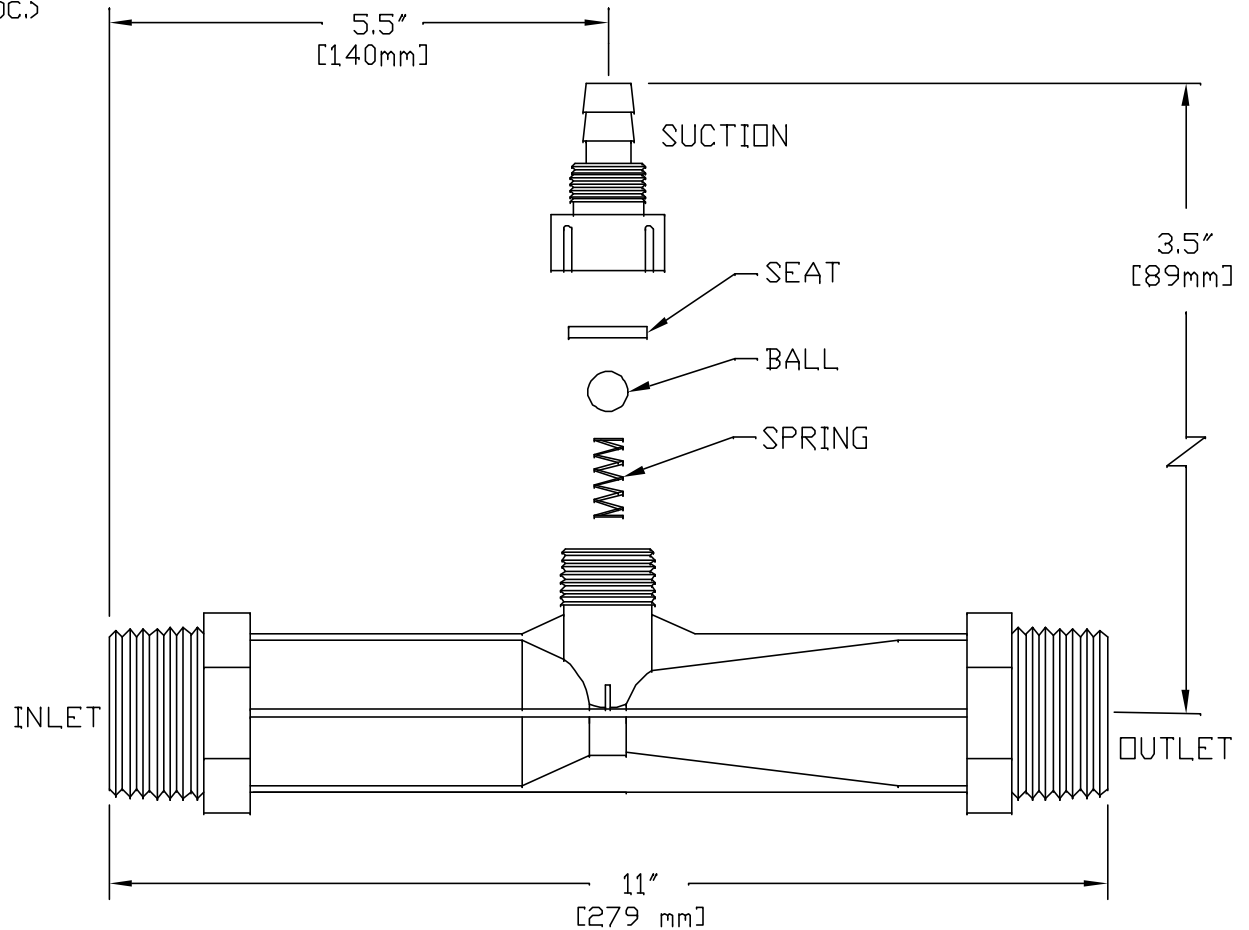


NOTES:

1. INLET & OUTLET: 1.5" MNPT OR BSPT (ISO-R)
2. SUCTION PORT: 1/2" TUBING BARB SHANK OR 1/2" MNPT WITH BUILT-IN CHECK VALVE WITH TEFLON BALL, KEL-F SEAT AND HASTELLOY-C SPRING
3. MATERIAL: 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. (20C.)
 POLYPROPYLENE: 150 PSIG (10.3 BAR)
 PVDF: 200 PSIG (13.8 BAR)



Covered By United States Patent No. 5,863,128
 International Patents Pending



DATE	12-19-00	TITLE	
DRAWN BY	JRM	MODEL 1584-A INJECTOR	
REVIEWED BY	RST	NUMBER	SIZE
SCALE	NONE	JRM-20	REV.
MATERIALS: SEE NOTES		PAGE (1) OF (1)	

Mazzei Injector Corporation - Injector Performance Table							
Injector Model				1584			
Operating Pressure PSIG		Air Suction		Operating Pressure PSIG		Air Suction	
Injector Inlet	Injector Outlet	Motive Flow GPM	Air Suction SCFH	Injector Inlet	Injector Outlet	Motive Flow GPM	Air Suction SCFH
5	0	18	47	60	0	62	238
	2		32		5		219
	3		21		10		191
	4		11		15		158
					20		121
10	0	26	98	70	30	68	68
	2		72		35		53
	5		37		40		37
	7		21		45		26
	8		13		0		244
15	0	31	144	80	5	72	232
	5		72		10		208
	7		46		15		179
	10		24		20		151
	12		9		30		92
20	0	36	170	90	40	77	56
	5		102		45		43
	10		41		50		33
	12		31		55		21
	15		13		0		248
25	0	40	185	100	5	81	240
	5		129		10		223
	10		66		15		200
	15		33		20		174
	20		12		30		117
30	0	44	194	120	40	88	80
	5		153		50		49
	10		99		60		28
	15		54		65		18
	20		29		0		250
35	0	48	206	150	5	91	247
	5		173		10		234
	10		123		20		194
	15		72		30		142
	20		40		40		98
40	0	51	212	180	50	94	68
	5		189		60		46
	10		148		70		27
	15		99		75		18
	20		60		0		252
45	0	54	222	210	5	97	252
	5		198		10		245
	10		158		20		209
	15		111		30		168
	20		74		40		122
50	0	57	226	240	50	100	89
	5		208		60		62
	10		176		70		42
	15		133		80		25
	20		97		0		260
55	0	60	238	270	5	103	258
	5		208		10		255
	10		176		20		237
	15		133		30		209
	20		97		40		170
60	0	63	244	300	50	106	130
	5		214		60		99
	10		172		70		76
	15		130		80		55
	20		91		90		37
65	0	66	248	330	100	109	22
	5		218				
	10		176				
	15		134				
	20		95				

Mazzei Injector Corporation - Injector Performance Table									
Injector Model				1584		7/26/04			
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	68	22	4.22	0.00	237	112		
	0.14		15		0.35		103		
	0.21		10		0.70		90		
	0.28		5		1.05		74		
0.70	0.00	97	46		1.41		57	256	32
	0.14		34		2.11		25		
	0.35		18		2.46		18		
	0.49		10		2.81		12		
	0.56		6		3.16		12		
1.05	0.00	118	68		4.92		0.00	256	115
	0.35		34	0.35		110			
	0.49		22	0.70		98			
	0.70		11	1.05		85			
	0.84		4	1.41		71			
1.41	0.00	137	80	2.11		43	273		27
	0.35		48	2.81		20			
	0.70		19	3.16		16			
	0.84		15	3.52		10			
	1.05		6	3.87		10			
1.76	0.00	153	87	5.62	0.00	273	117		
	0.35		61		0.35		113		
	0.70		31		0.70		105		
	1.05		16		1.05		94		
	1.41		6		1.41		82		
2.11	0.00	167	92		2.11		55	290	38
	0.35		72		2.81		23		
	0.70		47		3.52		13		
	1.05		26		4.22		8		
	1.41		13		4.57		8		
2.46	0.00	181	97	6.33	0.00	290	118		
	0.35		82		0.35		116		
	0.70		58		0.70		111		
	1.05		34		1.41		91		
	1.41		19		2.11		67		
2.81	0.00	193	100		2.81		46	305	32
	0.35		89		3.52		22		
	0.70		70		4.22		13		
	1.05		47		4.92		8		
	1.41		28		5.27		8		
3.16	0.00	205	105	7.03	0.00	305	119		
	0.35		93		0.35		119		
	0.70		74		0.70		116		
	1.05		52		1.41		98		
	1.41		35		2.11		79		
	1.76		23		2.81		58		
	2.11		15		3.52		42		
2.46	10	4.22	29						
3.52	0.00	216	107		4.92		20	335	123
	0.35		98		5.62		12		
	0.70		83	0.00	123				
	1.05		63	0.35	122				
	1.41		46	0.70	121				
	1.76		32	1.41	112				
	2.11		22	2.11	98				
	2.46		15	2.81	80				
2.81	9	3.52	62						
				4.22	47				
				4.92	36				
				5.62	26				
				6.33	18				
				7.03	10				