

Mazzei Model 684 Injector

Operating Pressure		Metric			
Injector Inlet (Kg/cm2)	Injector Outlet (Kg/cm2)	Model 684		Model 684	
		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		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		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		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		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		36.0	(3.03)		
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Operating Pressure		Metric			
Injector Inlet (Kg/cm2)	Injector Outlet (Kg/cm2)	Model 684		Model 684	
		Motive Flow (l/m)	Liquid Suction (l/m)	Motive Flow (l/m)	Air Suction (l/m)
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		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		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		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		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				
Kg/cm2@0 Vac					