threads		Model 2081 50mm Threads		Model 2083X 50mm Threads		Model 3090 80mm Threads		Model 4091 100mm 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	7.7	67.0	15.4	123	39.7	31.8	28.7	289	66.2	643	132
	0.07		4.7		6.4		39.7		9.9		56.7		94.6
	0.14		1.6		5.7		39.7				47.8		75.7
	0.21				3.4		13.5				28.7		53.0
	0.28		*(0.25)						8.5				22.7
0.70	0.00	57.4	15.2	94.7	17.0	174	39.7	49.6	35.3	409	91.2	810	177
	0.14		9.8		15.7		39.7		9.7		91.3		177
	0.35		2.7		6.5		29.5				55.0		117
	0.49				3.6		9.4				24.9		49.2
	0.56		*(0.46)				0.90		1.9				15.1
1.05	0.00	70.3	16.5	116	17.0	213	39.7	60.9	42.3	501	90.4	950	177
	0.35		9.9		11.6		39.3				90.0		177
	0.49		5.4		9.7		36.3				65.7		143
	0.70				6.2		13.4				34.9		45.4
	0.84		*(0.66)				2.4		4.8				18.9
1.41	0.00	81.2	19.4	134	16.8	245	39.7	71.5	47.7	578	89.3	1,030	177
	0.35		14.6		16.7		39.7		14.9		89.3		177
	0.70		7.5		11.0		29.5				73.8		170
	0.84		2.4		8.9		18.8				49.9		113
	1.05		*(0.89)				5.5		9.5				27.2
1.76	0.00	90.8	20.4	150	16.7	274	39.7	82.5	51.1	646	84.7	1,162	177
	0.35		17.3		16.7		39.7		27.0		84.5		177
	0.70		12.9		14.4		39.5				85.6		177
	1.05		3.1		9.8		25.4				58.6		124
	1.41		*(1.08)				3.4		8.4				7.1
2.11	0.00	99.4	20.3	164	16.6	301	39.7	87.4	53.5	708	82.5	1,257	177
	0.35		18.9		16.5		39.7		49.1		82.6		177
	0.70		15.8		16.9		39.7				82.5		177
	1.05		8.6		12.6		32.2				80.8		162
	1.41				10.4		21.5				36.4		87.1
1.76	*(1.36)		2.1	3.9		15.1							
2.46	0.00	107	20.5	177	18.0	325	39.7	92.4	53.8	765	81.3	1,363	177
	0.35		20.0		17.9		39.7		42.2		81.3		177
	0.70		18.0		18.1		39.7		18.1		79.8		177
	1.05		12.8		15.8		39.5				80.0		177
	1.41		4.2		12.0		29.0				57.1		166
1.76	*(1.58)		9.0	16.1		24.8	90.8						
2.81	0.00	115	20.4	189	18.1	347	39.7	99.9	56.6	818	79.1	1,446	177
	0.35		20.2		17.9		39.7		58.0		79.1		177
	0.70		19.4		17.8		39.7		24.5		79.1		177
	1.05		16.2		17.5		39.7				79.2		177
	1.41		9.2		15.4		33.0				70.0		177
1.76		11.3	24.8		44.9	117							
2.11	*(1.79)		7.2	10.6		14.5	56.8						
3.16	0.00	122	20.5	201	16.3	368	39.7	105	59.7	867	79.4	1,522	177
	0.35		20.4		16.3		39.7		47.2		79.4		177
	0.70		20.0		16.4		39.7		30.6		79.4		177
	1.05		18.1		16.2		39.7				79.3		177
	1.41		13.2		16.2		38.2				79.0		177
1.76		6.7	14.2	32.0		60.6	177						
2.11			9.9	21.5		36.5	151						
2.46	*(2.02)		4.6	9.4			60.6						
3.52	0.00	128	20.3	212	16.4	388	39.7	108	74.1	914	77.9	1,575	177
	0.35		20.1		16.3		39.7		80.6		77.9		177
	0.70		19.9		16.3		39.7		36.5		77.9		177
	1.05		18.7		16.3		39.7				77.9		177
	1.41		15.8		16.2		39.7				78.0		177
1.76		15.9	37.0		75.3	177							
2.11		2.8	12.9	28.5		55.6	166						
2.46			8.6	18.9		31.5	102						
2.81	*(2.28)		4.7	7.2			22.7						

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

Injector Performance Table

Water Suction Capacity (METRIC) REV 2014													
Operating Pressure kg/cm ²		Model 1585X 40mm Threads		Model 1587 40mm Threads		Model 2081 50mm Threads		Model 2083X 50mm Threads		Model 3090 80mm Threads		Model 4091 100mm 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	141	20.1	232	17.4	425	39.7	119	85.1	1,001	78.3	1,741	177
	0.35		20.1		17.4		39.7		85.9		78.3		177
	0.70		20.0		17.4		39.7		53.6		78.3		177
	1.05		19.3		17.4		39.7		32.8		78.3		177
	1.41		18.2		17.4		39.7				78.4		177
	2.11		11.0		17.1		37.8				78.0		177
	2.46		4.8		16.3		32.0				71.0		174
	2.81				13.4		24.0				47.9		159
	3.16		*(2.69)				7.4		*(3.52)		13.6		*(1.26)
4.92	0.00	152	19.9	251	17.4	459	39.7	128	90.2	1,082	77.5	1,874	174
	0.35		19.9		17.4		39.7		95.2		77.5		174
	0.70		19.9		17.4		39.7		79.5		77.5		174
	1.05		19.6		17.4		39.7		45.3		77.5		174
	1.41		18.9		17.4		39.7		27.6		77.5		174
	2.11		16.4		17.3		39.7				77.4		174
	2.81		4.3		16.6		33.3				76.2		174
	3.16				13.1		27.7				69.3		174
	3.52				9.5		20.5				45.4		117
3.87	*(3.14)		3.6	*(4.11)	8.9	*(1.47)		*(4.11)	25.3	*(4.25)	60.6		
5.62	0.00	162	20.2	268	17.4	491	39.7	132	91.7	1,156	77.5	2,014	170
	0.35		20.2		17.4		39.7		95.8		77.5		170
	0.70		20.2		17.4		39.7		88.1		77.5		170
	1.05		20.2		17.4		39.7		52.0		77.5		170
	1.41		19.6		17.4		39.7		36.2		77.5		170
	2.11		18.1		17.4		39.7				77.5		170
	2.81		13.2		17.2		38.1				77.5		170
	3.52				14.5		31.9				73.0		170
	4.22				5.8		17.0				37.4		113
4.57	*(3.59)		3.2	*(4.68)	3.8	*(1.70)		*(4.75)	18.9	*(4.89)	53.0		
6.33	0.00	172	19.5	284	17.3	521	39.7	138	93.7	1,226	77.5	2,154	159
	0.35		19.5		17.3		39.7		96.3		77.5		159
	0.70		19.5		17.3		39.7		93.4		77.5		159
	1.41		19.1		17.3		39.7		68.4		77.5		159
	2.11		18.6		17.3		39.7		40.2		77.5		159
	2.81		17.0		17.3		39.7				77.5		159
	3.52		6.7		17.1		37.9				77.7		151
	4.22				13.1		28.9				68.7		147
	4.92				3.9		11.3				29.3		106
5.27	*(4.04)			*(5.20)		*(2.23)		*(5.38)		*(5.56)	53.0		
7.03	0.00	182	19.2	299	17.3	549	39.7	149	91.3	1,293	77.5	2,271	159
	0.35		19.2		17.3		39.7		96.1		77.5		159
	0.70		19.2		17.3		39.7		91.4		77.5		159
	1.41		18.9		17.3		39.7		63.6		77.5		159
	2.11		17.8		17.3		39.7		55.8		77.5		159
	2.81		17.2		17.3		39.7				77.5		159
	3.52		12.2		17.2		39.2				77.8		159
	4.22		0.92		16.7		37.4				77.3		159
	4.92				11.3		26.0				59.4		147
5.62	*(4.44)		3.9	*(5.76)	7.6	*(2.33)		*(5.98)	23.7	*(6.23)	56.8		
8.44	0.00	328		328	17.0	601	39.7	163	91.8				
	0.35				17.0		39.7						
	0.70				17.0		39.7						
	1.41				17.0		39.7						
	2.11				17.0		39.7						
	2.81				17.0		39.7						
	3.52				17.0		39.7						
	4.22				17.0		38.6						
	4.92				16.9		37.5						
5.62		14.2	33.0										
6.33		6.6	19.5										
7.03				*(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 (METRIC)

REV 2014

Operating Pressure kg/cm ²		Model 287 15mm Threads		Model 384 15mm Threads		Model 484 15mm & 20mm Threads		Model 484X 20mm Threads		Model 584 15mm & 20mm Threads		Model 684 20mm 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	1.1	<0.25	2.5	0.28	4.3	2.6	4.3	3.7	7.6	4.1	12.7	4.2
	0.07		<0.10		<0.10		0.94		1.2		1.5		2.6
	0.14						0.16		0.31		0.60		1.4
	0.21						<0.10		0.22		0.34		0.47
	0.28		*(0.25)		*(0.27)		*(0.31)		*(0.25)		*(0.31)		*(0.30)
0.70	0.00	1.2	0.47	3.6	1.6	6.1	4.5	6.1	6.1	10.7	6.8	18.0	6.2
	0.14		<0.25		0.73		1.4		1.8		2.7		4.4
	0.35				0.16		0.34		0.54		0.81		1.7
	0.49						0.16		0.18		0.36		0.71
	0.56		*(0.54)		*(0.58)		*(0.59)		*(0.53)		*(0.63)		*(0.60)
1.05	0.00	1.6	0.94	4.4	3.1	7.5	5.9	7.5	8.3	13.1	8.2	22.0	7.3
	0.35		<0.25		0.51		1.0		1.3		2.1		3.3
	0.49				0.28		0.61		0.72		1.2		2.0
	0.70						0.28				0.46		1.0
	0.84		*(0.81)		*(0.91)		*(0.88)		*(0.61)		*(0.95)		*(0.91)
1.41	0.00	1.9	1.4	5.1	4.1	8.6	6.9	8.6	10.1	15.2	9.7	25.4	11.1
	0.35		<0.25		1.0		2.2		2.5		3.8		7.0
	0.70				0.30		0.60		0.69		1.3		2.6
	0.84						0.39		0.47		0.82		1.8
	1.05		*(1.12)		*(1.16)		*(1.20)		*(0.93)		*(1.27)		*(1.16)
1.76	0.00	2.2	1.6	5.7	4.5	9.7	7.4	9.7	11.7	17.0	10.9	28.4	13.0
	0.35		<0.25		1.4		2.8		3.9		4.9		9.2
	0.70				0.54		0.97		0.98		2.2		3.9
	1.05						0.33		0.60		0.94		1.7
	1.41		*(1.37)		*(1.44)		*(1.52)		*(1.16)		*(1.55)		*(1.48)
2.11	0.00	2.4	1.6	6.2	4.7	10.6	7.8	10.6	12.9	18.6	12.3	31.1	14.3
	0.35		<0.25		1.7		4.2		4.9		6.4		11.1
	0.70				0.70		1.8		1.5		3.1		5.6
	1.05				0.36		0.79		0.88		1.5		2.8
	1.41		*(1.72)		*(1.77)		*(1.79)		*(1.20)		*(1.90)		*(1.83)
2.46	0.00	2.6	1.8	6.7	4.9	11.4	8.2	11.4	14.4	20.1	13.4	33.6	15.6
	0.35		<0.25		1.8		5.5		6.7		8.7		12.2
	0.70				0.85		2.5		2.2		4.4		7.7
	1.05				0.48		1.2		1.1		2.4		4.1
	1.41		*(1.90)		*(2.01)		*(2.07)		*(1.65)		*(2.22)		*(2.07)
2.81	0.00	2.8	2.1	7.2	5.0	12.2	8.5	12.2	15.5	21.4	14.5	36.0	16.5
	0.35		0.47		2.1		5.9		8.0		9.2		12.8
	0.70		<0.25		1.0		3.5		3.4		5.1		9.9
	1.05				0.61		1.7		1.5		3.2		5.5
	1.41		*(2.18)		*(2.25)		*(2.34)		*(1.84)		*(2.50)		*(2.46)
3.16	0.00	3.0	2.1	7.6	5.4	13.0	9.0	13.0	15.5	22.7	14.9	38.1	17.4
	0.35		0.94		2.5		6.4		9.4		10.1		14.1
	0.70		<0.25		1.3		3.9		4.2		5.9		11.1
	1.05				0.78		2.1		1.9		4.4		7.3
	1.41		*(2.46)		*(2.54)		*(2.59)		*(1.78)		*(2.81)		*(2.64)
3.52	0.00	3.1	2.1	8.0	5.9	13.7	9.8	13.7	16.0	24.0	15.6	40.2	19.8
	0.35		1.1		2.9		7.2		11.1		10.6		15.5
	0.70		<0.25		1.6		4.2		5.5		7.5		13.4
	1.05				0.93		2.4		2.5		4.8		9.2
	1.41		*(2.74)		*(2.78)		*(2.88)		*(2.04)		*(3.16)		*(2.95)
	1.76			0.43		1.3		1.1			2.3		3.7
	2.11					0.67				1.6			2.7
	2.46					0.41				1.0			1.7
	2.81					0.20				0.64			0.98
	3.16												

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

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Injector Performance Table

Air Suction Capacity (METRIC)

REV 2014

Operating Pressure kg/cm ²		Model 287 15mm Threads		Model 384 15mm Threads		Model 484 15mm & 20mm Threads		Model 484X 20mm Threads		Model 584 15mm & 20mm Threads		Model 684 20mm 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	3.4	2.8	8.8	6.3	15.0	9.5	15.0	17.2	26.3	17.1	44.0	20.2					
	0.35				3.7				8.0				14.3		12.6		16.5	
	0.70		0.5		2.0		1.3		5.5		3.6		7.7	4.8	9.9	6.4	14.8	
	1.05		<0.25		0.85		0.45		2.4		1.1		2.4	1.3	4.7	2.6	8.1	4.4
	1.41				0.26				1.1		0.76				2.0	1.3	4.4	3.2
	2.11								0.59						2.0	1.3	2.4	2.4
	2.46														0.96		1.5	1.5
	2.81																	
	3.16		*(3.30)		*(3.33)		*(3.57)		*(2.43)		*(3.76)		*(3.52)					
	4.92		0.00		3.7		3.3		9.5		6.8		16.2	9.7	16.2	18.7	28.4	17.2
0.35			4.5			8.7		14.9			13.5			18.6				
0.70		0.7	2.6	1.7		6.8	4.7	7.1		8.1	11.1	8.1		16.6				
1.05		<0.25	1.1	0.63		3.3	1.8	3.5		1.7	6.0	3.8		14.8		12.7		
1.41			0.41			1.8	1.0	1.7		1.1	3.8	2.2		6.4		3.8		
2.11						0.77					2.2	1.8		2.8		2.8		
2.81						0.48					1.2	1.2		2.1		2.1		
3.16											0.82	0.82		1.3		1.3		
3.52		*(3.87)	*(3.68)	*(4.11)		*(2.86)	*(4.43)	*(4.10)										
3.87																		
5.62	0.00	4.0	3.3	10.1	7.5	17.3	10.1	17.3	19.0	30.3	17.9	50.9	20.2					
	0.35				5.3				9.4				18.0		14.6		19.7	
	0.70				3.1		1.5		7.5		4.0		7.5	8.6	10.3	7.5	17.3	
	1.05		<0.25		2.2		0.88		5.5		2.3		4.7	2.3	7.5	4.9	16.2	
	1.41				1.5		0.58		4.0		1.4		4.7	1.4	3.3	3.3	15.1	
	2.11				0.40				2.3		0.78		2.3	1.0	2.1	2.1	8.0	
	2.81								1.4		0.43		1.4	1.0	3.3	1.2	5.1	
	3.52								0.78				1.0	1.0	2.1	1.2	3.1	
	4.22								0.43						1.2	0.83	2.0	
	4.57		*(4.43)		*(4.35)		*(4.64)		*(3.65)		*(5.10)		*(4.71)				1.4	
6.33	0.00	4.2	3.3	10.7	8.1	18.4	10.3	18.4	20.1	32.2	18.2	53.9	20.3					
	0.35				6.0				9.6				18.7		15.4		19.9	
	0.70				3.6		1.9		8.3		4.8		7.5	9.3	13.6	9.3	18.6	
	1.05		0.5		1.9		1.0		4.8		2.9		3.4	3.4	6.1	6.1	16.2	
	1.41		<0.25		0.73		0.73		2.9		2.0		2.1	2.1	4.1	4.1	11.6	
	2.11				0.51				2.0		1.2		1.3	1.3	2.7	2.7	6.9	
	2.81				0.38				1.2		0.75		1.3	1.8	1.8	4.7		
	3.52								0.75						1.8	1.8	3.3	
	4.22								0.41						1.0	1.0	1.9	
	4.92		*(4.99)		*(4.99)		*(5.20)		*(3.81)		*(5.66)		*(5.34)				1.4	
5.27																		
7.03	0.00	4.4	3.3	11.3	8.4	19.3	10.3	19.3	20.9	33.9	18.5	56.9	20.5					
	0.35				6.5				9.8				20.1		16.6		20.3	
	0.70				4.2		2.2		8.9		5.7		8.8	10.9	14.3	10.9	19.8	
	1.05		0.5		2.2		1.2		5.7		3.6		4.8	4.8	6.8	6.8	18.0	
	1.41		<0.25		0.91		0.91		3.6		2.5		2.8	2.8	5.1	5.1	15.5	
	2.11				0.67				2.5		1.6		1.8	1.8	3.6	3.6	8.5	
	2.81				0.51				1.6		1.0		1.8	1.8	2.4	2.4	6.1	
	3.52				0.37				1.0						1.6	1.6	4.4	
	4.22								1.0						0.96	0.96	3.1	
	4.92		*(5.55)		*(5.52)		*(5.83)		*(4.19)		*(6.33)		*(5.98)				1.8	
5.62																		
8.44	0.00	4.8	3.3	12.4	9.2	21.2	10.7	21.2	23.0	37.1	19.0	62.3	20.7					
	0.35				7.2				10.3				22.2		18.1		20.4	
	0.70				5.2		2.9		9.9		7.2		12.3	13.0	15.8	13.0	20.0	
	1.05				2.9		1.8		7.2		5.0		7.0	7.0	8.7	8.7	18.8	
	1.41		<0.25		1.2		1.2		5.0		3.6		3.9	3.9	6.5	6.5	18.1	
	2.11				0.95				3.6		2.7		2.6	2.6	5.1	5.1	12.8	
	2.81				0.72				2.7		1.9		1.9	1.9	3.6	3.6	8.5	
	3.52				0.58				1.9		1.3		1.4	1.4	2.9	2.9	6.4	
	4.22				0.47				1.3		0.95				2.0	2.0	5.1	
	4.92		*(6.68)		*(6.81)		*(7.01)		*(5.00)		*(7.52)		*(7.17)				2.8	
5.62										1.7								
6.33																		
7.03																		

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

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Injector Performance Table

Air Suction Capacity (METRIC)

REV 2014

Operating Pressure kg/cm ²		Model 784 20mm Threads		Model 878-03 25mm Threads		Model 885X-03 25mm Threads		Model 978-03 25mm Threads		Model 1078-03 25mm Threads		Model 1583 40mm 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	16.3	5.5	13.2	7.0	12.8	8.6	15.4	8.7	19.9	11.4	38.9	18.6
	0.07		4.6		2.5		4.2		2.4		3.0		8.0
	0.14		2.2		0.73		0.69		0.86		1.2		1.8
	0.21		1.0		0.19				0.42		0.70		0.98
	0.28		*(0.32)		0.46		*(0.28)		*(0.28)		*(0.27)		*(0.28)
0.70	0.00	23.1	9.1	18.7	16.0	18.1	12.7	21.7	14.1	28.1	18.9	55.0	40.2
	0.14		7.4		4.0		7.1		5.2		7.6		12.2
	0.35		2.7		1.3		0.87		1.4		1.9		3.9
	0.49		0.94		0.42				0.60		0.73		1.9
	0.56		*(0.63)		0.44		*(0.61)		*(0.53)		*(0.63)		*(0.57)
1.05	0.00	28.3	13.6	22.9	17.0	22.2	18.1	26.6	17.9	34.4	22.9	67.4	54.2
	0.35		7.8		3.5		3.7		4.1		6.1		10.2
	0.49		4.1		1.8		1.6		2.6		3.7		6.5
	0.70		1.9		0.35				1.1		1.5		2.9
	0.84		*(0.91)		0.90		*(0.88)		*(0.77)		*(0.94)		*(0.92)
1.41	0.00	32.7	15.9	26.5	20.9	25.6	22.2	30.8	20.8	39.7	25.9	77.8	62.8
	0.35		10.0		5.9		6.4		6.8		10.4		16.8
	0.70		3.8		2.0		1.7		2.8		4.0		7.0
	0.84		2.3		1.2				1.9		2.6		4.4
	1.05		*(1.23)		1.1		*(1.16)		*(0.98)		*(1.18)		*(1.22)
1.76	0.00	36.5	18.9	29.6	21.1	28.7	26.9	34.4	22.6	44.4	28.7	87.0	65.8
	0.35		13.7		8.2		13.1		8.8		15.7		23.0
	0.70		6.6		3.2		3.3		4.1		6.7		11.1
	1.05		1.5		1.6		1.3		2.1		3.5		5.5
	1.41		*(1.57)		0.58		*(1.48)		*(1.20)		*(1.46)		*(1.54)
2.11	0.00	40.0	22.7	32.5	24.0	31.4	31.5	37.7	23.5	48.7	33.3	95.3	74.7
	0.35		15.3		12.3		21.8		12.5		21.9		26.7
	0.70		9.6		5.3		5.8		5.9		9.6		14.5
	1.05		4.5		3.0		2.6		3.4		5.3		7.7
	1.41		2.0		1.4		0.98		1.8		2.8		4.2
	1.76		*(1.86)		0.98		*(1.84)		*(1.44)		*(1.86)		*(1.83)
2.46	0.00	43.2	21.9	35.1	24.5	33.9	41.2	40.7	22.7	52.6	34.9	103	76.1
	0.35		17.9		16.2		12.9		13.7		24.9		32.2
	0.70		14.0		6.6		7.5		7.6		11.6		17.1
	1.05		7.1		4.0		3.7		5.2		6.4		10.3
	1.41		3.8		2.2		2.0		3.2		4.2		6.3
	1.76		*(2.18)		1.9		*(2.12)		*(1.69)		*(2.13)		*(2.11)
2.81	0.00	46.2	25.0	37.5	26.3	36.3	38.1	43.5	24.5	56.2	37.7	110	81.8
	0.35		21.1		19.1		18.5		18.2		27.3		37.3
	0.70		16.9		8.3		10.0		9.5		14.8		20.4
	1.05		9.6		5.5		5.3		6.2		8.9		13.4
	1.41		5.4		3.1		3.2		4.0		6.1		8.9
	1.76		3.3		2.2		2.1		2.6		3.8		5.7
2.11	*(2.39)	1.4	*(2.42)	*(1.90)	*(2.41)	*(2.42)	*(2.35)						
3.16	0.00	49.0	26.6	39.7	31.5	38.5	36.4	46.1	25.8	59.6	40.5	117	91.7
	0.35		22.7		19.9		22.9		20.0		29.6		46.0
	0.70		18.2		9.8		12.8		11.0		18.1		24.2
	1.05		13.7		6.0		6.9		7.6		10.9		16.0
	1.41		7.0		4.2		4.3		5.2		7.4		11.0
	1.76		4.4		2.4		3.0		3.4		5.3		7.6
	2.11		2.8		1.9		1.6		2.2		3.3		6.1
	2.46		*(2.67)		1.2		*(2.70)		*(2.18)		*(2.72)		*(2.72)
3.52	0.00	51.6	27.4	41.9	30.6	40.5	39.5	48.6	28.8	62.8	41.4	123	92.0
	0.35		24.5		23.0		23.4		22.8		31.3		51.6
	0.70		20.3		11.2		15.2		12.7		19.9		27.8
	1.05		16.8		7.6		8.3		9.1		12.1		19.5
	1.41		9.6		4.9		5.3		6.4		7.6		13.3
	1.76		6.4		3.9		3.5		4.7		6.0		8.9
	2.11		4.3		2.1		2.3		3.2		4.1		6.5
	2.46		2.8		2.0				2.1		2.5		4.6
	2.81		*(3.01)		1.3		*(2.97)		*(2.53)		*(2.96)		*(3.09)

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Injector Performance Table

Air Suction Capacity (METRIC)

REV 2014

Operating Pressure kg/cm ²		Model 784 20mm Threads		Model 878-03 25mm Threads		Model 885X-03 25mm Threads		Model 978-03 25mm Threads		Model 1078-03 25mm Threads		Model 1583 40mm 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	56.6	28.0	45.9	33.6	44.4	56.8	53.3	34.5	68.8	43.1	135	101
	0.35		27.1		25.9		27.5		26.9		36.0		70.9
	0.70		23.3		15.8		21.3		17.6		27.1		35.6
	1.05		20.8		9.5		10.8		11.6		16.3		24.8
	1.41		16.5		6.9		7.7		8.5		11.5		18.6
	2.11		7.3		3.6		4.1		5.0		6.6		9.8
	2.46		4.9		2.7		3.1		3.7		4.8		7.9
	2.81		3.8		2.0		1.4		2.6		3.4		5.6
	3.16		2.3		1.1		0.7		1.7		2.1		4.9
	*(3.52)		*(3.60)		*(3.02)		*(3.62)		*(3.59)		*(3.47)		
4.92	0.00	61.1	28.3	49.6	36.3	48.0	63.9	57.5	34.7	74.3	47.4	146	113
	0.35		28.2		28.3		29.9		29.6		38.5		89.2
	0.70		25.8		19.2		21.8		23.2		31.8		47.3
	1.05		23.4		12.0		14.1		15.1		21.8		31.7
	1.41		21.8		9.0		10.6		10.8		15.0		22.5
	2.11		10.5		5.3		6.0		7.0		9.2		12.9
	2.81		6.3		3.2		3.6		4.3		5.8		8.5
	3.16		4.6		2.3		2.5		3.2		4.1		5.9
	3.52		3.5		1.9				2.2		3.3		5.6
3.87	1.9	1.0		1.3	2.1	5.2							
	*(4.10)		*(4.10)		*(3.59)		*(4.22)		*(4.14)		*(3.99)		
5.62	0.00	65.3	28.7	53.0	38.3	51.3	72.9	61.5	36.0	79.5	49.8	156	117
	0.35		28.3		30.6		28.8		31.8		42.2		93.5
	0.70		27.3		23.5		26.0		26.3		35.3		51.1
	1.05		25.5		14.6		16.1		17.9		27.2		34.2
	1.41		24.3		10.9		13.5		13.1		18.6		27.7
	2.11		16.1		6.6		7.6		8.9		11.6		17.7
	2.81		8.6		4.2		4.7		5.4		8.0		11.2
	3.52		5.5		2.7		2.9		3.5		4.8		7.1
	4.22		2.9		1.8				1.9		2.9		5.8
4.57	1.6	1.1		1.7	2.1	4.1							
	*(4.71)		*(4.75)		*(4.01)		*(4.75)		*(4.82)		*(4.92)		
6.33	0.00	69.3	29.2	56.2	40.2	54.4	79.3	65.2	41.4	84.3	53.2	165	123
	0.35		29.2		32.8		32.2		32.9		45.4		98.3
	0.70		29.1		26.6		29.1		28.8		38.5		65.8
	1.41		26.5		12.7		16.5		15.6		23.0		33.6
	2.11		22.7		8.1		9.3		10.6		13.8		22.3
	2.81		11.9		5.7		6.1		7.5		9.8		14.8
	3.52		7.7		3.7		4.1		4.6		7.0		10.3
	4.22		5.2		2.4		2.1		3.4		4.3		6.0
	4.92		2.7		1.6				2.0		2.7		3.3
5.27	1.7	1.0		1.7	2.0								
	*(5.34)		*(5.32)		*(4.64)		*(5.37)		*(5.41)		*(5.14)		
7.03	0.00	73.0	29.2	59.3	41.85	57.3	87.3	68.8	42.9	88.8	55.0	174	131
	0.35		29.6		34.1		34.6		35.9		48.6		109
	0.70		29.0		29.6		30.7		31.8		41.4		78.5
	1.41		27.5		14.6		20.1		18.4		29.6		38.1
	2.11		24.8		9.5		11.3		13.0		17.5		26.0
	2.81		16.8		6.8		7.5		9.0		12.1		18.1
	3.52		9.8		4.7		5.3		6.2		8.5		12.5
	4.22		6.8		3.4		3.6		4.6		5.9		9.0
	4.92		4.5		2.4				3.2		3.9		8.2
5.62	2.3	1.3		2.1	2.6	6.3							
	*(5.98)		*(5.94)		*(5.13)		*(5.98)		*(6.05)		*(5.72)		
8.44	0.00	80.0	29.9	64.9	46.3	62.8	98.8	75.3	44.3	97.3	58.8	191	139
	0.35		30.0		38.2		37.6		38.6		52.3		117
	0.70		29.8		33.4		34.5		33.8		46.2		102
	1.41		29.5		19.7		24.9		22.8		36.7		50.5
	2.11		27.0		12.3		13.4		15.7		22.1		33.5
	2.81		26.0		9.0		10.1		11.3		15.8		25.1
	3.52		16.2		6.8		7.9		7.5		11.8		18.7
	4.22		10.6		5.1		5.4		6.3		9.0		13.8
	4.92		7.8		3.7		4.6		4.7		6.6		9.7
5.62	5.5	2.7	1.8	3.6	4.8	9.3							
6.33	3.4	2.1		2.6	3.1	7.6							
7.03		1.1		1.8	2.4								
	*(7.17)		*(7.14)		*(5.98)		*(7.24)		*(7.17)		*(6.92)		

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Injector Performance Table

Air Suction Capacity (METRIC)

REV 2016-07

Operating Pressure kg/cm ²		Model 1584 40mm Threads		Model 1585X 40mm Threads		Model 1587 40mm Threads		Model 2081 50mm Threads		Model 3090 80mm Threads		Model 4091 100mm 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	22.1	38.9	26.6	64.2	31.1	117	50.0	287	128	553	441
	0.07		18.8		5.6		10.3						192
	0.14		15.0		3.2		7.4						73.6
	0.21		9.7				4.1						28.3
	0.28		5.0										
	*(0.29)		*(0.25)		*(0.29)		*(0.29)		*(0.29)				
0.70	0.00	96.6	46.2	55.0	30.6	90.8	60.3	164	109	402	194	715	767
	0.14		34.1		9.4		28.8		305				
	0.35		17.5		5.5		10.2		76.4				
	0.49		9.7				4.6		31.1				
	0.56		5.9				2.3						
	*(0.60)		*(0.46)		*(0.61)		*(0.63)		*(0.60)				
1.05	0.00	118	67.9	67.4	55.3	111	72.5	205	205	490	376	871	1,149
	0.35		33.8		8.8		20.1		198				
	0.49		21.5		5.5		12.6		110				
	0.70		11.2				6.4		50.9				
	0.84		4.4				4.2						
	*(0.91)		*(0.66)		*(0.95)		*(0.94)		*(0.95)				
1.41	0.00	137	80.2	77.8	61.7	128	81.6	233	268	566	508	1,011	1,308
	0.35		48.2		14.6		30.3		351				
	0.70		19.3		6.0		12.0		124				
	0.84		14.7		3.0		8.8		79.2				
	1.05		5.9				5.6		42.4				
	*(1.20)		*(0.89)		*(1.20)		*(1.23)		*(1.20)				
1.76	0.00	153	87.3	87.0	68.6	143	92.3	259	312	632	617	1,120	1,534
	0.35		60.8		22.9		42.9		498				
	0.70		31.0		9.5		20.5		203				
	1.05		15.6		3.8		9.0		96.2				
	1.41		5.6				4.6		39.6				
	*(1.51)		*(1.08)		*(1.55)		*(1.57)		*(1.51)				
2.11	0.00	167	91.5	95.3	79.8	157	108	285	339	693	700	1,226	1,778
	0.35		72.1		28.7		54.0		920				
	0.70		46.9		12.1		25.8		297				
	1.05		25.6		6.9		14.1		150				
	1.41		13.4				8.2		82.1				
	*(1.83)		*(1.36)		*(1.80)		*(1.83)		*(1.79)				
2.46	0.00	181	97.2	103	82.8	170	108	304	367	745	776	1,329	1,747
	0.35		81.8		36.9		67.7		1,098				
	0.70		58.2		16.1		33.4		362				
	1.05		34.1		9.7		19.6		223				
	1.41		18.7		4.9		12.7		127				
	*(2.14)		*(1.58)		*(2.04)		*(2.14)		*(2.07)				67.9
2.81	0.00	193	100	110	83.5	181	120	328	381	800	836	1,416	1,905
	0.35		89.0		41.2		89.5		1,257				
	0.70		69.7		21.3		40.9		453				
	1.05		46.6		11.7		24.7		294				
	1.41		28.1		7.8		17.0		189				
	*(2.46)		*(1.79)		*(2.33)		*(2.36)		*(2.28)				116
3.16	0.00	205	104	117	108	193	126	347	396	846	890	1,503	2,030
	0.35		93.2		49.7		98.1		1,353				
	0.70		74.4		24.1		43.0		557				
	1.05		52.4		15.3		27.7		348				
	1.41		34.8		10.1		18.8		246				
	*(2.78)		*(2.02)		*(2.88)		*(2.67)		*(2.53)				161
3.52	0.00	216	106	123	96.1	203	127	365	409	893	932	1,586	2,120
	0.35		98.1		61.1		104		1,458				
	0.70		82.8		26.7		52.6		764				
	1.05		62.8		17.9		33.3		402				
	1.41		45.6		12.9		24.4		305				
	*(2.99)		*(2.28)		*(2.88)		*(2.92)		*(2.85)				212
													141
													87.7
													28.7

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Injector Performance Table

Air Suction Capacity (METRIC)

REV 2016-07

Operating Pressure kg/cm ²		Model 1584 40mm Threads		Model 1585X 40mm Threads		Model 1587 40mm Threads		Model 2081 50mm Threads		Model 3090 80mm Threads		Model 4091 100mm 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	112	135	109	222	144	400	428	974	1,015	1,730	2,248
	0.35		103		85.9		118		389		897		1,642
	0.70		90.1		36.7		76.4		249		644		1,489
	1.05		74.4		24.3		45.3		149		282		546
	1.41		56.9		16.8		33.8		107		198		393
	2.11		32.2		8.7		19.0		53.8		104		249
	2.46		25.0		4.7		15.0		41.5		73.6		178
	2.81		17.5				11.0		29.3		54.3		121
	3.16		12.2				10.3		22.2		40.6		79.2
	*(3.62)		*(2.69)		*(3.51)		*(3.52)		*(3.44)				
4.92	0.00	255	115	146	123	432		432	433	1,050		1,870	2,282
	0.35		109		100				416		1,060		1,798
	0.70		98.1		42.6				324		883		1,602
	1.05		84.5		28.3				184		375		756
	1.41		71.1		21.9				141		260		506
	2.11		43.4		12.6				80.2		149		334
	2.81		26.6		5.8				43.9		85.9		198
	3.16		20.3						34.0		64.7		144
	3.52		15.6						26.0		49.6		96.2
3.87	10.0			20.8	37.3	76.4							
	*(4.22)		*(3.14)		*(4.11)		*(4.11)		*(4.11)				
5.62	0.00	273	117	156	130	464		464	431	1,126		2,006	2,302
	0.35		113		110				381		1,095		1,891
	0.70		105		56.7				243		996		1,868
	1.05		94.2		37.4				182		571		1,359
	1.41		82.2		27.8				110		334		597
	2.11		55.3		16.2				59.5		199		387
	2.81		37.6		10.4				40.1		120		269
	3.52		23.1		0.69				24.1		72.2		152
	4.22		13.1						19.8		44.8		84.9
4.57	8.4				36.8	67.9							
	*(4.78)		*(3.59)		*(4.68)		*(4.75)		*(4.75)				
6.33	0.00	290	118	165	137	490		490	437	1,194		1,194	
	0.35		116		110				372		1,083		
	0.70		110		65.2				212		944		
	1.41		91.4		31.0				142		407		
	2.11		67.1		19.7				88.7		244		
	2.81		46.2		13.0				52.9		157		
	3.52		32.2		6.2				36.3		99.1		
	4.22		21.8						22.7		59.9		
	4.92		12.5						18.9		41.5		
5.27	8.4				33.0								
	*(5.41)		*(4.04)		*(5.33)		*(5.38)		*(5.38)				
7.03	0.00	305	118	174	150	519		519	439	1,258		1,258	
	0.35		119		118				383		1,084		
	0.70		115		89.0				252		991		
	1.41		98.4		36.2				169		533		
	2.11		79.4		24.3				114		295		
	2.81		57.5		15.8				68.0		200		
	3.52		42.1		10.3				45.3		131		
	4.22		29.1		3.3				33.0		82.1		
	4.92		20.0						21.7		58.1		
5.62	11.8				40.1								
	*(6.05)		*(4.44)		*(5.77)		*(5.98)		*(5.98)				
8.44	0.00	334	122	191	159	568		568	439	1,376		1,376	
	0.35		121		123				387		1,107		
	0.70		120		110				321		1,048		
	1.41		112		47.3				228		755		
	2.11		98.4		30.6				164		397		
	2.81		80.1		21.8				119		283		
	3.52		61.5		16.7				78.4		202		
	4.22		46.6		10.4				51.9		140		
	4.92		35.7		3.9				40.1		95.3		
5.62	25.9			28.3	67.5								
6.33	17.5			20.3	49.6								
7.03	10.3				39.2								
	*(7.24)		*(5.29)		*(7.06)		*(7.17)		*(7.17)				

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