

Mazzei Model 878 Injector

Operating Pressure		Metric			
Injector Inlet (Kg/cm2)	Injector Outlet (Kg/cm2)	Model 878		Model 878	
		Motive Flow (l/m)	Liquid Suction (l/m)	Motive Flow (l/m)	Air Suction (l/m)
0.35	0.00	17.8	3.03	15.9	16.5
	0.07	16.7	2.33	15.5	3.3
	0.14	16.3	1.77	15.5	1.4
	0.21	15.9	1.26	15.5	0.9
	0.28	15.5	0.38	15.1	<0.5
	Kg/cm2@0 Vac	15.1	(0.32)		
0.70	0.00	23.8	4.10	20.4	21.2
	0.14	22.7	2.90	20.4	5.2
	0.35	21.2	1.89	20.4	1.7
	0.49	20.8	1.07	20.4	0.5
	0.56	20.4	0.13	20.1	<0.5
	Kg/cm2@0 Vac	20.1	(0.60)		
1.05	0.00	27.6	4.10	24.6	28.3
	0.35	26.5	3.15	24.6	4.7
	0.49	26.1	2.52	24.6	2.8
	0.70	25.4	1.70	24.6	0.9
	0.84	24.6	0.50	23.8	0.5
	Kg/cm2@0 Vac	23.8	(0.92)		
1.41	0.00	31.0	3.97	28.4	35.4
	0.35	31.0	3.97	28.0	7.5
	0.70	29.9	2.84	28.0	2.8
	0.84	28.8	2.40	28.0	1.9
	1.05	28.4	0.63	27.6	0.9
	Kg/cm2@0 Vac	27.6	(1.20)		
1.76	0.00	33.7	3.97	31.4	40.1
	0.35	33.7	3.97	31.0	11.8
	0.70	32.9	3.66	31.0	4.7
	1.05	32.2	2.52	30.7	2.4
	1.41	31.0	0.57	30.7	0.9
	Kg/cm2@0 Vac	30.7	(1.48)		
2.11	0.00	36.7	3.78	34.8	42.5
	0.35	36.7	3.78	34.4	23.6
	0.70	36.7	3.78	34.4	9.4
	1.05	36.0	3.28	34.4	4.2
	1.41	34.8	1.89	34.4	1.4
	1.76			34.1	0.5
Kg/cm2@0 Vac	34.1	(1.76)			
2.46	0.00	39.0	3.78	37.1	44.8
	0.35	39.0	3.78	37.1	28.3
	0.70	39.0	3.78	36.7	14.2
	1.05	39.0	3.78	36.7	5.7
	1.41	38.2	2.84	36.7	2.8
	1.76	37.1	1.64	36.3	1.4
Kg/cm2@0 Vac	36.3	(2.11)			
2.81	0.00	40.9	3.78	39.7	47.2
	0.35	40.9	3.78	39.7	33.0
	0.70	40.9	3.78	39.7	16.5
	1.05	40.9	3.78	39.7	9.4
	1.41	40.9	3.78	39.7	4.7
	1.76	39.7	2.84	39.4	2.8
	2.11	39.4	1.26	39.0	1.4
	Kg/cm2@0 Vac	38.6	(2.39)		
3.16	0.00	43.5	3.78	41.6	47.2
	0.35	43.5	3.78	41.6	37.7
	0.70	43.5	3.78	41.6	18.9
	1.05	43.5	3.78	41.6	11.8
	1.41	43.5	3.78	41.6	6.1
	1.76	43.1	3.60	41.3	3.8
	2.11	42.4	2.52	41.3	2.4
	2.46	41.6	1.14	41.3	1.4
Kg/cm2@0 Vac	40.9	(2.75)			
3.52	0.00	45.4	3.78	43.9	49.5
	0.70	45.4	3.78	43.9	26.0
	1.05	45.4	3.78	43.9	13.2
	1.41	45.4	3.78	43.9	8.0
	1.76	45.0	3.78	43.9	5.7
	2.11	45.0	3.47	43.9	3.3
	2.46	44.3	2.21	43.9	2.4
	2.81	43.5	0.76	43.5	1.4
Kg/cm2@0 Vac	43.1	(2.96)			

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		Motive Flow (l/m)	Liquid Suction (l/m)	Motive Flow (l/m)	Air Suction (l/m)
4.22	0.00	49.2	3.79	47.7	49.5
	0.70	49.2	3.79	47.7	30.7
	1.41	49.2	3.79	47.3	9.4
	1.76	49.2	3.79	47.3	8.0
	2.11	49.2	3.79	47.3	5.7
	2.46	49.2	3.79	47.3	3.8
	2.81	48.8	3.28	47.3	2.4
	3.16	47.7	1.70	46.9	1.4
	Kg/cm2@0 Vac	46.6	(3.59)		
4.92	0.00	53.0	3.79	51.5	51.9
	0.70	53.0	3.79	51.1	35.4
	1.41	53.0	3.79	51.1	10.4
	2.11	53.0	3.79	51.1	7.1
	2.46	53.0	3.79	51.1	5.2
	2.81	53.0	3.79	51.1	4.2
	3.16	52.2	3.60	51.1	3.3
	3.52	51.9	2.84	51.1	2.4
	3.87	51.1	1.39	50.7	1.4
Kg/cm2@0 Vac	50.3	(4.23)			
5.62	0.00	56.4	3.79	55.3	54.3
	1.41	56.4	3.79	54.9	11.8
	2.11	56.4	3.79	54.9	8.0
	2.46	56.4	3.79	54.9	6.1
	2.81	56.4	3.79	54.9	4.7
	3.16	56.4	3.79	54.9	3.8
	3.52	56.0	3.79	54.9	2.8
	3.87	55.6	3.15	54.9	2.4
	4.22	54.9	1.89	54.9	1.9
4.57	54.1	0.57	54.5	1.4	
Kg/cm2@0 Vac	53.7	(4.72)			
6.33	0.00	59.8	3.79	58.7	56.6
	1.41	59.8	3.79	58.3	12.7
	2.11	59.8	3.79	58.3	9.0
	2.81	59.8	3.79	58.3	6.1
	3.16	59.8	3.79	58.3	4.7
	3.52	59.8	3.79	58.3	3.8
	3.87	59.8	3.79	58.3	3.3
	4.22	59.4	3.79	58.3	2.8
	4.57	58.7	2.96	58.3	2.4
4.92	57.9	1.58	58.3	1.9	
5.27	57.5	0.38	57.9	1.4	
Kg/cm2@0 Vac	57.2	(5.35)			
7.03	0.00	62.8	3.79	62.1	56.6
	1.41	62.8	3.79	61.7	14.2
	2.81	62.8	3.79	61.7	7.1
	3.52	62.8	3.79	61.7	5.2
	4.22	62.8	3.79	61.7	3.8
	4.57	62.8	3.79	61.7	3.3
	4.92	62.5	3.60	61.7	2.8
	5.27	62.1	2.84	61.7	2.4
	5.62	61.3	1.51	61.3	1.9
Kg/cm2@0 Vac	60.2	(6.06)			
8.44	0.00	68.1	3.79	67.8	59.0
	2.81	68.1	3.79	67.4	10.4
	4.22	68.1	3.79	67.4	5.7
	5.62	68.1	3.79	67.4	3.3
	6.33	67.8	3.15	67.4	2.4
	6.68	67.0	1.89	67.4	1.9
	7.03	66.6	0.88	66.6	1.4
	Kg/cm2@0 Vac	65.9	(7.32)		
9.84	0.00	73.8	3.79	73.1	59.0
	2.81	73.8	3.79	72.7	11.8
	4.22	73.8	3.79	72.7	7.5
	4.92	73.8	3.79	72.7	5.7
	5.62	73.8	3.79	72.7	4.7
	6.33	73.8	3.79	72.7	3.8
	7.03	73.4	3.79	72.7	2.8
	7.73	72.7	2.52	72.7	2.4
	8.44	71.9	0.44	71.9	1.9
Kg/cm2@0 Vac	71.5	(8.59)			