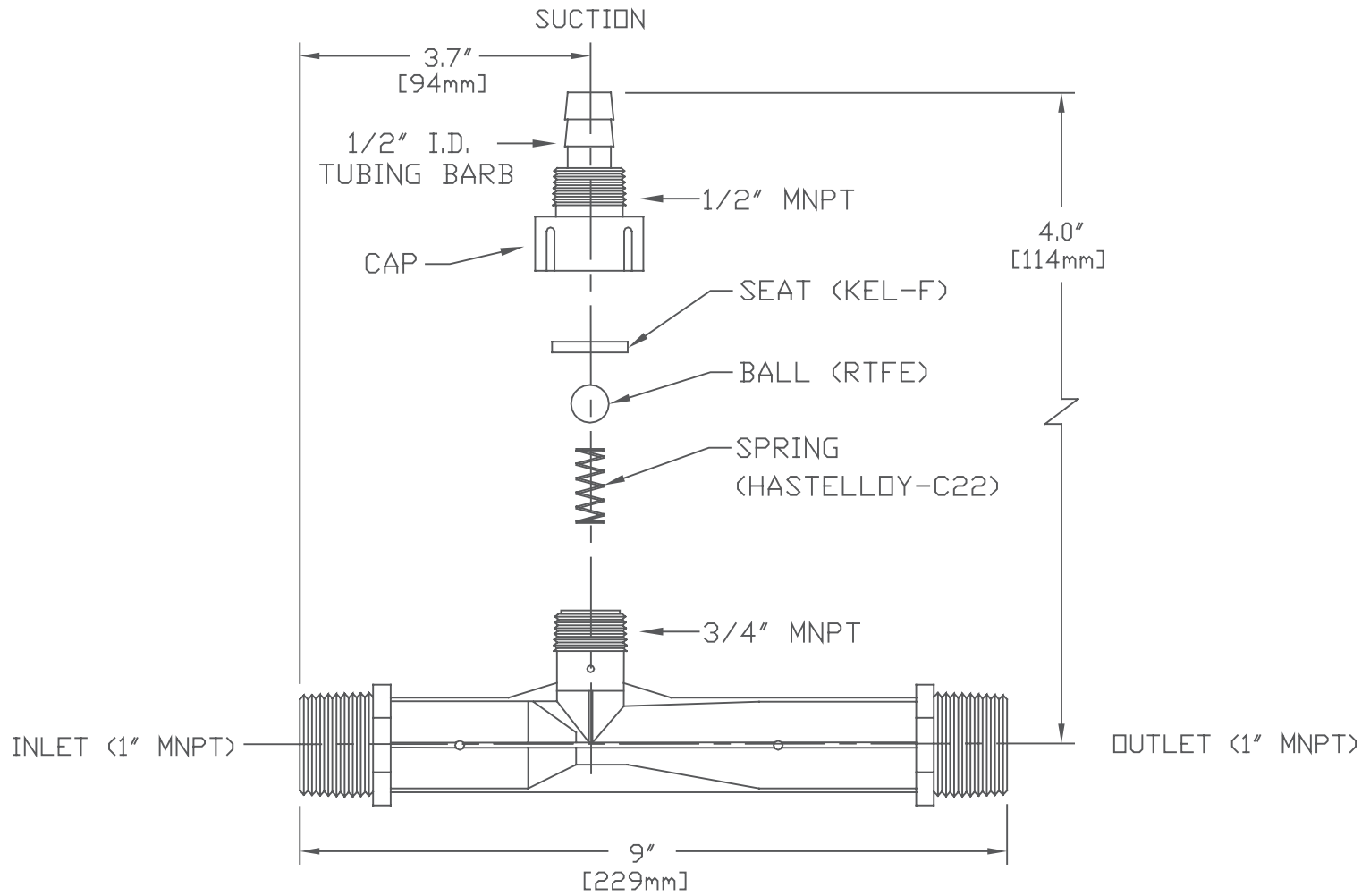



NOTES:

1. INLET AND OUTLET: 1" MNPT OR BSPT (ISO-R)
2. SUCTION PORT: 1/2" (ID) TUBING BARB OR 1/2" MNPT
3. MATERIAL OF CONSTRUCTION: GLASS REINFORCED POLYPROPYLENE OR PVDF (KYNAR)
4. MAXIMUM TEMPERATURE RATING:
 - POLYPROPYLENE: 150 F. (65.5 C.)
 - PVDF: 200 F. (93.3 C.)
5. MAXIMUM PRESSURE RATING: AT 68 F. (20 C.)
 - POLYPROPYLENE: 150 PSIG (10.3 BAR)
 - PVDF: 200 PSIG (13.8 BAR)



DISCLAIMER: Any recommendations for particular products and/or system design, whether contained in a document, within this drawing, communicated by electronic means, or given verbally, are intended solely as guides to actual system design. Said recommendations are based upon information supplied by others, the accuracy of which is beyond verification by Mazzei Injector Corp. (MIC). Likewise, the actual operation of any system utilizing the products or recommendations of MIC is equally beyond the control of MIC. Therefore, MIC cannot, and does not, warrant the suitability of its products for a particular service nor the performance of any system containing components made or sold by MIC.

 Mazzei Injector Company, LLC 500 Rooster Drive, Bakersfield, CA 93307 Tel: 661.363.6500 Fax: 661.363.7500	DATE	2-23-04	TITLE			
	DRAWN BY	JRM	MODEL 1078-02 INJECTOR			
	REVISED					
	REVISED BY		NUMBER	JRM-275	SIZE	REV.
	SCALE	NONE	MATERIALS:	SEE NOTES	PAGE (1) OF (1)	

Mazzei Injector Company, LLC- Injector Performance Table									
Injector Model				1078					
Operating Pressure kg/cm2		Water Suction		Operating Pressure kg/cm2		Water Suction			
Injector Inlet	Injector Outlet	Motive Flow l/min	Water Suction LPH	Injector Inlet	Injector Outlet	Motive Flow l/min	Water Suction LPH		
0.35	0.00	20.7	384.3	4.22	0.00	71.8	350.9		
	0.07		175.7		0.35		350.9		
	0.14		83.9		0.70		350.9		
	0.21		10.3		1.05		350.9		
	0.28				1.41		350.9		
0.70	0.00	29.3	400.4				2.11		352.3
	0.14		286.5		2.46		347.2		
	0.35		158.2		2.81		292.0		
	0.49		72.6		3.16		168.1		
	0.56		16.7						
1.05	0.00	35.9	383.6	4.92	0.00	77.5	353.4		
	0.35		302.5		0.35		353.4		
	0.49		244.7		0.70		353.4		
	0.70		129.8		1.41		353.4		
	0.84		64.3		2.11		353.8		
1.41	0.00	41.5	371.8				2.81		349.5
	0.35		361.3		3.16		309.8		
	0.70		264.9		3.52		206.4		
	0.84		195.0		3.87		109.0		
	1.05		114.8						
1.76	0.00	46.3	363.2	5.62	0.00	82.9	355.4		
	0.35		365.9		0.35		355.4		
	0.70		338.5		0.70		355.4		
	1.05		258.1		1.41		355.4		
	1.41		120.6		2.11		355.4		
2.11	0.00	50.8	357.1				2.81		358.7
	0.35		357.6		3.52		346.5		
	0.70		357.6		4.22		200.1		
	1.05		310.6		4.57		125.0		
	1.41		209.8						
2.46	0.00	54.8	355.7	6.33	0.00	87.9	357.6		
	0.35		355.7		0.35		357.6		
	0.70		355.7		0.70		357.6		
	1.05		347.8		1.41		362.0		
	1.41		280.6		2.11		357.1		
2.81	0.00	58.6	352.7				2.81		357.6
	0.35		352.7		3.52		357.6		
	0.70		352.7		4.22		320.6		
	1.05		347.7		4.92		149.9		
	1.41		273.3		5.27		77.9		
3.16	0.00	62.2	352.7	7.03	0.00	92.7	356.5		
	0.35		352.7		0.35		356.5		
	0.70		351.3		0.70		356.5		
	1.05		351.3		1.41		356.5		
	1.41		355.4		2.11		356.5		
3.52	0.00	65.5	351.3				2.81		356.5
	0.35		351.3		3.52		355.7		
	0.70		351.3		4.22		359.3		
	1.05		351.3		4.92		308.0		
	1.41		355.4		5.62		115.8		
3.52	0.00	65.5	329.1	8.44	0.00	101.5	357.5		
	0.35		250.5		0.35		357.5		
	0.70		139.0		0.70		357.5		
	1.05				1.41		357.5		
	1.41		349.9		2.11		357.5		
	1.76		349.9		2.81		357.5		
	2.11		349.9		3.52		357.5		
	2.46		349.9		4.22		360.4		
	2.81		349.7		4.92		357.5		
			327.0		5.62		343.8		
	243.4	6.33	231.7						
	132.6	7.03	84.5						

Mazzei Injector Company, LLC- Injector Performance Table									
Injector Model				1078					
Operating Pressure kg/cm2		Air Suction		Operating Pressure kg/cm2		Air Suction			
Injector Inlet	Injector Outlet	Motive Flow l/min	Air Suction l/min	Injector Inlet	Injector Outlet	Motive Flow l/min	Air Suction l/min		
0.35	0.00	19.9	11.5	4.22	0.00	68.8	43.2		
	0.07		3.0		0.35		36.0		
	0.14		1.3		0.70		27.2		
	0.21		0.7		1.05		16.3		
	0.28				1.41		11.5		
0.70	0.00	28.1	18.9		4.92		2.11	74.3	6.6
	0.14		7.6				2.46		4.9
	0.35		2.0				2.81		3.5
	0.49		0.7				3.16		2.1
	0.56						0.00		47.4
1.05	0.00	34.4	22.9	5.62		0.35	79.5		38.6
	0.35		6.2			0.70			31.9
	0.49		3.7			1.05			21.9
	0.70		1.6			1.41			15.0
	0.84		1.0			2.11			9.3
1.41	0.00	39.7	26.0		6.33	2.81		84.3	5.9
	0.35		10.5			3.16			4.1
	0.70		4.0			3.52			3.3
	0.84		2.7			3.87			2.1
	1.05		1.5			0.00			49.9
1.76	0.00	44.4	28.8	7.03		0.35	88.8		42.3
	0.35		15.7			0.70			35.3
	0.70		6.8			1.05			27.3
	1.05		3.6			1.41			18.6
	1.41		1.6			2.11			11.7
2.11	0.00	48.7	33.3		8.44	2.81		97.3	8.0
	0.35		21.9			3.52			4.8
	0.70		9.7			4.22			3.0
	1.05		5.3			4.57			2.1
	1.41		2.9			0.00			53.2
	1.76		1.1	0.35		45.5			
2.46	0.00	52.6	34.9	8.44		0.70	97.3		38.6
	0.35		25.0			1.41			23.1
	0.70		11.7			2.11			13.9
	1.05		6.5			2.81			9.8
	1.41		4.3		3.52	7.0			
	1.76		2.6		4.22	4.3			
2.81	0.00	56.2	37.7		8.44	4.92		97.3	2.8
	0.35		27.3			5.27			2.0
	0.70		14.8			0.00			55.1
	1.05		8.9			0.35			48.6
	1.41		6.2	0.70		41.4			
	1.76		3.8	1.41		29.7			
3.16	2.11	59.6	2.1	8.44		2.11	97.3		17.5
	0.00		40.6			2.81			12.2
	0.35		29.7			3.52			8.5
	0.70		18.1			4.22			6.0
	1.05		11.0		4.92	4.0			
	1.41		7.5		5.62	2.6			
	1.76		5.3		0.00	58.9			
3.52	2.11	62.8	3.3		8.44	0.35		97.3	52.4
	2.46		2.1			0.70			46.2
	0.00		41.4			1.41			36.7
	0.35		31.4	2.11		22.2			
	0.70		20.0	2.81		15.9			
	1.05		12.1	3.52		11.8			
	1.41		7.6	4.22		9.1			
	1.76		6.0	4.92		6.7			
	2.11		4.1	5.62		4.9			
2.46	2.5	6.33	3.2						
2.81	1.5	7.03	2.4						