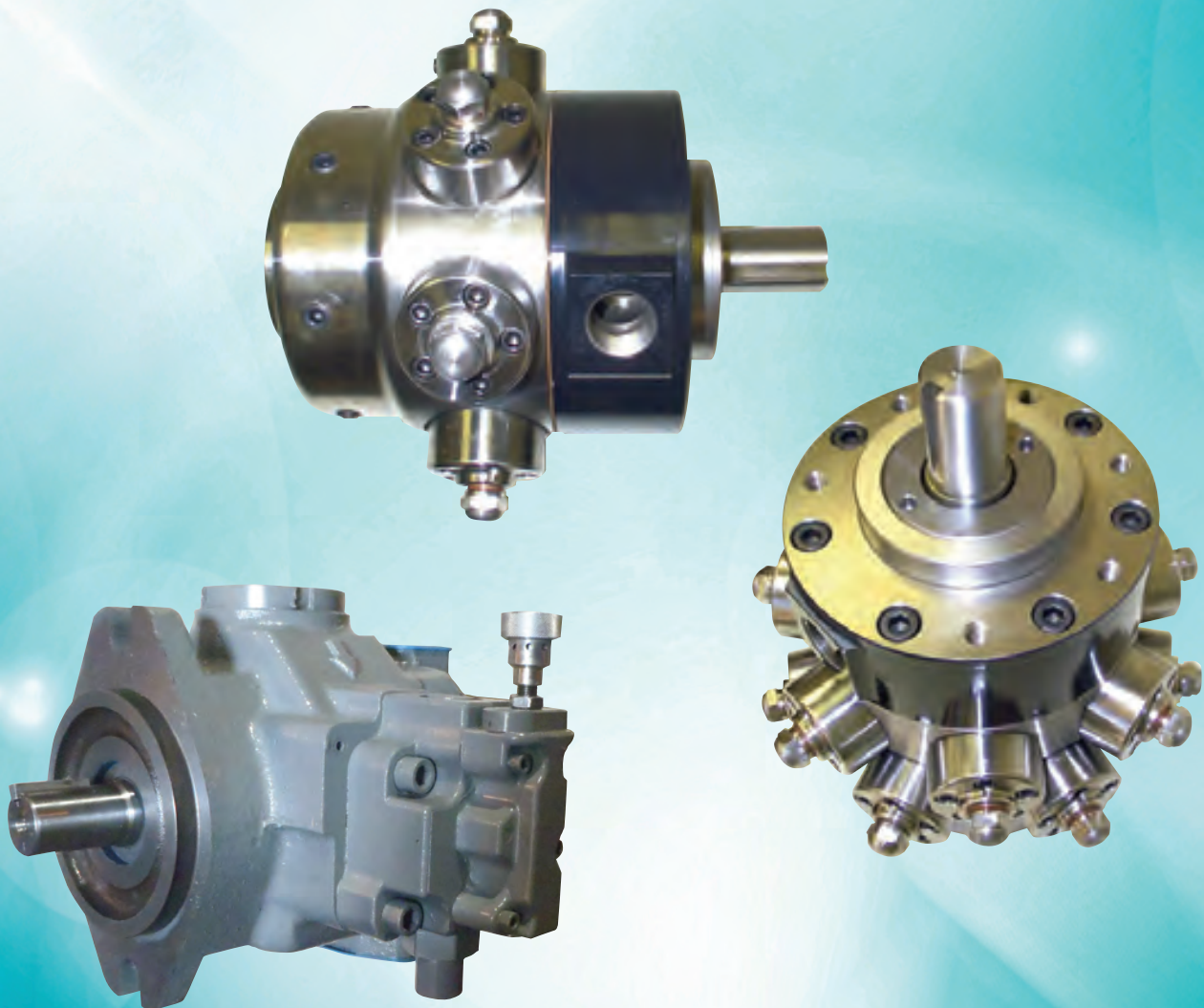




Fluidyne[™]
FLUID POWER

Racine Vane and Radial Pumps

- PSV 10/15, 20/25
- PSV 40, 80, 100
- PVF, PVQ, PVR, PVK, PVT, PVS, VPV
- C11, H20, H80



www.FluidyneFP.com

FluiDyne Fluid Power leads the industry as the premiere “customer centric” organization. From first contact with Customer Service through Manufacturing and Shipping, FluiDyne seeks to provide best in class service and support. Our Customer Service is empowered to work with customers to find the best product, delivery and can resolve any problems which may develop along the way. Both Engineering and Application Engineering are available to help with circuit design, installation and/or trouble shooting issues.

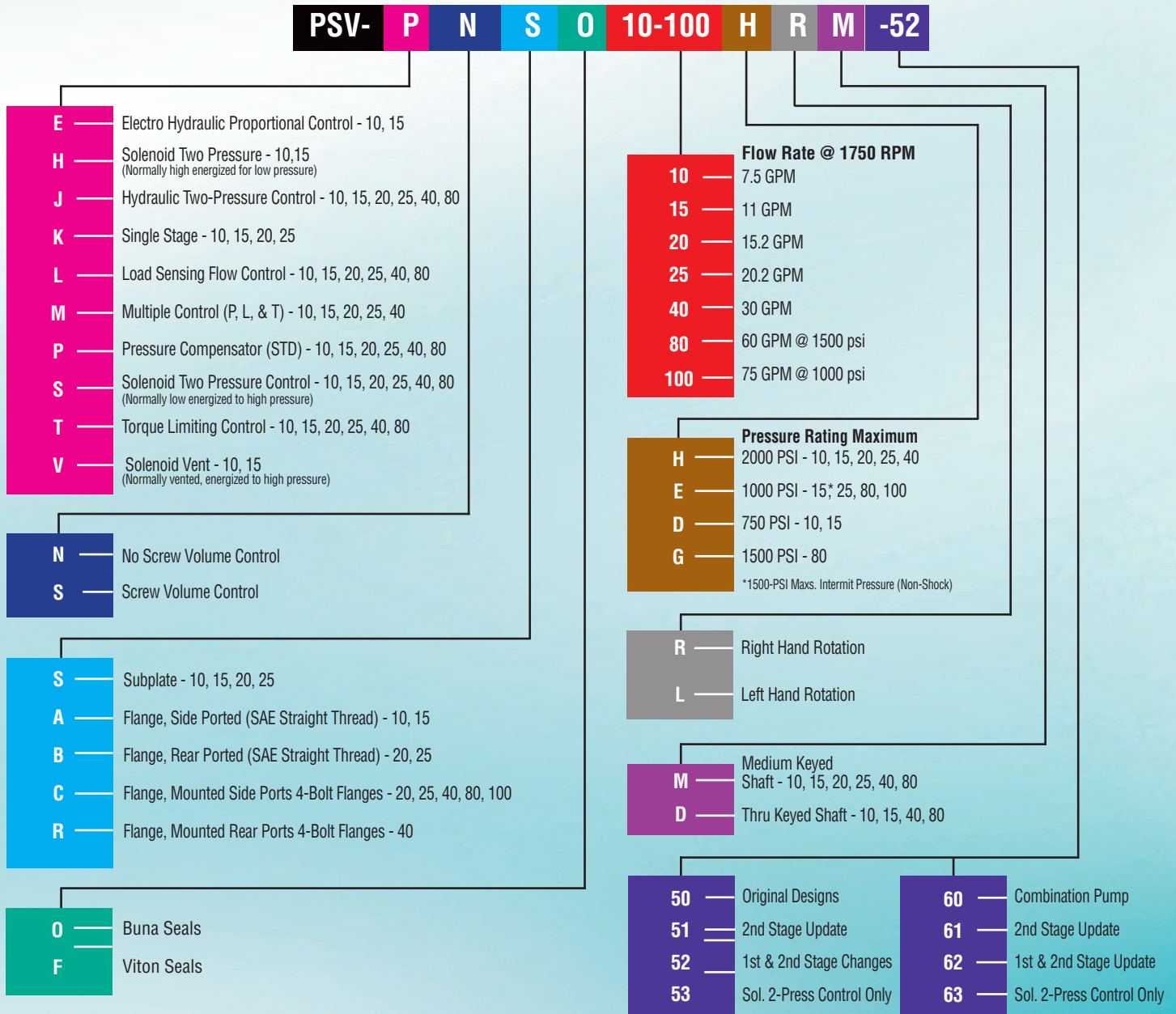
Customers appreciate our large inventory, performance testing, rapid shipments and dedication to detail.

FluiDyne’s large selection of Racine cores enables us to build various sizes and types of Racine product and have it shipped by the next business day. Our pumps are tested and inspected prior to shipping by our quality department. We carry a complete line of Racine PSV pumps available in sizes 10-100.



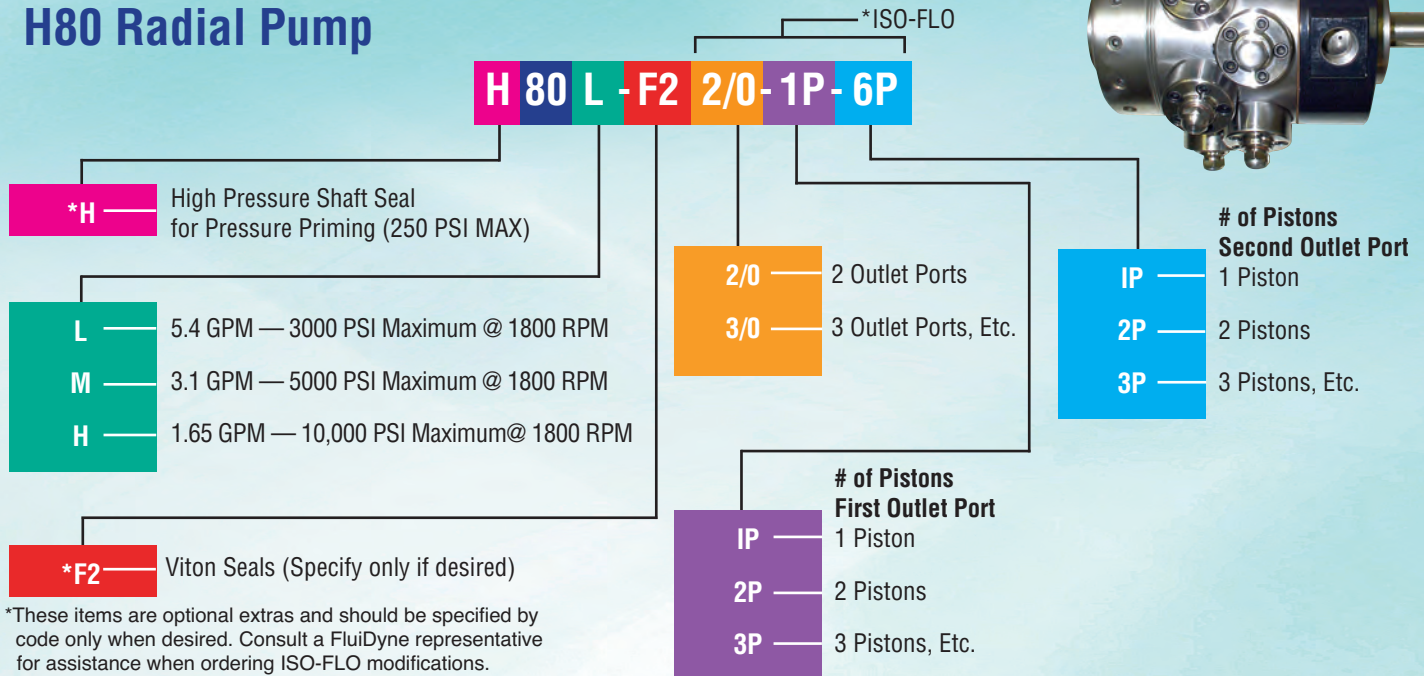
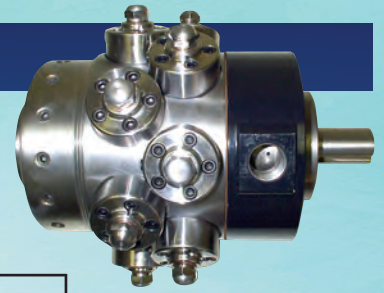
PSV Model Code Breakdown

Variable Volume Silent Vane Pumps PSV 10/15, 20/25, 40, 80, 100



Radial Pump Model Code Breakdown

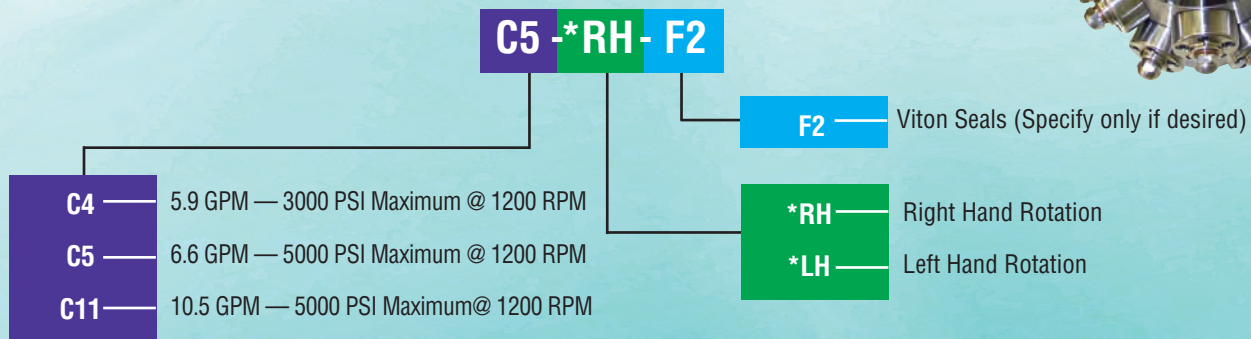
H80 Radial Pump



Foot mounting bracket must be ordered separately in addition to the model number selected.

Example: (1) 80H Pump
(1) PF8-10S Foot mounting bracket

C11 Radial Pump



*Direction of rotation applies only to the Model C5 pump and must be specified by code number when ordering a C5 unit.

Foot mounting and flange mounting brackets must be ordered separately in addition to the model number selected.

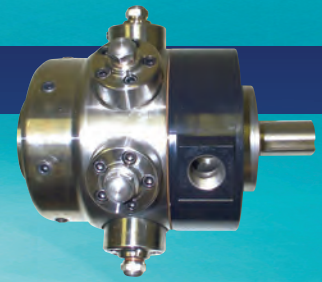
Example: Foot Mounting Bracket
(1) C11-F2 Pump
(1) PFC-10S Foot Mounting Bracket

Flange Mounting Bracket
(1) C11-F2 Pump
(1) FPFC-10S Flange Mounting Bracket

Note: When foot mounting bracket is not used, any other style of bracket that will clamp around the cylindrical projection of the shaft end cover plate may be substituted.

Radial Pump Model Code Breakdown

H2O Radial Pump



H 20 H-F2 - 2/0 - 1P - 6P *ISO-FLO

- *H** — High Pressure Shaft Seal For Pressure Priming (250 PSI MAX)
- L** — 1.25 GPM — 3000 PSI Maximum @ 1800 RPM
- H** — 0.79 GPM — 6000 PSI Maximum @ 1800 RPM
- *F2** — Viton Seals (Specify only if desired)

- 2/0** — 2 Outlet Ports
- 3/0** — 3 Outlet Ports, Etc.
- IP** — 1 Piston
- 2P** — 2 Pistons
- 3P** — 3 Pistons, Etc.

- # of Pistons Second Outlet Port**
- IP** — 1 Piston
- 2P** — 2 Pistons
- 3P** — 3 Pistons, Etc.

Note: When foot mounting bracket is not used, any other style of bracket that will clamp around the cylindrical projection of the shaft end cover plate may be substituted.

*These items are optional extras and should be specified by code only when desired. Consult a FluiDyne representative for assistance when ordering ISO-FLO modifications.

Foot mounting bracket must be ordered separately in addition to the model number selected.
Example: Foot Mounting Bracket
 (1) H202 Pump
 (1) PF2-10S Foot Mounting Bracket

Repair Kits

Part Number	Description
PSV 10 Repair Kits	
WF794107	Standard Shaft Viton
WF794109	Double End Thru Shaft Viton
WF794395	Combo Shaft Viton
PSV 15 Repair Kits	
WF794110	Standard Shaft Viton
WF794111	Double End Thru Shaft Viton
WF794397	Combo Shaft Viton
PSV 20 Repair Kits	
WF794131	Short Shaft Viton
WF794133	Medium Keyed Shaft Viton
WF794135	Long Keyed Shaft Viton
WF794141	Medium Keyed Thru Shaft Viton
WF794399	Combo Shaft Viton
PSV 25 Repair Kits	
WF794144	Medium Keyed Single Shaft Viton
WF794146	Medium Keyed Thru Shaft Viton
WF794401	Combo Shaft Viton

Part Number	Description
PSV 40 Repair Kits	
WF794125	Thru 52 Shaft Viton
WF794403	Combo Shaft Viton
WF794121	Single Keyed Shaft Viton
WF794123	Splined Shaft Viton
PSV 80 Repair Kits	
WF794101	Keyed Shaft (For Rear Port Cover) Viton
WF794126	Thru Shaft Viton
WF794405	Combo Shaft Viton

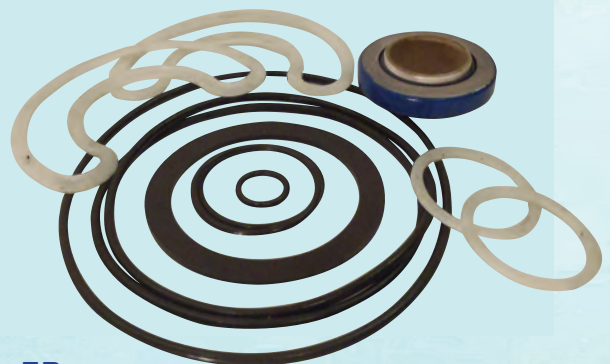


Note: Select kit by Shaft Type

PSV Parts List

Part Number	Description
PSV 10 & 15	
WF308330	SV10 Pressure Ring
WF308666	SV15 Pressure Ring
WF223235	SV10/15 Port Plate, Body
WF223237	SV10/15 Port Plate, Cover
WF778355	SV10/15 Bearing Assembly
WF308333	SV10/15 Rotor Shaft, Standard Viton
WF308985	SV10/15 Rotor Combo Shaft, Standard Viton
WF778358	SV10/15 Seal Kit Viton
PSV 20 & 25	
WF308128	SV20 Pressure Ring
WF308675	SV25 Pressure Ring
WF222942	SV & PTV 20/25 Port Plate, LH Body, RH Cover
WF222943	SV & TV 20/25 Port Plate, RH Body, LH Cover
WF778083	SV20/25 Bearing Assembly
WF308770	SV20/25 Rotor Shaft, Long Keyed Single Viton
WF308772	SV20/25 Rotor Shaft, Medium Keyed Thru Buna
WF308773	SV20/25 Rotor Shaft, Standard Single End Viton
WF308986	SV20/25 Rotor Shaft Combo Buna
WF308760	SV20 Rotor Shaft, Medium Keyed Thru Single
WF723726	SV20/25-S Seal Kit Buna
WF723724	SV20/25 Seal Kit Viton
PSV 40	
WF308511	SV40 Pressure Ring
WF222692	SV40 Port Plate LH Body, RH Cover
WF222690	SV40 Port Plate RH Body, LH Cover
WF778041	SV40 Bearing Assembly
WF308564	SV40 Rotor Shaft, Thru-(52) Viton
WF308987	SV40 Rotor Shaft, Combo Viton
WF308513	SV40 Rotor Shaft, Single Keyed Viton
WF723731	SV40 Seal Kit Viton
PSV 80-100	
WF308419	SV80 Pressure Ring
WF223230	SV80 Port Plate, RH Body, LH Cover
WF223228	SV80 Port Plate, LH Body, RH Cover
WF723135	SV80/100 Bearing Assembly
WF308417	SV80 Rotor Shaft, Keyed (for rear port cover) Single End Viton
WF308567	SV80 Rotor Shaft, Double Thru Viton
WF308988	SV80 Rotor Combo Shaft Viton
WF723733	SV80 Seal Kit Viton 60-65
WF794119	SV80/100/50 Seal Kit Viton

Wide range of parts and kits in stock including single and thru combination. Same Day shipment available. Contact a FluidDyne representative for your specific need.



Email: cs@FluidDyneFP.com

FluiDyne supports the distributors providing local knowledge and assistance to fluid power customers.

Our people provide extensive support:

- Engineering expertise
- Decoding special part number
- Identification of parts within units
- Advice on component repair and assembly
- Component failure analysis
- Massive local stock
- New application component selection
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