

Mazzei Model 2083-X Injector

Operating Pressure		Metric			
		Model 2083-X		Model 2083-X	
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	40.1	24.6	39.0	42.5
	0.07	37.9	6.9	38.6	4.7
	0.14				
	0.21				
	0.28				
Kg/cm2@0 Vac		37.1	(0.11)		
0.70	0.00	54.9	30.6	51.9	66.1
	0.14	52.2	12.0	51.5	10.4
	0.35				
	0.49				
	0.56				
Kg/cm2@0 Vac		51.5	(0.25)		
1.05	0.00	66.6	36.9	60.9	99.1
	0.35				
	0.49				
	0.70				
	0.84				
Kg/cm2@0 Vac		58.7	(0.35)		
1.41	0.00	75.7	41.0	71.9	123
	0.35	71.9	13.9	71.2	11.8
	0.70				
	0.84				
	1.05				
Kg/cm2@0 Vac		71.2	(0.49)		
1.76	0.00	84.0	49.8	78.7	170
	0.35	80.2	27.8	78.0	42.5
	0.70				
	1.05				
	1.41				
Kg/cm2@0 Vac		78.0	(0.60)		
2.11	0.00	90.8	53.6	86.7	250
	0.35	87.4	40.4	85.9	61.3
	0.70				
	1.05				
	1.41				
Kg/cm2@0 Vac		85.2	(0.70)		
2.46	0.00	98.4	59.3	92.7	307
	0.35	94.6	41.0	92.4	75.5
	0.7	91.2	15.1	91.2	11.8
	1.05				
	1.41				
Kg/cm2@0 Vac		90.8	(0.85)		
2.81	0.00	102	62.5	96.9	344
	0.35	100	44.2	96.5	99.1
	0.70	97.3	27.8	96.1	11.8
	1.05				
	1.41				
Kg/cm2@0 Vac		96.1	(0.95)		
3.16	0.00	107	68.1	102	368
	0.35	106	50.5	102	113
	0.70	102	32.8	101	37.7
	1.05				
	1.41				
Kg/cm2@0 Vac		101	(1.06)		
3.52	0.00	111	71.3	107	392
	0.70	109	33.7	107	47.2
	1.05	107	11.4	106	9.4
	1.41				
	1.76				
Kg/cm2@0 Vac		106	(1.23)		

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4.22	0.00	121	78.9	118	448
	0.70	119	47.3	117	56.6
	1.41				
	1.76				
	2.11				
	2.46				
	2.81				
Kg/cm2@0 Vac		117	(1.34)		
4.92	0.00	130	85.2	127	566
	0.70	128	63.1	126	63.7
	1.41	126	15.8	126	7.1
	2.11				
	2.46				
	2.81				
	3.16				
Kg/cm2@0 Vac		126	(1.62)		
5.62	0.00	140	89.6	136	708
	1.41	137	32.8	136	18.9
	2.11				
	2.46				
	2.81				
	3.16				
	3.52				
Kg/cm2@0 Vac		135	(1.83)		
6.33	0.00	148	92.1	145	849
	1.41	145	41.0	144	35.4
	2.11				
	2.81				
	3.16				
	3.52				
	3.87				
Kg/cm2@0 Vac		143	(2.04)		
7.03	0.00	161	94.6	154	991
	1.41	154	47.9	153	47.2
	2.81				
	3.52				
	4.22				
	4.57				
	4.92				
Kg/cm2@0 Vac		152	(2.36)		
8.44	0.00	171	94.6	168	1132
	2.81				
	4.22				
	5.62				
	6.33				
	6.68				
	7.03				
Kg/cm2@0 Vac		167	(2.82)		
9.84	0.00	185	94.6	182	1132
	2.81	182	26.5	181	35.4
	4.22				
	4.92				
	5.62				
	6.33				
	7.03				
Kg/cm2@0 Vac		181	(3.31)		