

## Mazzei Model 2081-A Injector

Metric					
Operating Pressure		Model 2081-A		Model 2081-A	
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	184	33.1	134	113
	0.07	177	32.2	134	56.6
	0.14	162	25.2	134	35.4
	0.21	141	13.6	134	14.2
	0.28	134	6.3	133	7.1
	Kg/cm2@0 Vac	126	(0.32)		
0.70	0.00	219	33.1	179	170
	0.14	218	33.1	178	99.1
	0.35	200	24.6	178	35.4
	0.49	179	11.0	178	18.9
	0.56	173	5.1	177	9.0
	Kg/cm2@0 Vac	167	(0.62)		
1.05	0.00	246	33.1	214	198
	0.35	246	32.8	213	77.9
	0.49	242	31.5	213	47.2
	0.70	218	15.8	213	16.5
	0.84	209	5.1	212	9.4
	Kg/cm2@0 Vac	203	(0.91)		
1.41	0.00	273	32.2	246	255
	0.35	273	32.2	245	132
	0.70	273	31.5	245	56.6
	0.84	252	20.8	244	35.4
	1.05	241	10.1	243	14.2
Kg/cm2@0 Vac	234	(1.20)			
1.76	0.00	291	32.2	271	283
	0.35	291	32.2	270	179
	0.70	286	32.2	269	61.4
	1.05	276	20.8	269	42.5
	1.41	265	4.7	268	9.4
	Kg/cm2@0 Vac	259	(1.48)		
2.11	0.00	314	31.9	295	312
	0.35	314	31.9	293	198
	0.70	314	31.9	291	113
	1.05	310	29.0	291	61.4
	1.41	295	18.9	291	28.3
	1.76	286	2.5	290	7.1
Kg/cm2@0 Vac	284	(1.83)			
2.46	0.00	329	31.9	314	340
	0.35	329	31.9	312	236
	0.70	329	31.9	310	132
	1.05	329	31.9	310	63.7
	1.41	322	26.5	310	47.2
	1.76	314	17.7	309	16.5
Kg/cm2@0 Vac	299	(2.09)			
2.81	0.00	348	31.5	331	354
	0.35	348	31.5	329	255
	0.70	348	31.5	327	170
	1.05	348	31.5	327	73.2
	1.41	344	31.5	327	63.7
	1.76	337	25.6	327	42.5
	2.11	329	15.1	326	16.5
	Kg/cm2@0 Vac	318	(2.39)		
3.16	0.00	367	31.5	352	368
	0.35	367	31.5	352	283
	0.70	367	31.5	348	189
	1.05	367	31.5	348	109
	1.41	363	31.5	348	75.5
	1.76	260	30.0	348	56.6
	2.11	352	23.7	348	35.4
	2.46	344	11.4	344	14.2
Kg/cm2@0 Vac	333	(2.67)			
3.52	0.00	382	31.5	375	387
	0.70	382	31.5	371	198
	1.05	382	31.5	371	120
	1.41	382	31.5	371	85.0
	1.76	382	31.5	371	61.4
	2.11	375	25.9	371	42.5
	2.46	367	19.2	371	19.8
	2.81	360	3.5	367	10.4
Kg/cm2@0 Vac	356	(2.88)			

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4.22	0.00	420	31.5	409	401
	0.70	420	31.5	405	293
	1.41	420	31.5	405	142
	1.76	420	31.5	405	106
	2.11	420	31.5	405	77.9
	2.46	416	27.8	405	47.2
	2.81	413	25.9	405	33.0
	3.16	405	12.6	401	17.9
	Kg/cm2@0 Vac	390	(3.52)		
	4.92	0.00	454	31.5	439
0.70		454	31.5	435	363
1.41		454	31.5	435	198
2.11		454	31.5	435	113
2.46		454	31.5	435	85.0
2.81		454	31.5	435	61.4
3.16		450	30.3	435	44.8
3.52		443	23.3	435	28.3
3.87		432	7.6	432	15.6
Kg/cm2@0 Vac		424	(4.08)		
5.62	0.00	485	31.5	469	418
	1.41	485	31.5	466	241
	2.11	485	31.5	466	142
	2.46	485	31.5	466	113
	2.81	485	31.5	466	89.7
	3.16	485	31.5	466	70.8
	3.52	485	31.5	466	47.2
	3.87	481	29.0	466	33.0
	4.22	469	20.2	466	18.9
	4.57	466	6.9	462	12.7
Kg/cm2@0 Vac	454	(4.71)			
6.33	0.00	511	31.5	500	425
	1.41	511	31.5	496	255
	2.11	511	31.5	496	161
	2.81	511	31.5	496	106
	3.16	511	31.5	496	92.0
	3.52	511	31.5	496	77.9
	3.87	511	31.5	496	61.4
	4.22	507	31.5	496	44.8
	4.57	503	25.9	496	28.3
	4.92	496	15.8	496	17.9
5.27	492	1.3	492	11.8	
Kg/cm2@0 Vac	488	(5.34)			
7.03	0.00	545	31.5	538	437
	1.41	545	31.5	534	293
	2.81	545	31.5	534	142
	3.52	545	31.5	534	99.1
	4.22	545	31.5	534	63.7
	4.57	545	31.5	534	49.6
	4.92	541	29.7	534	35.4
	5.27	538	21.5	534	23.6
	5.62	530	11.4	530	16.5
	Kg/cm2@0 Vac	515	(5.91)		
8.44	0.00	598	31.5	591	453
	2.81	598	31.5	587	165
	4.22	598	31.5	587	94.4
	5.62	594	30.3	587	51.9
	6.33	591	22.1	587	35.4
	6.68	583	12.0	587	23.6
	7.03	575	1.9	583	14.2
	Kg/cm2@0 Vac	568	(7.10)		
9.84	0.00				
	2.81				
	4.22				
	4.92				
	5.62				
	6.33				
	7.03				
7.73					
Kg/cm2@0 Vac					

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