

## Mazzei Model 584-C Injector

Operating Pressure		Metric			
Injector Inlet (Kg/cm2)	Injector Outlet (Kg/cm2)	Model 584-C		Model 584-C	
		Motive Flow (l/m)	Liquid Suction (l/m)	Motive Flow (l/m)	Air Suction (l/m)
0.35	0.00	10.6	1.64	7.4	6.1
	0.07	8.7	0.88	7.4	2.8
	0.14	7.9	0.57	7.4	0.5
	0.21	7.6	0.25	7.3	<0.5
	0.28				
Kg/cm2@0 Vac		7.2	(0.28)		
0.70	0.00	13.2	1.70	10.3	8.0
	0.14	12.1	1.45	10.3	2.8
	0.35	10.6	0.57	10.2	<0.5
	0.49	10.2	0.25		
	0.56				
Kg/cm2@0 Vac		9.8	(0.56)		
1.05	0.00	14.8	1.70	12.6	10.4
	0.35	13.2	1.01	12.5	1.9
	0.49	12.9	0.76	12.5	0.7
	0.70	12.5	0.32	12.5	<0.5
	0.84				
Kg/cm2@0 Vac		12.1	(0.85)		
1.41	0.00	16.3	1.64	14.6	10.9
	0.35	15.9	1.45	14.5	3.3
	0.70	15.1	0.82	14.5	0.9
	0.84	14.8	0.57	14.4	<0.5
	1.05	14.4	0.13		
Kg/cm2@0 Vac		14.0	(1.13)		
1.76	0.00	18.2	1.64	16.2	11.8
	0.35	18.2	1.64	16.1	5.7
	0.70	17.0	1.20	16.1	1.7
	1.05	16.3	0.69	16.0	<0.5
	1.41				
Kg/cm2@0 Vac		15.9	(1.41)		
2.11	0.00	19.7	1.64	17.7	12.7
	0.35	19.7	1.64	17.6	8.5
	0.70	18.9	1.45	17.6	2.8
	1.05	18.2	1.14	17.5	1.2
	1.41	17.4	0.57	17.5	<0.5
Kg/cm2@0 Vac		17.0	(1.76)		
2.46	0.00	20.8	1.58	19.1	13.7
	0.35	20.8	1.58	19.1	10.4
	0.70	20.8	1.58	19.0	6.1
	1.05	20.1	1.32	19.0	1.7
	1.41	19.3	0.88	19.0	0.7
Kg/cm2@0 Vac		18.5	(1.97)		
2.81	0.00	22.0	1.58	20.4	14.2
	0.35	22.0	1.58	20.4	11.3
	0.70	22.0	1.58	20.3	5.2
	1.05	21.6	1.58	20.3	2.4
	1.41	20.8	1.26	20.3	0.9
	1.76	20.4	0.82	20.3	0.5
	2.11	20.1	0.32	20.2	<0.5
Kg/cm2@0 Vac		19.7	(2.25)		
3.16	0.00	23.1	1.58	21.7	14.6
	0.35	23.1	1.58	21.6	11.8
	0.70	23.1	1.58	21.5	6.1
	1.05	23.1	1.58	21.5	3.3
	1.41	22.7	1.51	21.5	1.7
	1.76	22.0	1.14	21.5	0.7
	2.11	21.6	0.76	21.5	0.5
	2.46	21.2	0.25	21.4	<0.5
Kg/cm2@0 Vac		20.8	(2.61)		
3.52	0.00	24.2	1.58	22.8	15.1
	0.70	24.2	1.58	22.7	8.5
	1.05	24.2	1.58	22.6	4.2
	1.41	23.8	1.58	22.6	2.8
	1.76	23.5	1.51	22.6	1.7
	2.11	23.1	1.20	22.6	1.2
	2.46	22.7	0.69	22.6	0.5
	2.81	22.3	0.13	22.4	<0.5
Kg/cm2@0 Vac		22.0	(2.89)		

Copyright: Mazzei Injector corporation, 500 Rooster Drive, Bakersfield, CA 93307-9555

Operating Pressure		Metric			
Injector Inlet (Kg/cm2)	Injector Outlet (Kg/cm2)	Model 584-C		Model 584-C	
		Motive Flow (l/m)	Liquid Suction (l/m)	Motive Flow (l/m)	Air Suction (l/m)
4.22	0.00	26.1	1.58	25.1	15.6
	0.70	26.1	1.58	25.0	10.9
	1.41	26.1	1.58	24.8	3.8
	1.76	26.1	1.58	24.8	2.4
	2.11	26.1	1.58	24.8	1.7
	2.46	25.4	1.26	24.8	0.9
	2.81	25.0	0.95	24.8	0.5
	3.16	24.6	0.44	24.7	<0.5
Kg/cm2@0 Vac		24.2	(3.52)		
4.92	0.00	28.0	1.58	26.9	16.0
	0.70	28.0	1.58	26.8	12.3
	1.41	28.0	1.58	26.6	5.7
	2.11	28.0	1.58	26.6	2.8
	2.46	28.0	1.58	26.6	1.9
	2.81	27.6	1.45	26.6	1.4
	3.16	27.3	1.07	26.6	0.9
	3.52	26.9	0.69	26.6	0.5
Kg/cm2@0 Vac		26.1	(4.08)		
5.62	0.00	29.5	1.58	28.7	16.5
	1.41	29.5	1.58	28.5	7.1
	2.11	29.5	1.58	28.5	3.8
	2.46	29.5	1.58	28.5	2.8
	2.81	29.5	1.58	28.5	2.1
	3.16	29.1	1.51	28.5	1.7
	3.52	28.8	1.26	28.4	1.4
	3.87	28.4	0.88	28.4	0.9
Kg/cm2@0 Vac		27.6	(4.65)		
6.33	0.00	30.7	1.58	29.7	17.0
	1.41	30.7	1.58	29.5	8.5
	2.11	30.7	1.58	29.5	4.7
	2.81	30.7	1.58	29.5	2.8
	3.16	30.7	1.58	29.5	2.4
	3.52	30.7	1.58	29.4	1.9
	3.87	30.3	1.45	29.4	1.4
	4.22	29.9	1.14	29.4	1.2
Kg/cm2@0 Vac		28.8	(5.21)		
7.03	0.00	33.7	1.58	32.9	17.5
	1.41	33.7	1.58	32.7	10.4
	2.81	33.7	1.58	32.7	3.8
	3.52	33.7	1.58	32.7	2.4
	4.22	33.7	1.58	32.7	1.7
	4.57	33.3	1.39	32.7	1.4
	4.92	32.9	1.01	32.7	1.2
	5.27	32.6	0.76	32.7	0.9
Kg/cm2@0 Vac		31.8	(5.85)		
8.44	0.00	36.7	1.58	36.0	17.9
	2.81	36.7	1.58	35.6	5.7
	4.22	36.7	1.58	35.6	2.8
	5.62	36.3	1.45	35.6	1.4
	6.33	35.6	0.88	35.6	0.9
	6.68	35.2	0.44	35.6	0.7
	7.03				
Kg/cm2@0 Vac		34.8	(7.04)		
9.84	0.00	39.7	1.58	39.0	18.9
	2.81	39.7	1.58	38.6	7.6
	4.22	39.7	1.58	38.6	3.8
	4.92	39.7	1.58	38.6	2.8
	5.62	39.7	1.58	38.6	2.1
	6.33	39.4	1.51	38.6	1.7
	7.03	39.0	1.26	38.6	1.4
	7.73	38.6	0.76	38.6	1.2
Kg/cm2@0 Vac		37.9	(8.38)		