

Mazzei Model 1585-X Injector

Operating Pressure		Metric			
Injector Inlet (Kg/cm2)	Injector Outlet (Kg/cm2)	Model 1585-X		Model 1585-X	
		Motive Flow (l/m)	Liquid Suction (l/m)	Motive Flow (l/m)	Air Suction (l/m)
0.35	0.00	54.9	11.7	44.7	47.2
	0.07	49.2	8.2	44.3	15.6
	0.14	45.4	6.3	44.3	7.1
	0.21	43.9	1.9	43.9	2.4
	0.28				
Kg/cm2@0 Vac		42.4	(0.23)		
0.70	0.00	72.7	15.8	58.3	61.3
	0.14	69.3	12.6	58.3	28.3
	0.35	59.4	6.3	57.9	6.6
	0.49				
	0.56				
Kg/cm2@0 Vac		57.5	(0.46)		
1.05	0.00	85.9	18.6	74.9	75.5
	0.35	78.7	12.0	74.2	19.8
	0.49	77.6	10.7	74.2	15.1
	0.70	74.6	2.8	74.2	4.7
	0.84				
Kg/cm2@0 Vac		73.1	(0.77)		
1.41	0.00	98.4	21.1	82.1	89.7
	0.35	93.1	16.4	81.8	35.4
	0.70	85.9	10.1	81.8	11.3
	0.84	82.1	4.7	81.8	5.2
	1.05				
Kg/cm2@0 Vac		80.2	(0.98)		
1.76	0.00	105	22.1	91.2	113
	0.35	102	18.6	90.8	56.6
	0.70	95.8	13.2	90.5	23.6
	1.05	92.7	5.0	90.1	6.1
	1.41				
Kg/cm2@0 Vac		91.6	(1.20)		
2.11	0.00	113	22.1	98.0	132
	0.35	112	21.1	97.7	84.9
	0.70	106	17.0	97.3	35.4
	1.05	100	10.1	96.9	11.8
	1.41				
Kg/cm2@0 Vac		96.9	(1.37)		
2.46	0.00	120	22.1	105	156
	0.35	120	21.4	105	104
	0.70	119	20.5	105	47.2
	1.05	114	15.5	105	17.5
	1.41	107	5.7	104	8.5
Kg/cm2@0 Vac		104	(1.62)		
2.81	0.00	126	22.1	113	165
	0.35	126	22.1	113	118
	0.70	126	21.1	113	61.3
	1.05	123	18.3	113	21.2
	1.41	119	12.3	113	13.2
	1.76	113	2.5	112	4.7
	2.11				
Kg/cm2@0 Vac		112	(1.86)		
3.16	0.00	131	22.1	120	177
	0.35	131	22.1	120	146
	0.70	131	21.4	119	66.1
	1.05	130	19.9	119	35.4
	1.41	126	16.4	119	15.6
	1.76	121	8.2	119	10.4
	2.11				
	2.46				
Kg/cm2@0 Vac		119	(2.07)		
3.52	0.00	136	22.1	125	184
	0.70	136	22.1	125	70.8
	1.05	135	20.8	125	47.2
	1.41	132	18.9	125	18.9
	1.76	127	12.6	125	12.7
	2.11	125	5.0	124	6.6
	2.46				
	2.81				
Kg/cm2@0 Vac		124	(2.32)		

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		Motive Flow (l/m)	Liquid Suction (l/m)	Motive Flow (l/m)	Air Suction (l/m)
4.22	0.00	146	22.1	137	227
	0.70	146	22.1	136	75.5
	1.41	146	20.8	136	26.0
	1.76	144	18.9	136	17.9
	2.11	141	12.6	136	11.3
	2.46	139	5.0	136	6.6
	2.81				
	3.16				
Kg/cm2@0 Vac		136	(2.67)		
4.92	0.00	155	22.1	146	241
	0.70	155	22.1	145	82.6
	1.41	155	21.4	145	33.0
	2.11	151	17.3	145	13.2
	2.46	148	10.7	145	10.4
	2.81	145	3.8	145	4.7
	3.16				
	3.52				
Kg/cm2@0 Vac		145	(2.95)		
5.62	0.00	165	22.1	156	260
	1.41	165	22.1	156	44.8
	2.11	164	21.1	156	17.5
	2.46	162	18.0	156	14.2
	2.81	160	13.9	156	11.3
	3.16	156	6.3	155	7.1
	3.52				
	3.87				
Kg/cm2@0 Vac		154	(3.45)		
6.33	0.00	173	22.1	166	269
	1.41	173	22.1	165	49.5
	2.11	173	21.4	165	21.2
	2.81	171	18.3	165	14.2
	3.16	169	13.9	165	10.9
	3.52	166	7.3	165	7.6
	3.87				
	4.22				
Kg/cm2@0 Vac		164	(3.87)		
7.03	0.00	184	22.1	175	283
	1.41	184	22.1	174	63.7
	2.81	182	21.1	174	16.5
	3.52	180	15.1	174	11.8
	4.22	175	4.4	174	3.8
	4.57				
	4.92				
	5.27				
Kg/cm2@0 Vac		174	(4.43)		
8.44	0.00	199	22.1	193	311
	2.81	199	22.1	192	26.0
	4.22	196	15.8	191	12.7
	5.62				
	6.33				
	6.68				
	7.03				
Kg/cm2@0 Vac		192	(5.27)		
9.84	0.00	214	22.1	209	340
	2.81	214	22.1	208	47.2
	4.22	214	20.8	208	17.5
	4.92	213	17.7	208	13.2
	5.62	209	9.8	207	9.0
	6.33				
	7.03				
	7.73				
Kg/cm2@0 Vac		207	(6.26)		