

Mazzei Model 283 Injector

Operating Pressure		Metric			
Injector Inlet (Kg/cm2)	Injector Outlet (Kg/cm2)	Model 283		Model 283	
		Motive Flow (l/m)	Liquid Suction (l/m)	Motive Flow (l/m)	Air Suction (l/m)
0.35	0.00	0.6	0.20		
	0.07	0.6	0.13		
	0.14	0.6	0.07		
	0.21	0.6	<.1		
	0.28				
Kg/cm2@0 Vac		0.6	(0.25)		
0.70	0.00	1.0	0.30		
	0.14	0.9	0.18		
	0.35	0.9	0.08		
	0.49				
	0.56				
Kg/cm2@0 Vac		0.8	(0.49)		
1.05	0.00	1.1	0.34		
	0.35	1.1	0.17		
	0.49	1.1	0.11		
	0.70	1.0	<.1		
	0.84				
Kg/cm2@0 Vac		1.0	(0.74)		
1.41	0.00	1.3	0.37		
	0.35	1.3	0.23		
	0.70	1.2	0.13		
	0.84	1.2	<.1		
	1.05				
Kg/cm2@0 Vac		1.1	(1.05)		
1.76	0.00	1.4	0.37		
	0.35	1.4	0.20		
	0.70	1.3	0.16		
	1.05	1.3	<.1		
	1.41				
Kg/cm2@0 Vac		1.3	(1.30)		
2.11	0.00	1.5	0.38		
	0.35	1.5	0.37		
	0.70	1.5	0.24		
	1.05	1.5	0.15		
	1.41	1.4	0.05		
Kg/cm2@0 Vac		1.4	(1.58)		
2.46	0.00	1.6	0.38		
	0.35	1.6	0.38		
	0.70	1.6	0.30		
	1.05	1.6	0.21		
	1.41	1.5	0.11		
Kg/cm2@0 Vac		1.5	(1.83)		
2.81	0.00	1.7	0.38		
	0.35	1.7	0.38		
	0.70	1.7	0.35		
	1.05	1.7	0.26		
	1.41	1.6	0.16		
Kg/cm2@0 Vac		1.6	(2.07)		
3.16	0.00	1.8	0.38		
	0.35	1.8	0.38		
	0.70	1.8	0.37		
	1.05	1.8	0.31		
	1.41	1.7	0.21		
Kg/cm2@0 Vac		1.7	(2.35)		
3.52	0.00	1.9	0.38		
	0.70	1.9	0.38		
	1.05	1.9	0.36		
	1.41	1.8	0.30		
	1.76	1.8	0.22		
Kg/cm2@0 Vac		1.7	(2.60)		

Operating Pressure		Metric			
Injector Inlet (Kg/cm2)	Injector Outlet (Kg/cm2)	Model 283		Model 283	
		Motive Flow (l/m)	Liquid Suction (l/m)	Motive Flow (l/m)	Air Suction (l/m)
4.22	0.00	2.1	0.38		
	0.70	2.1	0.38		
	1.41	2.1	0.36		
	1.76	2.1	0.31		
	2.11	2.0	0.24		
	2.46	2.0	0.15		
	2.81	2.0	0.08		
Kg/cm2@0 Vac		2.0	(3.20)		
4.92	0.00	2.2	0.38		
	0.70	2.2	0.38		
	1.41	2.2	0.38		
	2.11	2.2	0.33		
	2.46	2.2	0.25		
	2.81	2.2	0.18		
	3.16	2.2	0.12		
Kg/cm2@0 Vac		2.1	(3.80)		
5.62	0.00	2.3	0.38		
	1.41	2.3	0.38		
	2.11	2.3	0.38		
	2.46	2.3	0.35		
	2.81	2.3	0.28		
	3.16	2.3	0.21		
	3.52	2.3	0.15		
Kg/cm2@0 Vac		2.2	(4.26)		
6.33	0.00	2.5	0.38		
	1.41	2.5	0.38		
	2.11	2.5	0.38		
	2.81	2.5	0.36		
	3.16	2.5	0.29		
	3.52	2.5	0.22		
	3.87	2.4	0.15		
Kg/cm2@0 Vac		2.4	(4.78)		
7.03	0.00	2.6	0.38		
	1.41	2.6	0.38		
	2.81	2.6	0.38		
	3.52	2.6	0.32		
	4.22	2.6	0.19		
	4.57	2.6	0.15		
	4.92	2.6	0.08		
Kg/cm2@0 Vac		2.6	(5.34)		
8.44	0.00	2.9	0.38		
	2.81	2.9	0.38		
	4.22	2.9	0.33		
	5.62	2.9	0.15		
	6.33	2.8	0.06		
	7.03				
	Kg/cm2@0 Vac		2.8	(6.54)	
9.84	0.00	3.1	0.40		
	2.81	3.1	0.40		
	4.22	3.1	0.40		
	4.92	3.1	0.37		
	5.62	3.1	0.28		
	6.33	3.1	0.19		
	7.03	3.1	0.08		
Kg/cm2@0 Vac		3.1	(6.94)		

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