

Mazzei Model 1583-A Injector

Operating Pressure		Metric			
		Model 1583-A		Model 1583-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	53.7	8.8	42.4	47
	0.07	45.8	5.4	42.0	12
	0.14	43.9	4.3	42.0	5
	0.21	41.3	2.8	41.3	3
	0.28	39.7	0.7	40.5	1
	Kg/cm2@0 Vac	39.4	(0.30)		
0.70	0.00	71.9	11.4	57.2	71
	0.14	63.2	7.6	57.2	21
	0.35	59.8	5.5	56.8	5
	0.49	57.2	3.2	56.0	2
	0.56	55.6	0.7	55.3	1
	Kg/cm2@0 Vac	54.9	(0.60)		
1.05	0.00	80.6	11.4	68.9	90
	0.35	74.2	8.0	68.1	14
	0.49	71.9	6.9	67.8	9
	0.70	68.1	4.4	67.8	4
	0.84	67.0	1.0	67.4	2
	Kg/cm2@0 Vac	65.5	(0.88)		
1.41	0.00	90.5	11.4	78.3	99
	0.35	86.7	10.7	77.2	43
	0.70	81.8	7.6	77.2	9
	0.84	79.9	6.0	77.2	6
	1.05	77.2	2.8	76.8	3
	Kg/cm2@0 Vac	75.7	(1.16)		
1.76	0.00	97.7	11.4	87.4	116
	0.35	97.7	11.4	86.7	61
	0.70	92.4	9.8	86.3	17
	1.05	88.6	6.1	86.3	7
	1.41	85.2	0.7	85.9	1
	Kg/cm2@0 Vac	84.8	(1.44)		
2.11	0.00	104.5	11.4	96.5	130
	0.35	104.5	11.4	95.4	76
	0.70	102.2	10.9	94.6	28
	1.05	98.8	8.5	94.6	10
	1.41	95.8	5.4	94.6	5
	1.76				
Kg/cm2@0 Vac	92.7	(1.83)			
2.46	0.00	111.7	11.4	102.6	142
	0.35	111.7	11.4	101.8	90
	0.70	111.7	11.4	104.1	47
	1.05	109.0	10.4	104.1	17
	1.41	105.2	7.6	104.1	9
	1.76	101.8	4.1	101.1	5
Kg/cm2@0 Vac	100.3	(2.00)			
2.81	0.00	117.7	11.4	109.8	149
	0.35	117.7	11.4	109.4	106
	0.70	117.7	11.4	108.3	57
	1.05	116.2	11.4	107.9	28
	1.41	114.3	10.1	107.9	12
	1.76	113.6	6.6	107.9	8
	2.11	108.3	2.8	107.5	5
	Kg/cm2@0 Vac	106.4	(2.28)		
3.16	0.00	123.8	11.4	116.2	156
	0.35	123.8	11.4	115.1	118
	0.70	123.8	11.4	114.3	71
	1.05	123.8	11.4	114.3	35
	1.41	121.9	11.0	114.3	14
	1.76	119.6	9.2	114.3	9
	2.11	117.3	6.3	114.3	7
	2.46	114.3	1.6	113.9	4
Kg/cm2@0 Vac	113.2	(2.60)			
3.52	0.00	129.4	11.4	123.0	163
	0.70	129.4	11.4	121.1	78
	1.05	129.4	11.4	121.1	43
	1.41	128.7	11.4	121.1	17
	1.76	127.2	11.0	121.1	12
	2.11	124.9	8.8	120.7	9
	2.46	122.3	5.7	120.7	6
	2.81	120.0	1.0	120.4	4
Kg/cm2@0 Vac	118.8	(2.88)			

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4.22	0.00	140	11.4	134	170
	0.70	140	11.4	132	85
	1.41	140	11.4	132	24
	1.76	140	11.4	132	17
	2.11	140	11.4	132	12
	2.46	139	10.2	132	9
	2.81	136	7.9	132	7
	3.16	133	4.1	131	5
Kg/cm2@0 Vac	130	(3.48)			
4.92	0.00	153	11.4	147	177
	0.70	153	11.4	146	92
	1.41	153	11.4	146	43
	2.11	153	11.4	146	17
	2.46	153	11.4	146	13
	2.81	151	10.4	146	10
	3.16	149	8.5	146	8
	3.52	147	5.4	146	6
3.87	144	1.3	145	4	
Kg/cm2@0 Vac	144	(4.01)			
5.62	0.00	163	11.4	157	184
	1.41	163	11.4	156	50
	2.11	163	11.4	156	19
	2.46	163	11.4	156	16
	2.81	163	11.4	156	13
	3.16	162	11.0	156	10
	3.52	161	9.5	156	9
	3.87	159	7.9	156	7
4.22	157	4.1	156	6	
4.57	155	1.0	155	4	
Kg/cm2@0 Vac	154	(4.64)			
6.33	0.00	172	11.4	167	191
	1.41	172	11.4	165	57
	2.11	172	11.4	165	33
	2.81	172	11.4	165	16
	3.16	172	11.4	165	13
	3.52	172	11.4	165	11
	3.87	171	10.7	165	9
	4.22	169	9.2	165	8
4.57	168	6.9	165	7	
4.92	166	3.5	165	6	
5.27					
Kg/cm2@0 Vac	164	(5.27)			
7.03	0.00	182	11.4	177	198
	1.41	182	11.4	175	64
	2.81	182	11.4	175	19
	3.52	182	11.4	175	13
	4.22	182	11.4	175	10
	4.57	181	10.4	175	9
	4.92	178	8.5	175	8
	5.27	176	5.7	175	7
5.62	174	2.2	175	6	
Kg/cm2@0 Vac	173	(5.84)			
8.44	0.00	197	11.4	193	203
	2.81	197	11.4	192	38
	4.22	197	11.4	192	15
	5.62	196	10.7	192	9
	6.33	193	6.9	192	8
	6.68	191	3.8	189	7
	7.03				
Kg/cm2@0 Vac	189	(7.03)			
9.84	0.00	213	11.4	209	208
	2.81	213	11.4	207	52
	4.22	213	11.4	207	21
	4.92	213	11.4	207	16
	5.62	213	11.4	207	12
	6.33	213	11.4	207	10
	7.03	211	10.1	207	9
7.73	209	5.4	207	7	
Kg/cm2@0 Vac	206	(7.51)			