

Procon Rotary Vane Pump Series 5

Overview

The Rotary Vane Pump Series 5 is a high-performance pump designed for industrial applications requiring consistent, reliable fluid transfer. Operating on the rotary vane principle, this pump efficiently handles low to medium viscosity fluids such as fuels, lubricants, and non-corrosive chemicals.



Produk Details:

- Consistent flow rate across variable pressures
- Self-priming (water) and maintenance-free with low vibration and pulsation characteristics
- Internal Relief Valve External adjust configuration
- Stainless Steel Housing Material
- NPT 1/2" Inlet and Outlet Connections
- Constructed with Fluorocarbon Elastomers
- Flowrate of 190GPH (575LPH)*
- Fluid Operating Temperature of between -4°F to 320°F (-20°C to 160°C)¹
- Maximum Mechanical Horsepower required 0.75hp (559W)²

Top Feature

- Stable Flow Output – 190 GPH (575 LPH)
- Compact & Clamp-On Design – Quick installation
- High Temperature Tolerance – Up to 320° F
- Quiet Operation – Maximum 60 dB(A)
- Corrosion-Resistant – Built with stainless steel housing and carbon internals
- Smart Valve Adjustment – External solid Ultem valve with custom tuning

Specification

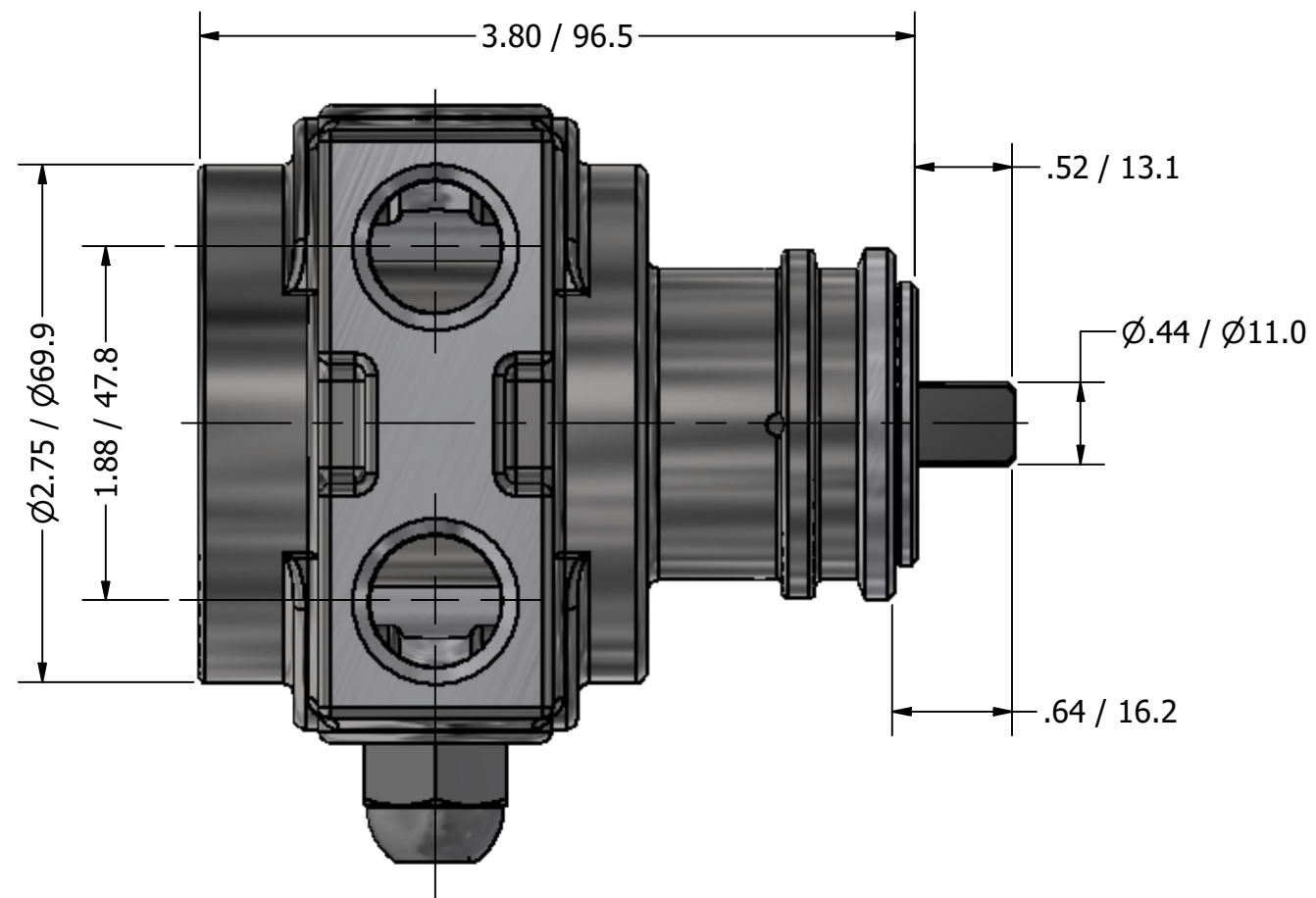
- Flow Rate GPH: 190GPH
- Flow Rate LPH :575LPH
- Material :Stainless Steel
- Port Hole: NPT 1/2"
- Mounting Type: Clamp-On
- Drive Configuration: Double Flat
- Elastomer: Fluorocarbon
- Seal Type: Non Balances Ceramic/ Carbon
- Rotation: Clockwise
- Internal Component Material: Carbon
- Internal Component Clearance: Special Clearance for High Temperature Applications: Valve Type
- Solid- Ultem: ValveConfiguration
- Product Weight: 3.88lb (1.76Kg)

Operating Range

- Max Operating Pressure: 150psi
- Maximum Mechanical Power Requirement: 0.75hp (559W)
- Relief Valve Set Pressure Range: 151 to 250psi (10 to 17.5 BAR)
- Max Static Pressure PSI: 100psi
- Min Operation Fluid Temperature: -4°F
- Max Operation Fluid Temperature: 320°F
- Max Fluid Viscosity: 100cP
- Max Sound Level: 60dB(a)
- Max Discharge Pressure: 250psi
- MinSpeed: 1000RPM
- Max Speed: 2400RPM
- Dry Suction Lift: 3.3ft
- Wet Suction Lift: 6.6ft
- Fluid Acidic: 2-11

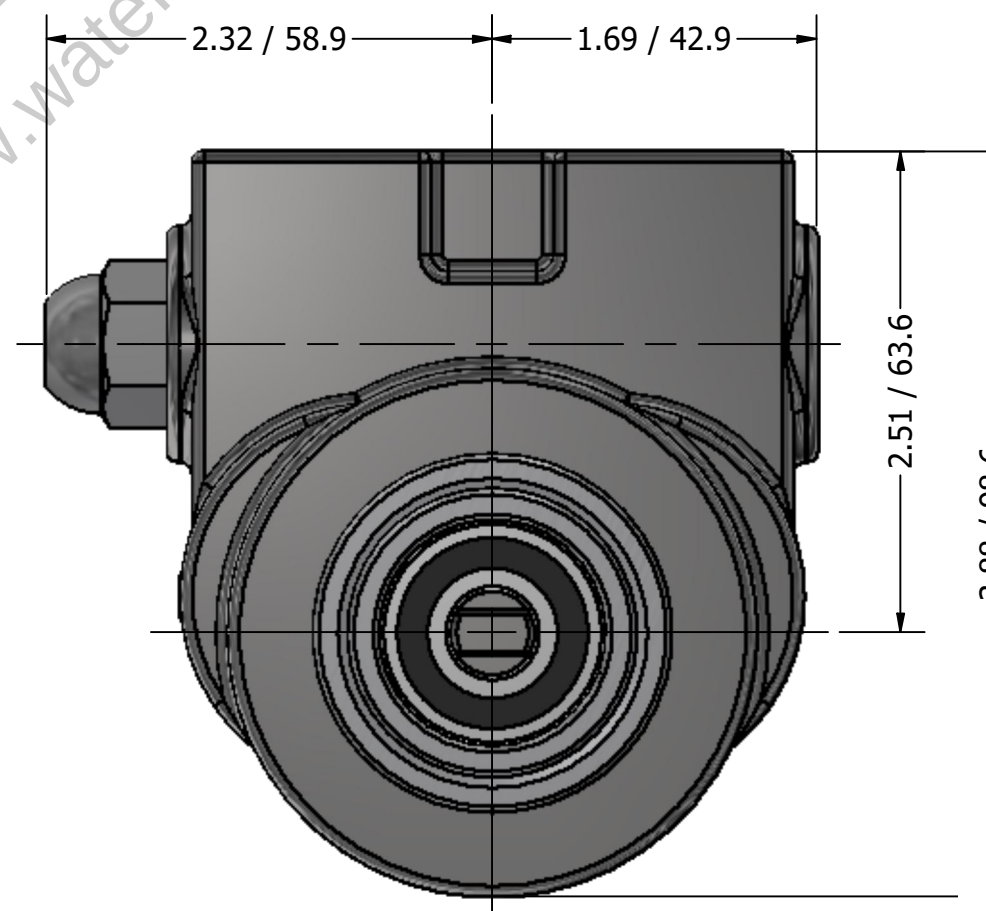
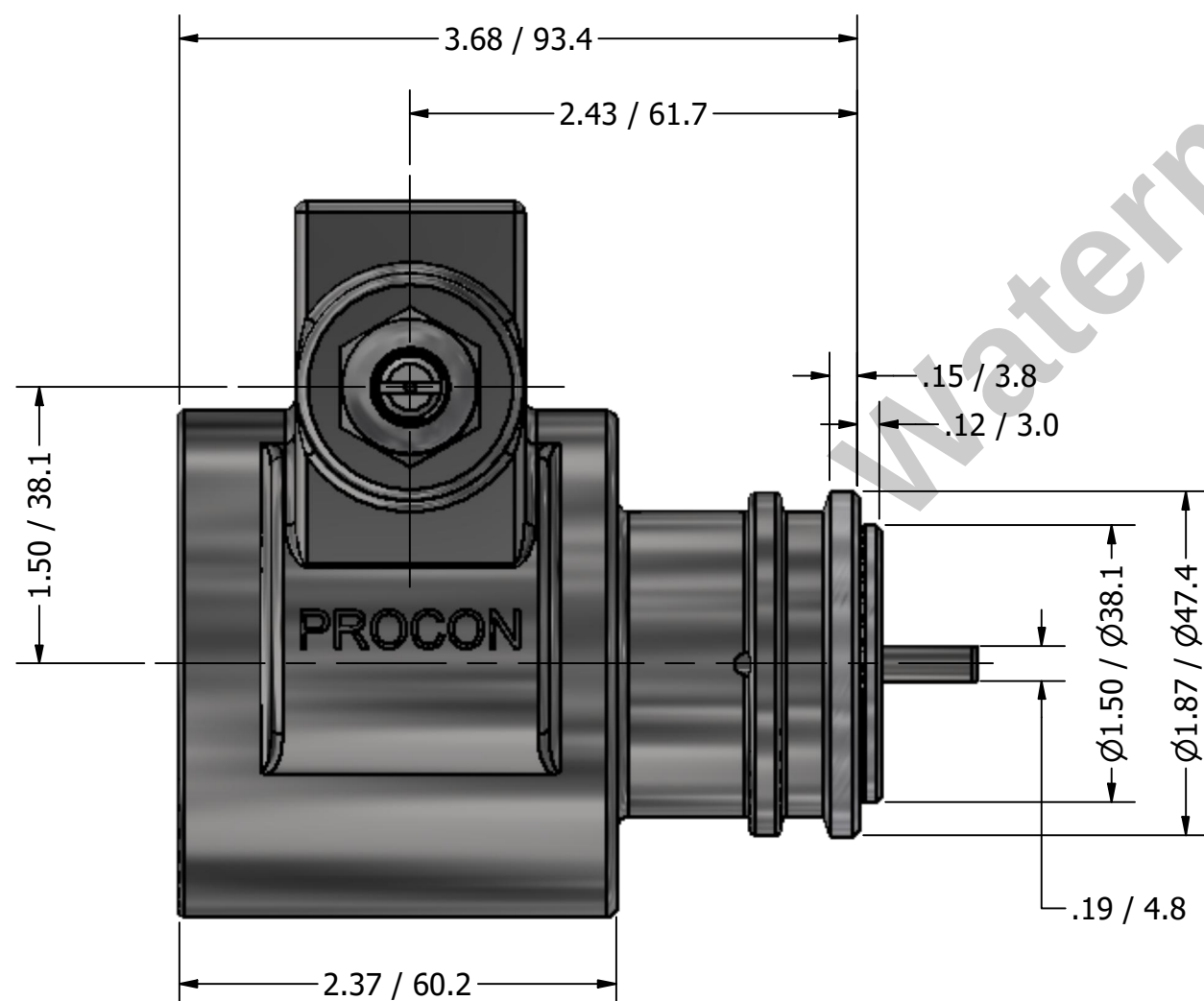
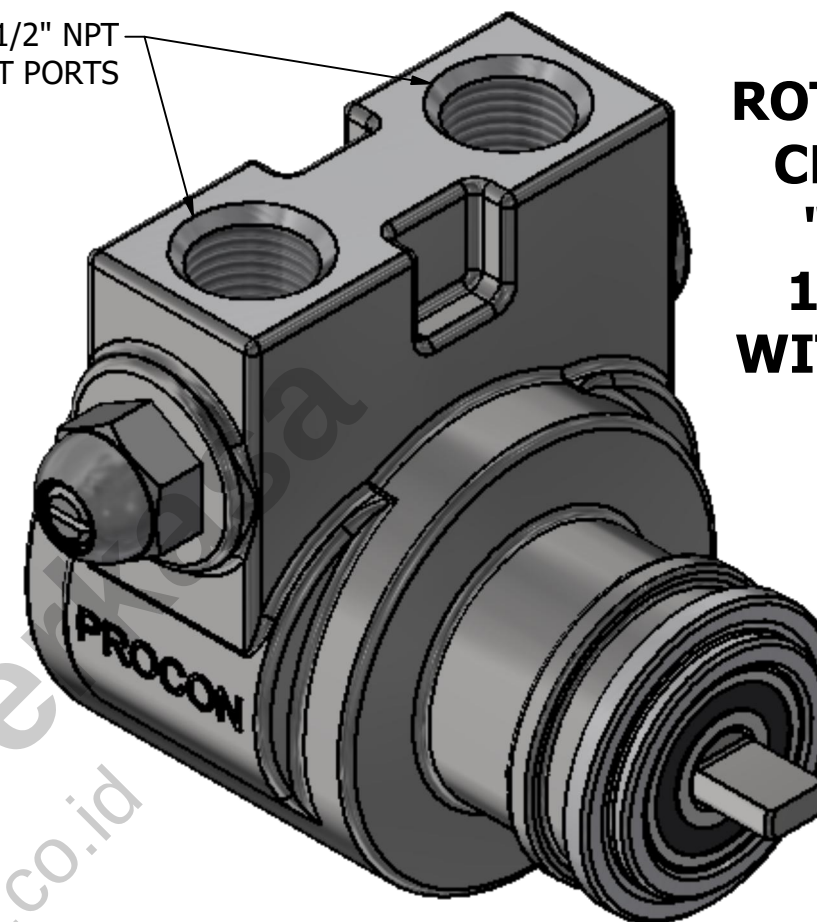


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1/2" NPT
INLET/OUTLET PORTS

**SERIES 5
ROTARY VANE PUMP
CLAMP-ON STYLE
"A" MOUNTING
1/2" NPT PORTS
WITH RELIEF VALVE**



PROCON®

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Series 4 and 5 Nominal Volume*

Flow rate (GPH/ LPH)	Gallons Per Hour/Liters Per Hour					Brake Horsepower/Watts (motor shaft power)				
	Pressure (PSI/Bar)					Pressure (PSI/Bar)				
	50/3.4	100/6.9	150/10.3	200/13.8	250/17.5	50/3.4	100/6.9	150/10.3	200/13.8	250/17.5
330/1,000	331/1,034	330/1,031	328/1,025	327/1,022	326/1,019	0.33/246	0.55/410	0.78/581	1.00/745	1.22/909
265/800	265/828	263/822	261/816	259/809	257/803	0.24/179	0.43/320	0.63/469	0.82/611	1.01/753
240/725	243/759	240/750	236/738	232/725	228/713	0.21/157	0.37/276	0.54/402	0.70/522	0.86/641
215/650	218/681	215/672	211/659	207/647	203/634	0.20/149	0.35/261	0.50/3723	0.65/484	0.80/596
190/575	193/603	190/594	189/591	182/569	178/556	0.18/134	0.33/246	0.47/351	0.61/455	0.75/559
165/500	168/525	165/516	161/503	157/491	153/478	0.17/127	0.30/224	0.43/320	0.57/425	0.70/522
140/425	143/447	140/438	136/425	132/413	128/400	0.16/119	0.28/209	0.40/298	0.52/387	0.64/477
115/350	116/363	115/359	111/347	107/334	103/322	0.15/112	0.25/186	0.35/261	0.45/335	0.55/410

*GPH rating at 1725 RPM/60Hz and LPH rating at 1450 RPM/50Hz.

Performance based on pump tested with water at room temperature For certificate of compliance or declarati
please visit www.proconpumps.com or email productcompliance@proconpump.com

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