

Mazzei Model 1078 Injector

Operating Pressure		Metric			
		Model 1078		Model 1078	
Injector Inlet (Kg/cm2)	Injector Outlet (Kg/cm2)	Motive Flow (l/m)	Liquid Suction (l/m)	Motive Flow (l/m)	Air Suction (l/m)
0.35	0.00	30.3	5.0	21.6	23.6
	0.07	24.6	2.5	21.2	6.1
	0.14	22.7	1.9	21.2	2.8
	0.21	22.0	1.3	21.2	1.4
	0.28	21.2	0.6	20.8	<1
	Kg/cm2@0 Vac	20.4	(0.32)		
0.70	0.00	36.0	5.0	28.8	33.0
	0.14	33.3	3.8	28.4	11.8
	0.35	30.3	2.2	28.4	2.8
	0.49	29.5	1.3	28.4	0.9
	0.56	29.1	0.6	28.0	<1
	Kg/cm2@0 Vac	28.0	(0.60)		
1.05	0.00	40.9	5.0	34.8	42.5
	0.35	38.2	3.8	34.4	7.6
	0.49	37.1	2.9	34.4	4.7
	0.70	35.2	2.3	34.4	1.9
	0.84	34.4	0.8	34.1	0.9
	Kg/cm2@0 Vac	33.3	(0.89)		
1.41	0.00	45.0	5.0	39.7	47.2
	0.35	45.0	4.7	39.4	18.9
	0.70	41.6	3.2	39.4	5.2
	0.84	40.5	2.3	39.4	3.3
	1.05	39.4	1.3	39.0	0.9
	Kg/cm2@0 Vac	38.6	(1.20)		
1.76	0.00	48.8	4.7	44.3	49.5
	0.35	48.8	4.7	43.9	28.3
	0.70	47.7	4.1	43.9	11.8
	1.05	45.4	2.6	43.9	3.8
	1.41	43.5	0.8	43.5	0.9
	Kg/cm2@0 Vac	43.1	(1.51)		
2.11	0.00	52.2	4.7	48.1	51.9
	0.35	52.2	4.7	47.7	35.4
	0.70	52.2	4.7	47.7	16.5
	1.05	50.3	3.8	47.7	7.1
	1.41	48.4	2.4	47.7	2.8
	1.76			47.3	0.9
Kg/cm2@0 Vac	46.6	(1.83)			
2.46	0.00	56.0	4.7	51.9	56.6
	0.35	56.0	4.7	51.5	42.5
	0.70	56.0	4.7	51.5	21.2
	1.05	56.0	4.7	51.5	11.8
	1.41	53.4	3.5	51.5	5.2
	1.76	51.9	1.1	51.1	2.4
Kg/cm2@0 Vac	50.3	(2.11)			
2.81	0.00	59.0	4.7	54.9	59.0
	0.35	59.0	4.7	54.9	47.2
	0.70	59.0	4.7	54.9	28.3
	1.05	59.0	4.7	54.9	14.2
	1.41	57.9	4.5	54.5	7.1
	1.76	56.8	3.3	54.5	4.2
2.11	54.9	1.9	54.1	2.4	
Kg/cm2@0 Vac	53.7	(2.39)			
3.16	0.00	61.7	4.7	58.3	61.3
	0.35	61.7	4.7	58.3	54.3
	0.70	61.7	4.7	58.3	35.4
	1.05	61.7	4.7	58.3	18.9
	1.41	61.3	4.7	57.9	10.4
	1.76	60.6	4.4	57.9	5.7
2.11	59.0	3.5	57.9	3.3	
2.46	57.9	1.6	57.5	1.9	
Kg/cm2@0 Vac	56.4	(2.67)			
3.52	0.00	64.7	4.7	62.1	63.7
	0.70	64.7	4.7	61.7	42.5
	1.05	64.7	4.7	61.7	28.3
	1.41	64.7	4.7	61.7	14.2
	1.76	64.3	4.7	61.7	9.4
	2.11	64.0	4.2	61.7	4.7
2.46	62.8	3.0	61.7	3.3	
2.81	60.9	1.0	60.9	1.9	
Kg/cm2@0 Vac	59.8	(3.02)			

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4.22	0.00	70.0	4.73	67.0	68.4
	0.70	70.0	4.73	67.0	47.2
	1.41	70.0	4.73	67.0	16.5
	1.76	70.0	4.73	67.0	11.8
	2.11	70.0	4.73	67.0	8.0
	2.46	69.6	4.54	67.0	5.2
	2.81	68.9	3.78	67.0	3.8
	3.16	67.0	2.21	66.6	2.4
	Kg/cm2@0 Vac	65.5	(3.59)		
4.92	0.00	74.9	4.73	72.3	70.8
	0.70	74.9	4.73	72.3	51.9
	1.41	74.9	4.73	72.3	18.9
	2.11	74.9	4.73	72.3	10.4
	2.46	74.9	4.73	71.9	7.6
	2.81	74.6	4.42	71.9	5.7
	3.16	73.8	3.78	71.9	4.2
	3.52	73.1	2.52	71.9	3.3
	3.87	72.3	1.26	71.5	2.4
Kg/cm2@0 Vac	71.2	(4.22)			
5.62	0.00	82.1	4.73	79.9	73.1
	1.41	82.1	4.73	79.5	21.2
	2.11	82.1	4.73	79.5	11.8
	2.46	82.1	4.73	79.5	8.5
	2.81	82.1	4.73	79.5	7.1
	3.16	82.1	4.73	79.5	5.2
	3.52	81.0	4.48	79.5	4.2
	3.87	80.2	3.85	79.5	3.3
	4.22	79.5	2.65	79.5	2.4
4.57	78.3	0.82	79.1	1.9	
Kg/cm2@0 Vac	77.6	(4.71)			
6.33	0.00	86.7	4.73	84.8	75.5
	1.41	86.7	4.73	84.4	23.6
	2.11	86.7	4.73	84.4	12.7
	2.81	86.7	4.73	84.4	9.0
	3.16	86.7	4.73	84.4	7.1
	3.52	86.7	4.73	84.4	5.7
	3.87	86.7	4.73	84.4	4.7
	4.22	85.5	4.29	84.4	3.8
	4.57	84.8	3.53	84.4	2.8
4.92	84.0	2.27	84.4	2.4	
5.27	82.5	0.57	84.0	1.9	
Kg/cm2@0 Vac	81.8	(5.34)			
7.03	0.00	92.0	4.73	89.7	77.9
	1.41	92.0	4.73	89.3	37.8
	2.81	92.0	4.73	89.3	10.4
	3.52	92.0	4.73	89.3	7.6
	4.22	92.0	4.73	89.3	5.2
	4.57	91.6	4.73	89.3	4.2
	4.92	90.8	4.10	89.3	3.3
	5.27	90.1	3.47	89.3	2.8
	5.62	88.6	1.89	88.9	2.4
Kg/cm2@0 Vac	87.1	(6.05)			
8.44	0.00	99.2	4.73	98.4	77.9
	2.81	99.2	4.73	98.0	15.6
	4.22	99.2	4.73	98.0	8.0
	5.62	99.2	4.73	98.0	4.7
	6.33	97.7	3.47	98.0	3.8
	6.68	96.9	2.40	98.0	2.8
	7.03	95.8	0.95	97.7	2.4
	Kg/cm2@0 Vac	95.0	(7.24)		
	9.84	0.00	106.7	4.73	106.0
2.81		106.7	4.73	105.6	18.9
4.22		106.7	4.73	105.6	11.8
4.92		106.7	4.73	105.6	9.4
5.62		106.7	4.73	105.6	7.1
6.33		106.7	4.73	105.6	5.2
7.03		106.4	4.10	105.6	4.2
7.73		105.2	3.15	105.6	4.2
8.44		104.1	0.76	105.2	3.3
Kg/cm2@0 Vac	103.3	(7.63)			

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