

SAMPLE CODE: **P14-SS-EVV-S**

1

Piston Size x Plunger Size	Code
1.5" x 1/4"	P14
2.25" x 1/4"	P24
3" x 1/2"	P38

2

Plunger Material	Code
17-4 SST	SS
Ceramic Coated	CC

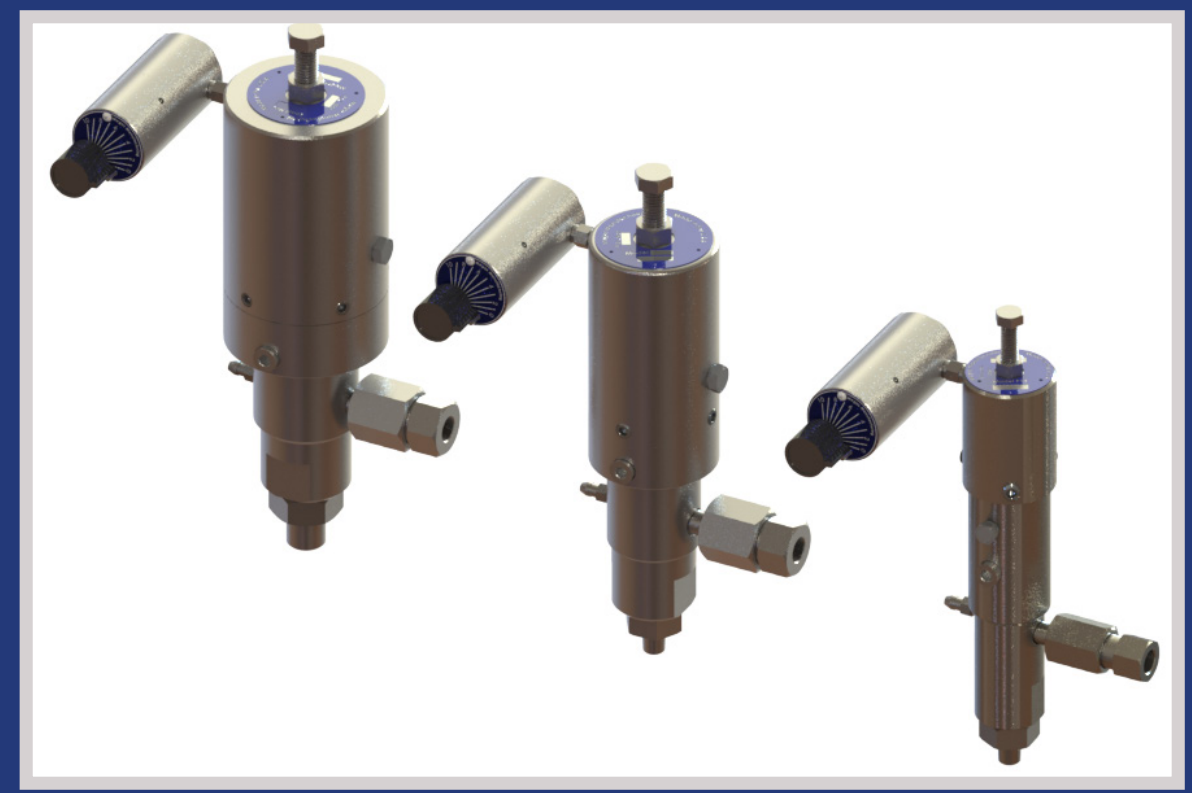
3

Seal Material	Code	O Ring Material	Code	Check Seat/ Seal Material	Code
ETP	E	Viton	V	TFE/TFE	T
UHMWPE	U	Buna	B	TFE/Viton	V
FFKM	F	FFKM	F	TFE/Buna	B
Buna	B			TFE/FFKM	F
Viton	V				
Glass Moly	G				
Carbon/Graphite/ TFE	Q				

GAS EMISSION PER STROKE (SCF)

Supply Pressure	P14	P24	P38	Supply Pressure	P14	P24	P38
20 PSI	0.0024	0.0054	0.0097	90 PSI	0.0073	0.0164	0.0291
30 PSI	0.0031	0.007	0.0124	100 PSI	0.008	0.018	0.0319
40 PSI	0.0038	0.0086	0.0152	110 PSI	0.0087	0.0195	0.0347
50 PSI	0.0045	0.0101	0.018	120 PSI	0.0094	0.0211	0.0375
60 PSI	0.0052	0.0117	0.0208	130 PSI	0.0101	0.0226	0.0403
70 PSI	0.0059	0.0133	0.0236	140 PSI	0.0108	0.0242	0.043
80 PSI	0.0066	0.0148	0.0264	150 PSI	0.0115	0.0258	0.0458

MEGAS MANUFACTURING



PNEUMATIC PUMP



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FEATURES:

- Simplistic Design
- Minimum Cycling of 3 Strokes Per Minute
- Sealed Lubrication Chamber
- Engineered, Coated Springs

BENEFITS:

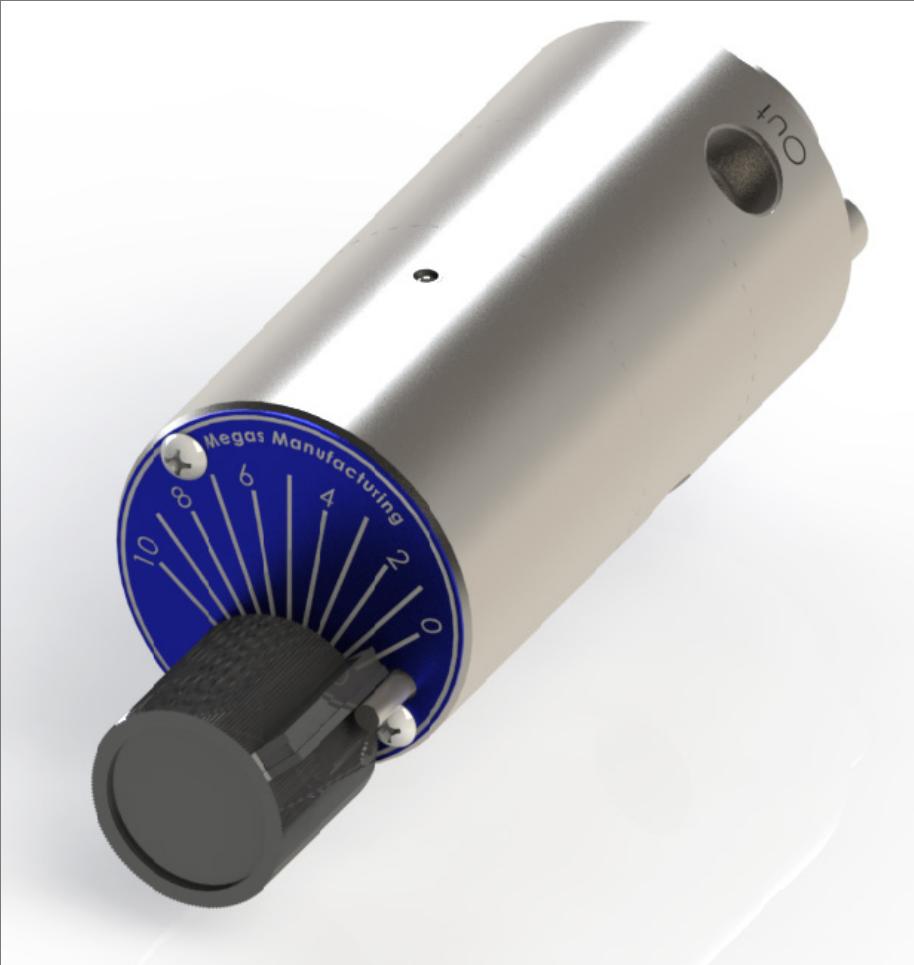
- Field Repairs Made Easy
- Easy Installation and Retrofit
- Ultra-Low Minimum Flow Rates
- Longer Spring Life

MATERIALS OF CONSTRUCTION:

- Wetted Parts: 316 SST
- Plunger: 17-4 SST
(Ceramic Coating Available)
- Piston: 303 SST
- Piston Housing: 303 SST
- Timer Body: 303 SST
- Check Balls: 316 SST (Carbide Available)

SOFT GOODS:

- Seal Options: ETP, UHMWPE, FFKM, TFE/Carbon/Graphite
- O-Ring Options: Viton, Buna, FFKM
- Check Seats: TFE
- U Cup: Lubrithane



OPERATING SPECIFICATIONS

Model	P14	P24	P38
Max Discharge* (PSI)	4,500	10,500	4,500
Max Flow (Quarts/Day)	85	62	245
Min Flow (Quarts/Day)	.75	1.25	5
Supply : Discharge Ratio	1:31	1:75	1:33
Max Strokes/Minute	70	50	50

*150 PSI Supply

Precisely engineered with simplicity in mind, our products are trusted hardware that offers versatility to chemical injection applications. We build our business on relationships and seek to solve technical challenges with you. Our staff is knowledgeable, answers are timely, and solutions are deployed quickly. Most importantly, we ensure that your downtime is minimal. Trust Megas Manufacturing to fulfill all your chemical metering needs and get the job done!

Custom configurations available. Contact us with an MSDS for recommendations.

