

MORGAN PRODUCTS

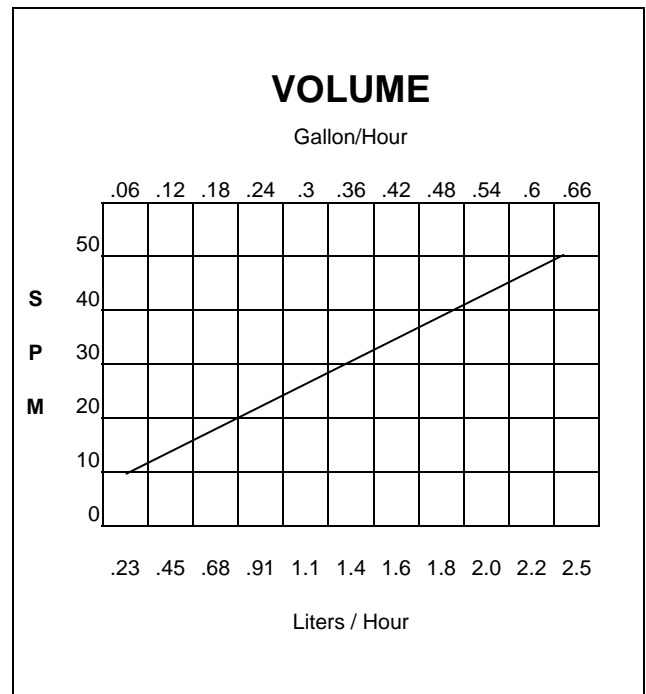
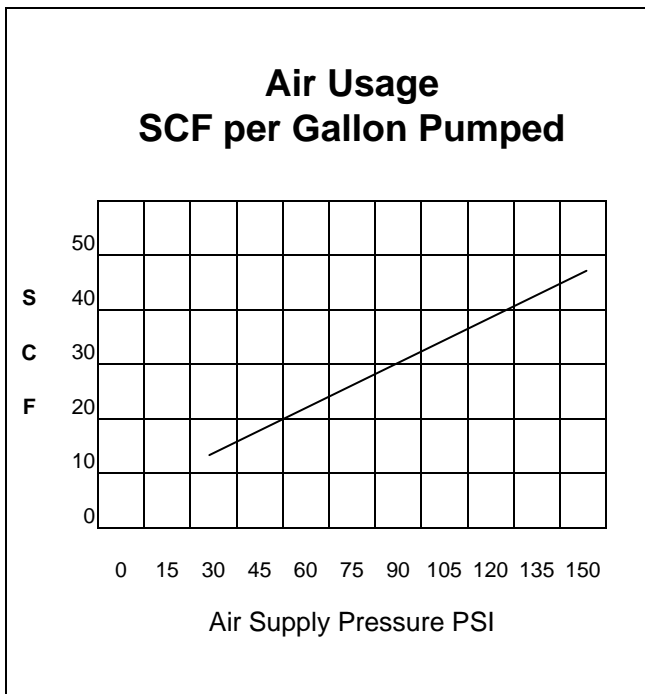
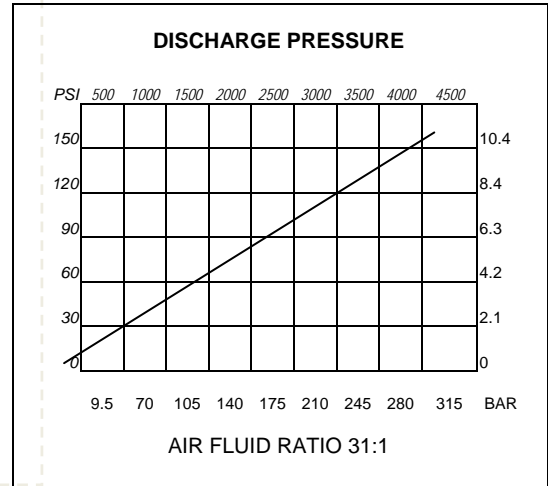
PNEUMATIC CHEMICAL PUMPS FOR THE GAS AND OIL INDUSTRIES

Setup and Features Model 125DS

All stainless steel construction. Standard plunger material is 17-4 stainless with Titanium Nitride coating. Titanium Nitride is an extremely hard ceramic material. All fluid components are 316 SS, air drive is a mix of 300 series stainless. Standard pressure seal is Graphite filled Teflon. Check valves have Teflon seats. Piston return spring is Teflon coated for increased performance. All pumps are individually tested for performance and quality.

INSTALLATION INSTRUCTIONS

1. Discard all red plastic closures.
2. Connect suction check valve, to a gravity fed chemical source.
3. Connect discharge check valve, to process line.
4. Connect a regulated air or gas supply, to the timing relay.
5. Open bleeder valve until chemical flows from bleeder.
6. Set regulator at 10 to 15 psi ABOVE the pressure required.
(See discharge pressure graph).
7. Set cycle rate in strokes per minute.



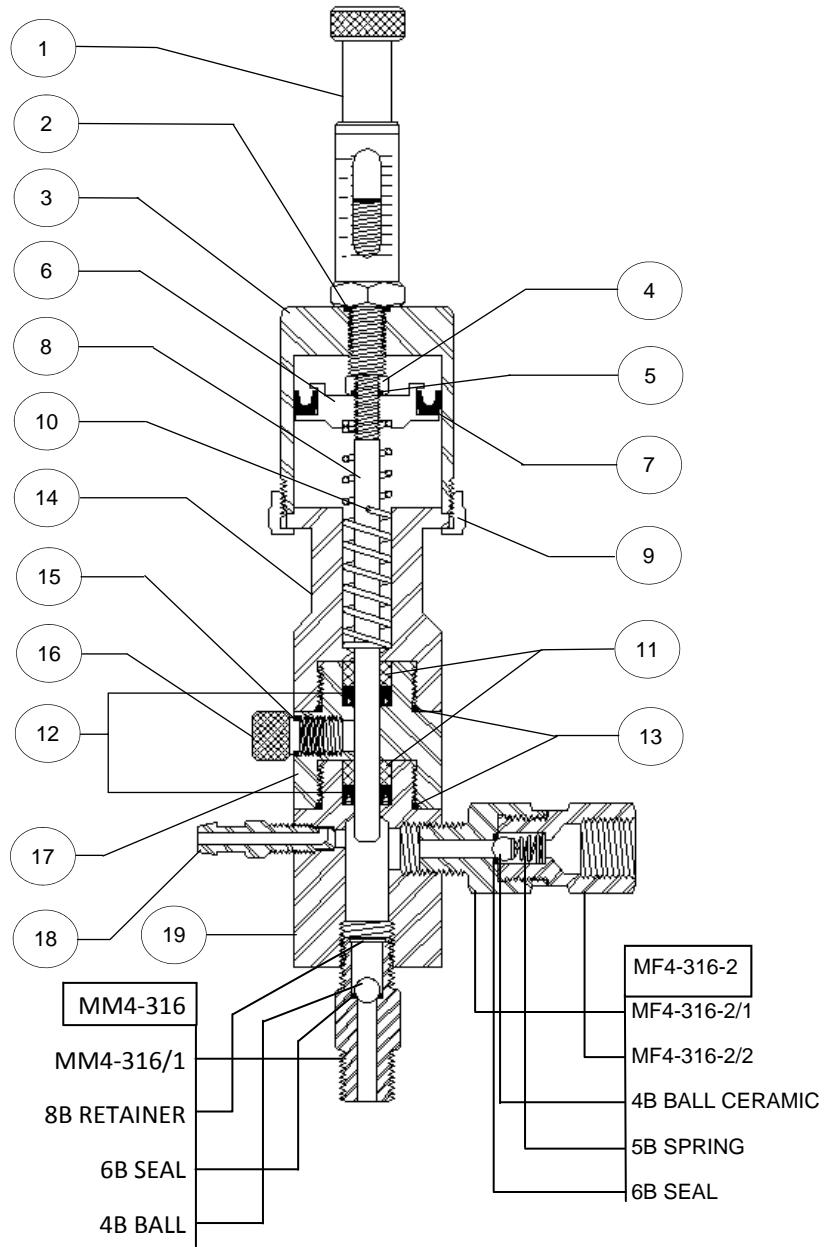
MORGAN PRODUCTS INC. 28103 Avenue Stanford / Valencia, CA 91355

(661) 257-3022 / (800) 421-8910 / Fax (661) 257-3385

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Parts List Model 125DS



NO	NAME	PART NO.
1	Stroke Adjuster	100-1B
2	O-Ring Seal	100-3 *
3	Air Chamber	100-4
4	Piston Locknut	100-7
5	O-Ring Seal	100-11 *
6	Piston	100-8
7	Piston Seal	100-9 *
8	Plungers: 17-4 TN Standard Optional 316 SS Carpenter 20	100-65 * 125-65 100-68
9	Air Chamber Ring	100-5
10	Return Spring	100-13 *
11	Back Up Ring	100-19 *(2)
12	Pressure Seals: TG Standard Optional Buna-N Viton Fluoraz	100-20 +*(2) 100-20B 100-20V 100-20F
13	O-Ring Seal	100-21 *(2)
14	Oil Chamber	100-14
15	O-Ring Seal	100-11
16	Grease Plug	125-31
17	Double Seal Body	125-64
18	Bleeder Plug	125-22
19	Fluid Chamber	125-23
	1/3 oz. Grease	*
	Repair Kits: 17-4TN Plunger 316 Plunger	100-70 125-70
	Seal Sets: TG Buna-N Viton Fluoraz	100-48 100-48B 100-48V 100-48F

* = Included in Repair Kit

+ = Included in Seal Set

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