

Mazzei Model 684 Injector

Operating Pressure		Metric			
		Model 684		Model 684	
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	15.1	1.4	11.7	4.2
	0.07	15.1	1.4	11.7	3.8
	0.14	14.4	1.1	11.4	1.4
	0.21	11.7	0.6	11.0	<0.5
	0.28				
Kg/cm2@0 Vac		10.6	(0.28)		
0.70	0.00	20.1	1.5	16.3	10.4
	0.14	20.1	1.5	16.3	7.1
	0.35	20.1	1.5	16.3	1.7
	0.49	18.5	0.6	15.9	0.5
	0.56	16.7	0.1	15.9	<0.5
Kg/cm2@0 Vac		14.0	(0.60)		
1.05	0.00	25.4	1.9	20.8	16.5
	0.35	25.4	1.9	20.8	5.7
	0.49	25.4	1.9	20.8	3.3
	0.70	21.6	0.8	20.8	1.2
	0.84	20.4	0.5	20.4	0.5
Kg/cm2@0 Vac		19.7	(0.92)		
1.41	0.00	28.4	1.9	23.8	13.2
	0.35	28.4	1.9	23.8	7.6
	0.70	28.4	1.9	23.8	2.8
	0.84	26.9	1.6	23.5	1.4
	1.05	24.2	0.6	23.5	<0.5
Kg/cm2@0 Vac		23.1	(1.15)		
1.76	0.00	30.7	1.9	26.5	15.1
	0.35	30.7	1.9	26.5	10.4
	0.70	30.7	1.9	26.5	5.7
	1.05	29.9	1.8	26.5	2.8
	1.41	26.1	0.3	26.1	<0.5
Kg/cm2@0 Vac		25.7	(1.48)		
2.11	0.00	32.9	1.9	29.9	17.9
	0.35	32.9	1.9	29.9	14.2
	0.70	32.9	1.9	29.9	8.5
	1.05	32.9	1.8	29.5	4.7
	1.41	31.4	1.7	29.5	2.4
Kg/cm2@0 Vac		29.5	0.4	29.1	0.5
Kg/cm2@0 Vac		28.8	(1.76)		
2.46	0.00	35.6	1.9	32.2	17.9
	0.35	35.6	1.9	32.2	16.5
	0.70	35.6	1.9	31.8	12.7
	1.05	34.8	1.9	31.8	6.6
	1.41	34.8	1.8	31.8	4.2
Kg/cm2@0 Vac		32.6	1.3	31.8	1.9
Kg/cm2@0 Vac		29.9	(1.97)		
2.81	0.00	37.1	1.9	34.4	18.9
	0.35	37.1	1.9	34.4	17.0
	0.70	37.1	1.9	34.4	15.1
	1.05	37.1	1.9	34.1	7.5
	1.41	37.1	1.9	33.7	5.2
Kg/cm2@0 Vac		37.1	1.9	33.7	3.3
Kg/cm2@0 Vac		34.1	1.0	33.7	1.7
Kg/cm2@0 Vac		32.2	(2.25)		
3.16	0.00	39.0	1.9	36.7	21.2
	0.35	39.0	1.9	36.7	18.9
	0.70	39.0	1.9	36.3	16.5
	1.05	39.0	1.9	36.0	10.4
	1.41	39.0	1.9	36.0	6.6
Kg/cm2@0 Vac		39.0	1.9	36.0	4.7
Kg/cm2@0 Vac		38.6	1.8	36.0	2.8
Kg/cm2@0 Vac		36.0	0.8	36.0	1.4
Kg/cm2@0 Vac		34.4	(2.71)		
3.52	0.00	40.9	1.9	38.6	21.2
	0.70	40.9	1.9	38.6	17.9
	1.05	40.9	1.9	38.2	13.2
	1.41	40.9	1.9	38.2	7.5
	1.76	40.9	1.9	38.2	5.7
Kg/cm2@0 Vac		40.9	1.9	38.2	3.8
Kg/cm2@0 Vac		40.1	1.8	38.2	2.4
Kg/cm2@0 Vac		37.1	0.5	37.9	1.2
Kg/cm2@0 Vac		36.0	(3.03)		

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4.22	0.00	43.9	1.8	42.4	21.2
	0.70	43.9	1.8	42.4	18.9
	1.41	43.9	1.8	41.6	11.8
	1.76	43.9	1.8	41.6	8.0
	2.11	43.9	1.8	41.6	6.1
	2.46	43.9	1.8	41.6	4.7
	2.81	43.9	1.8	41.6	3.3
	3.16	42.8	1.4	41.6	2.1
Kg/cm2@0 Vac		39.7	(3.59)		
4.92	0.00	47.3	1.9	45.4	23.6
	0.70	47.3	1.9	45.4	21.7
	1.41	47.3	1.9	45.0	19.8
	2.11	47.3	1.9	45.0	9.0
	2.46	47.3	1.9	44.7	6.1
	2.81	47.3	1.9	44.7	5.2
	3.16	47.3	1.9	44.7	3.8
	3.52	46.6	1.8	44.7	2.8
Kg/cm2@0 Vac		44.3	0.8	44.3	1.9
Kg/cm2@0 Vac		42.8	(4.30)		
5.62	0.00	48.4	2.0	46.6	16.5
	1.41	48.4	2.0	46.6	14.2
	2.11	48.4	2.0	46.6	9.4
	2.46	48.4	2.0	46.2	7.5
	2.81	48.4	2.0	46.2	6.6
	3.16	48.4	2.0	46.2	5.2
	3.52	48.4	2.0	45.8	4.2
	3.87	48.4	2.0	45.8	3.3
Kg/cm2@0 Vac		48.1	1.9	45.8	2.4
Kg/cm2@0 Vac		45.8	0.9	45.8	1.4
Kg/cm2@0 Vac		43.9	(4.65)		
6.33	0.00	51.5	2.0	49.6	16.5
	1.41	51.5	2.0	49.6	15.1
	2.11	51.5	2.0	49.2	10.4
	2.81	51.5	2.0	49.2	8.0
	3.16	51.5	2.0	49.2	7.1
	3.52	51.5	2.0	48.8	6.1
	3.87	51.5	2.0	48.8	5.2
	4.22	51.5	2.0	48.8	4.2
Kg/cm2@0 Vac		51.5	2.0	48.8	3.3
Kg/cm2@0 Vac		50.7	1.6	48.8	2.4
Kg/cm2@0 Vac		48.1	0.6	48.8	1.4
Kg/cm2@0 Vac		47.3	(5.35)		
7.03	0.00	53.4	2.1	51.9	16.5
	1.41	53.4	2.1	51.9	16.5
	2.81	53.4	2.1	51.9	9.4
	3.52	53.4	2.1	51.9	7.5
	4.22	53.4	2.1	51.5	5.7
	4.57	53.4	2.1	51.1	4.7
	4.92	53.0	2.1	51.1	2.8
	5.27	52.6	1.9	50.7	2.4
Kg/cm2@0 Vac		50.3	0.9	50.0	1.9
Kg/cm2@0 Vac		49.2	(5.99)		
8.44	0.00	57.2	2.1	57.5	18.9
	2.81	57.2	2.1	57.2	13.2
	4.22	57.2	2.1	56.8	8.0
	5.62	57.2	1.5	56.4	5.2
	6.33	57.2	1.3	56.0	4.2
	6.68	57.2	1.1	55.6	3.8
	7.03	57.2	0.9	55.6	2.4
	Kg/cm2@0 Vac		52.6	(7.18)	
9.84	0.00				
	2.81				
	4.22				
	4.92				
	5.62				
	6.33				
	7.03				
	7.73				
8.44					
Kg/cm2@0 Vac					

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