

MORGAN PRODUCTS

PNEUMATIC CHEMICAL PUMPS FOR THE GAS AND OIL INDUSTRIES

Pneumatic Chemical Injectors

Model (No Timer)	Plunger Displacement	Pump Ratio	Stroke Length in - cm.	Connections All NPT Input/Output	Maximum Discharge PSI - BAR	Output Per Hour Gal. / Lts.
55DS	.2 cc	54:1	3/4 - 1.91	1/4 -M / 1/4-F	8100 - 558	.01 - .12 / .05 - .46
125/125DS	.8 cc	31:1	1 - 2.54	1/4 -M / 1/4-F	4650 - 320	.06 - .63 / .24 - 2.4
225/225DS	.8 cc	69:1	1 - 2.54	1/4 -M / 1/4-F	10000 - 689	.06 - .63 / .24 - 2.4
325/325DS	.8 cc	122:1	1 - 2.54	1/4 -M / 1/4-F	15000 - 1034	.06 - .63 / .24 - 2.4
425/425DS	.8 cc	217:1	1 - 2.54	1/4 -M / 1/4-F	15000 - 1034	.06 - .63 / .24 - 2.4
235/235DS	1.8 cc	31:1	1 - 2.54	1/4 -M / 1/4-F	4650 - 320	.15 - 1.5 / .55 - 5.5
335/335DS	1.8 cc	54:1	1 - 2.54	1/4 -M / 1/4-F	8100 - 558	.15 - 1.5 / .55 - 5.5
435/435DS	1.8 cc	97:1	1 - 2.54	1/4 -M / 1/4-F	10000 - 689	.15 - 1.5 / .55 - 5.5
275/275DS	3.2 cc	17:1	1 - 2.54	1/2 -M / 1/4-F	2550 - 175	.25 - 2.5 / .95 - 9.5
375/375DS	3.2 cc	31:1	1 - 2.54	1/2 -M / 1/4-F	4650 - 320	.25 - 2.5 / .95 - 9.5
475/475DS	3.2 cc	54:1	1 - 2.54	1/2 -M / 1/4-F	8100 - 558	.25 - 2.5 / .95 - 9.5
3755/3755DS	7.2 cc	14:1	1 - 2.54	3/4 -M / 1/2-F	2100 - 144	.56 - 5.6 / 2.1 - 21
4755/4755DS	7.2 cc	24:1	1 - 2.54	3/4 -M / 1/2-F	3600 - 248	.56 - 5.6 / 2.1 - 21
3500/3500DS	12.8 cc	8:1	1 - 2.54	3/4 -M / 1/2-F	1200 - 83	1 - 10 / 3.9 - 39
4500/4500DS	12.8 cc	14:1	1 - 2.54	3/4 -M / 1/2-F	2100 - 144	1 - 10 / 3.9 - 39
880DS	19.7 cc	31:1	2 - 5.10	3/4 -M / 1/2-F	4650 - 320	1.1 - 11 / 4.1 - 41
1255DS	40.0 cc	14:1	2 - 5.10	1-1/2-M / 3/4-F	2100 - 144	2.2 - 22 / 8.4 - 84
5500DS	154.0 cc	6:1	3.1 - 7.87	1-1/2-M / 3/4-F	900 - 62	9 - 90 / 34 - 341
8500DS	154.0 cc	14:1	3.1 - 7.87	1-1/2-M / 3/4-F	2100 - 144	9 - 90 / 34 - 341

Notes:

All pumps require TR1 timing relay, TR2 timing relay or electric solenoid valve.

All 400 and 4000 series pumps require SR1S snap action relay.

Model 800DS, and larger require SR2S snap action relay.

Maximum stroke rate for all pumps is 50 SPM. Exception 800DS and larger 35 SPM.

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