

ARTISAN®
TECHNOLOGY GROUP

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Artisan Technology Group
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with experienced engineers and technicians on staff.

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Custom engineering
so your equipment works exactly as you specify.

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PROCON® Products

Series 1, 2, & 3 Pumps

- Positive Displacement Rotary Vane Pump
- Flow ranging from 15 to 140 gallons per hour at discharge up to 250 psi
- Self Priming
- Maintenance Free
- Low Vibration and Pulsation Characteristics

Clamp-on or bolt-on available

- Stainless Steel, Brass and Low Lead Brass (0.20% Max Lead)
- Patented Relief Valve Configuration
- Models compatible with 48YZ Frame and 56C Frame Motors

(Adapter and Coupling required for 56C Frame Mounting)





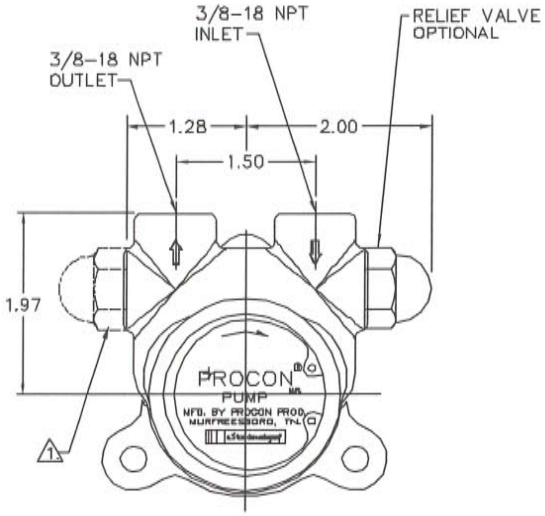


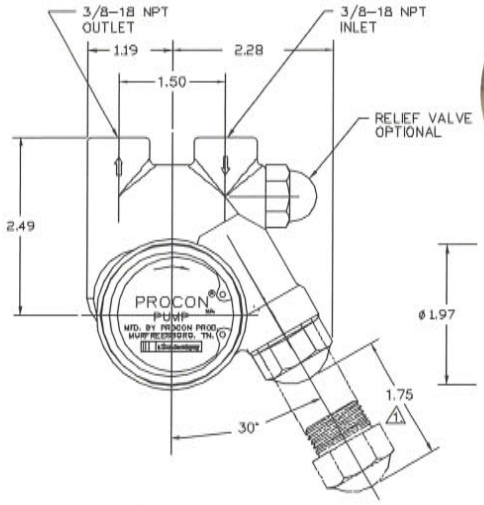
SPECIFICATIONS

Body Material	Type 303 stainless steel or brass
Capacity	15 to 125 GPH
Nominal Speed	1725 RPM
Typical Horsepower Required	.25 to .50 HP
Maximum Discharge Pressure	250 PSI
Rotation (viewed from nameplate end)	Clockwise
Dry Weight	Approximately 2.5 lbs.
Dimensions	3.56" x 3.49" x 3.86"
Self Priming (water)	6 ft. Maximum Lift
Port Size	3/8 NPT Inlet and Outlet

TYPICAL APPLICATIONS

- Carbonation
- Espresso/Coffee
- Welding
- Cold Carb Circulation
- Reverse Osmosis
- Beer Chillers
- Pesticide Systems
- Solar Applications





PROCON® Products

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Standex
ESSENTIAL PRODUCTS FOR YOUR WORLD

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"QUALITY PRODUCTS – DELIVERED ON TIME"

nsai ISO 9001:2000 QUALITY

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SERIES 1, 2 & 3 Nominal Volume at 1725 RPM (See note on Series 6)

FLOW RATE (GPH)	GALLONS PER HOUR					BRAKE HORSEPOWER				
	PRESSURE (PSI)					PRESSURE (PSI)				
	50	100	150	200	250	50	100	150	200	250
140	143	141	139	137	135	.17	.28	.40	.52	.63
125	128	126	124	122	120	.16	.26	.36	.47	.57
110	111	109	107	105	103	.15	.25	.34	.44	.54
100	102	100	98	96	94	.13	.20	.28	.35	.42
80	82	80	78	76	74	.12	.18	.25	.32	.39
70	72	70	68	66	64	.11	.17	.24	.30	.37
60	62	60	58	56	54	.10	.16	.23	.29	.35
50	52	50	48	46	44	.09	.15	.21	.27	.33
35	37	35	33	31	29	.08	.14	.19	.24	.29
25	27	25	23	21	19	.07	.12	.17	.22	.27
15	17	15	13	11	-	.06	.10	.15	.19	-

Series 1 - 6 Rotary Vane pumps - Model Number Matrix



NOTES:
1. Brass pumps are NSF listed for potable water only. Stainless steel pumps are NSF listed for potable and carbonated water. (Nitrile elastomer only.)
2. Bolt on model with .25" double flat drive for use in Japan only. (No NSF available.)
3. Counterclockwise rotation not available for Series 1 pumps.
4. For the Beverage Industry - the default relief valve pressure setting is 250 PSI.
5. The relief valve pressure setting is not part of the model matrix number. It is for customer reference only.
6. This pressure range is not available in valve configurations C, D, K or L.
7. Passivation is defined as a passivated housing only. No other parts are passivated.
8. The EP elastomer is no longer available for Series 6 pumps.
9. Neoprene elastomer not available for the following relief valve configurations: C, D, F, 3, 4, 5, and 6.
10. GPH rating at 60HZ (1750 RPM) - LPH rating at 50HZ (1400 RPM).
11. Long clamp on pumps are series 1 and 4 only

Dwg #2033 Rev EE MEA 9-1-09

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Gold-standard solutions

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