

Mazzei Model 484-A Injector

Operating Pressure		Metric			
Pressure		Model 484-A		Model 484-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	3.8	0.88	3.2	3.3
	0.07	3.6	0.76	3.2	1.9
	0.14	3.4	0.50	3.1	<0.25
	0.21	3.3	0.25		
	0.28	3.2	0.13		
Kg/cm2@0 Vac		3.1	(0.32)		
0.70	0.00	6.8	1.20	5.5	5.7
	0.14	6.4	1.01	5.5	2.4
	0.35	5.9	0.50	5.5	<0.25
	0.49	5.5	0.19		
	0.56				
Kg/cm2@0 Vac		5.3	(0.56)		
1.05	0.00	7.9	1.20	6.7	7.1
	0.35	7.6	0.95	6.7	0.9
	0.49	7.2	0.69	6.7	<0.25
	0.70	6.8	0.32		
	0.84				
Kg/cm2@0 Vac		6.6	(0.85)		
1.41	0.00	8.7	1.14	7.9	8.5
	0.35	8.7	1.14	7.9	2.4
	0.70	8.1	0.69	7.9	0.5
	0.84	7.9	0.50	7.9	<0.25
	1.05	7.8	0.13		
Kg/cm2@0 Vac		7.7	(1.13)		
1.76	0.00	9.5	1.14	8.8	8.5
	0.35	9.5	1.14	8.8	2.8
	0.70	9.5	1.01	8.8	0.9
	1.05	9.1	0.57	8.7	<0.25
	1.41				
Kg/cm2@0 Vac		8.7	(1.41)		
2.11	0.00	10.2	1.14	9.6	8.5
	0.35	10.2	1.14	9.5	3.8
	0.70	10.2	1.14	9.5	1.9
	1.05	10.0	0.82	9.5	0.9
	1.41	9.7	0.44	9.5	<0.25
Kg/cm2@0 Vac		9.5	(1.69)		
2.46	0.00	11.0	1.14	10.3	9.0
	0.35	11.0	1.14	10.2	4.7
	0.70	11.0	1.14	10.2	2.4
	1.05	11.0	1.07	10.2	1.4
	1.41	10.6	0.76	10.2	0.5
Kg/cm2@0 Vac		10.0	(1.94)		
2.81	0.00	11.7	1.14	11.0	9.0
	0.35	11.7	1.14	10.9	5.7
	0.70	11.7	1.14	10.9	2.8
	1.05	11.7	1.14	10.9	1.7
	1.41	11.4	1.01	10.9	0.7
1.76	11.2	0.69	10.9	<0.25	
2.11	10.8	0.19			
Kg/cm2@0 Vac		10.7	(2.25)		
3.16	0.00	12.5	1.07	11.6	9.4
	0.35	12.5	1.07	11.6	6.1
	0.70	12.5	1.07	11.6	3.3
	1.05	12.5	1.07	11.6	1.9
	1.41	12.5	1.07	11.6	0.9
1.76	12.1	0.95	11.5	<0.25	
2.11	11.7	0.57			
2.46	11.4	0.09			
Kg/cm2@0 Vac		11.3	(2.54)		
3.52	0.00	12.9	1.07	12.3	3.8
	0.70	12.9	1.07	12.2	2.4
	1.05	12.9	1.07	12.2	1.4
	1.41	12.9	1.07	12.2	0.9
	1.76	12.9	1.07	12.2	<0.25
2.11	12.5	0.95			
2.46	12.3	0.50			
2.81	11.9	0.06			
Kg/cm2@0 Vac		11.8	(2.89)		

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Operating Pressure		Metric			
Pressure		Model 484-A		Model 484-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)
4.22	0.00	14.0	1.07	13.4	10.4
	0.70	14.0	1.07	13.4	5.2
	1.41	14.0	1.07	13.4	2.4
	1.76	14.0	1.07	13.4	1.4
	2.11	14.0	1.07	13.4	0.9
	2.46	13.8	1.01	13.4	0.5
	2.81	13.6	0.76	13.3	<0.25
	3.16	13.2	0.32		
Kg/cm2@0 Vac		12.9	(3.38)		
4.92	0.00	15.0	1.07	14.6	10.9
	0.70	15.0	1.07	14.5	6.1
	1.41	15.0	1.07	14.5	3.3
	2.11	15.0	1.07	14.5	1.9
	2.46	15.0	1.07	14.5	1.4
	2.81	15.0	1.07	14.5	0.9
	3.16	14.8	0.95	14.5	0.5
	3.52	14.6	0.57	14.4	<0.25
3.87	14.2	0.13			
Kg/cm2@0 Vac		14.0	(3.94)		
5.62	0.00	15.9	1.07	15.5	11.3
	1.41	15.9	1.07	15.4	4.2
	2.11	15.9	1.07	15.4	2.4
	2.46	15.9	1.07	15.4	1.9
	2.81	15.9	1.07	15.4	1.4
	3.16	15.9	1.07	15.4	0.9
	3.52	15.9	1.07	15.4	0.5
	3.87	15.7	0.76	15.4	<0.25
4.22	15.4	0.38			
4.57					
Kg/cm2@0 Vac		15.2	(4.58)		
6.33	0.00	16.8	1.07	16.5	11.3
	1.41	16.8	1.07	16.4	4.7
	2.11	16.8	1.07	16.4	2.8
	2.81	16.8	1.07	16.4	1.9
	3.16	16.8	1.07	16.4	1.4
	3.52	16.8	1.07	16.4	1.2
	3.87	16.7	1.07	16.4	0.9
	4.22	16.7	0.95	16.4	0.5
4.57	16.4	0.63	16.4	<0.25	
4.92	16.2	0.25			
5.27					
Kg/cm2@0 Vac		16.0	(5.14)		
7.03	0.00	17.8	1.07	17.3	11.3
	1.41	17.8	1.07	17.2	5.2
	2.81	17.8	1.07	17.2	2.4
	3.52	17.8	1.07	17.2	1.7
	4.22	17.8	1.07	17.2	1.2
	4.57	17.6	1.07	17.2	0.9
	4.92	17.4	0.82	17.2	0.5
	5.27	17.2	0.50	17.2	<0.25
5.62	17.0	0.06			
Kg/cm2@0 Vac		16.9	(5.77)		
8.44	0.00	22.1	1.14	21.9	11.8
	2.81	22.1	1.14	21.8	3.3
	4.22	22.1	1.14	21.8	1.9
	5.62	22.0	1.01	21.8	0.9
	6.33	21.8	0.50	21.8	0.5
	6.68	21.5	0.25	21.8	<0.25
7.03					
Kg/cm2@0 Vac		21.3	(6.90)		
9.84	0.00	23.8	1.14	23.5	12.3
	2.81	23.8	1.14	23.5	4.2
	4.22	23.8	1.14	23.5	2.4
	4.92	23.8	1.14	23.5	1.9
	5.62	23.8	1.14	23.5	1.4
	6.33	23.8	1.01	23.5	0.9
	7.03	23.7	0.88	23.5	0.5
	7.73	23.4	0.44	23.4	<0.25
8.44					
Kg/cm2@0 Vac		23.2	(8.03)		