

Mazzei Model 384-X Injector

Operating Pressure		Metric			
		Model 384-X		Model 384-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	2.8	0.95	2.5	0.9
	0.07	2.6	0.50	2.5	<0.5
	0.14	2.5	0.09		
	0.21				
	0.28				
	Kg/cm2@0 Vac	2.4	(0.18)		
0.70	0.00	3.7	1.14	3.5	6.1
	0.14	3.5	0.76	3.4	<0.5
	0.35				
	0.49				
	0.56				
	Kg/cm2@0 Vac	3.4	(0.32)		
1.05	0.00	4.5	1.45	4.1	7.6
	0.35	4.4	0.38	4.1	<0.5
	0.49				
	0.70				
	0.84				
	Kg/cm2@0 Vac	4.2	(0.46)		
1.41	0.00	5.5	1.70	4.8	9.4
	0.35	4.9	0.82	4.8	<0.5
	0.70				
	0.84				
	1.05				
	Kg/cm2@0 Vac	4.7	(0.63)		
1.76	0.00	6.1	1.89	5.5	10.4
	0.35	5.7	1.07	5.4	0.7
	0.70	5.5	0.19	5.4	<0.5
	1.05				
	1.41				
	Kg/cm2@0 Vac	5.4	(0.77)		
2.11	0.00	6.6	2.08	6.0	11.3
	0.35	6.2	1.32	5.9	1.2
	0.70	6.1	0.63	5.9	<0.5
	1.05				
	1.41				
	Kg/cm2@0 Vac	5.9	(0.99)		
2.46	0.00	7.1	2.21	6.4	11.8
	0.35	6.7	1.58	6.4	1.4
	0.70	6.5	1.07	6.4	0.5
	1.05	6.4	0.19	6.4	<0.5
	1.41				
	Kg/cm2@0 Vac	6.3	(1.16)		
2.81	0.00	7.5	2.21	6.9	12.7
	0.35	7.2	1.77	6.9	1.9
	0.70	7.0	1.26	6.9	0.7
	1.05	6.9	0.57	6.9	<0.5
	1.41				
	Kg/cm2@0 Vac	6.7	(1.34)		
3.16	0.00	7.8	2.21	7.3	13.2
	0.35	7.7	1.89	7.2	2.1
	0.70	7.5	1.58	7.2	0.9
	1.05	7.3	0.95	7.2	0.5
	1.41	7.2	0.16	7.2	<0.5
	Kg/cm2@0 Vac	7.2	(1.51)		
3.52	0.00	8.1	2.21	7.6	13.7
	0.70	7.9	1.70	7.6	1.2
	1.05	7.8	1.14	7.6	0.7
	1.41	7.6	0.57	7.6	<0.5
	1.76				
	Kg/cm2@0 Vac	7.6	(1.73)		

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Operating Pressure		Metric			
		Model 384-X		Model 384-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)
4.22	0.00	8.8	2.21	8.4	14.6
	0.70	8.7	1.89	8.4	1.7
	1.41	8.5	1.26	8.4	0.7
	1.76	8.4	0.69	8.4	<0.5
	2.11	8.3	0.06		
	2.46				
	2.81				
	Kg/cm2@0 Vac	8.3	(2.15)		
4.92	0.00	9.4	2.21	9.0	15.6
	0.70	9.4	2.21	9.0	2.4
	1.41	9.2	1.58	9.0	0.9
	2.11	8.9	0.63	9.0	<0.5
	2.46	8.8	<0.25		
	2.81				
	3.16				
	Kg/cm2@0 Vac	8.8	(2.50)		
5.62	0.00	10.0	2.21	9.6	17.0
	1.41	9.9	1.89	9.6	1.4
	2.11	9.7	1.14	9.6	0.5
	2.46	9.7	0.63	9.6	<0.5
	2.81	9.6	0.11		
	3.16				
	3.52				
	Kg/cm2@0 Vac	9.5	(2.92)		
6.33	0.00	10.6	2.21	10.2	17.9
	1.41	10.5	2.08	10.2	1.7
	2.11	10.4	1.45	10.1	0.9
	2.81	10.2	0.63	10.1	<0.5
	3.16	10.2	0.13		
	3.52				
	3.87				
	Kg/cm2@0 Vac	10.1	(3.31)		
7.03	0.00	11.2	2.21	10.7	18.4
	1.41	11.1	2.21	10.7	1.9
	2.81	10.9	1.26	10.7	0.7
	3.52	10.8	0.32	10.7	<0.5
	4.22				
	4.57				
	4.92				
	Kg/cm2@0 Vac	10.7	(3.80)		
8.44	0.00	12.2	2.21	11.8	18.9
	2.81	12.0	1.89	11.8	1.2
	4.22	11.8	0.38	11.8	<0.5
	5.62				
	6.33				
	6.68				
	7.03				
	Kg/cm2@0 Vac	11.7	(4.58)		
9.84	0.00	13.1	2.21	12.8	19.8
	2.81	13.1	2.08	12.7	1.4
	4.22	12.9	1.26	12.7	0.7
	4.92	12.8	0.44	12.7	<0.5
	5.62				
	6.33				
	7.03				
	Kg/cm2@0 Vac	12.7	(5.39)		