

Mazzei Model 1078 Injector

Operating Pressure		Metric			
Injector Inlet (Kg/cm2)	Injector Outlet (Kg/cm2)	Model 1078		Model 1078	
		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
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
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
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
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
Kg/cm2@0 Vac		59.8	(3.02)		

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Operating Pressure		Metric			
Injector Inlet (Kg/cm2)	Injector Outlet (Kg/cm2)	Model 1078		Model 1078	
		Motive Flow (l/m)	Liquid Suction (l/m)	Motive Flow (l/m)	Air Suction (l/m)
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
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
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
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
	2.11	92.0	4.73	89.3	10.4
	2.81	92.0	4.73	89.3	7.6
	3.16	92.0	4.73	89.3	5.2
	3.52	92.0	4.73	89.3	4.2
	3.87	91.6	4.73	89.3	4.2
	4.22	90.8	4.10	89.3	3.3
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
	3.16	99.2	4.73	98.0	8.0
	3.52	99.2	4.73	98.0	4.7
	3.87	97.7	3.47	98.0	3.8
	4.22	96.9	2.40	98.0	2.8
	4.57	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	77.9
	2.81	106.7	4.73	105.6	18.9
	3.16	106.7	4.73	105.6	11.8
	3.52	106.7	4.73	105.6	9.4
	3.87	106.7	4.73	105.6	7.1
	4.22	106.7	4.73	105.6	5.2
	4.57	106.4	4.10	105.6	4.2
	4.92	105.2	3.15	105.6	4.2
Kg/cm2@0 Vac		103.3	(7.63)		