

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)		0.23
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)		0.45
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)		1.3
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)		1.2
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)	0.57	*(1.44)	*(1.83)	1.1	*(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)	1.9	*(1.69)	*(2.11)	2.9	*(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)	1.7	*(1.90)	*(2.42)	2.6	*(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)	1.3	*(2.18)	*(2.72)	2.3	*(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)	0.60	*(2.53)	*(3.09)	2.2	*(2.95)	2.5		

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

Copyright © 2016

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

www.mazzei.net