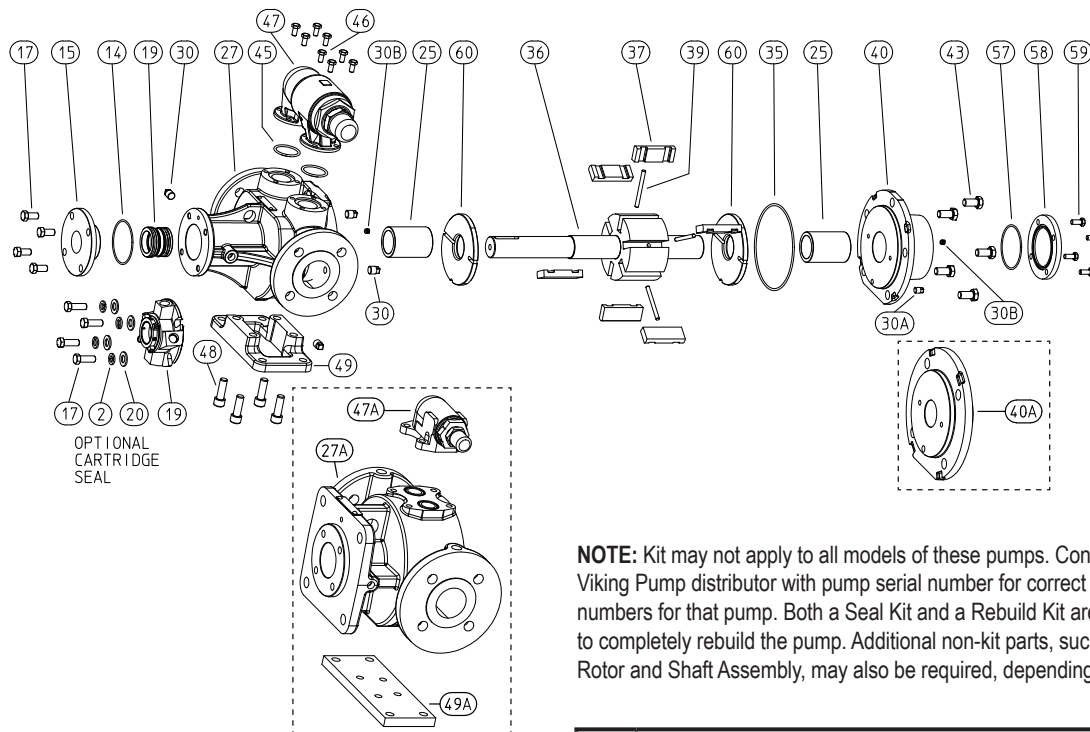


Exploded Diagram for Series LVP Stainless Steel Vane Pumps, Sizes 01, 02, 05, 08, 19 and 23



NOTE: Kit may not apply to all models of these pumps. Contact your Viking Pump distributor with pump serial number for correct kit part numbers for that pump. Both a Seal Kit and a Rebuild Kit are needed to completely rebuild the pump. Additional non-kit parts, such as Rotor and Shaft Assembly, may also be required, depending on wear.

ITEM	PART (may not exactly match parts list descriptions)	PART INCLUDED IN:	
		SEAL KIT	REBUILD KIT
2	Split Lock Washer (Use With Cartridge Seal Only)	✓	
14	O-ring Gasket for Seal Gland	✓	
15	Seal Gland		
17	Capscrew	✓	
19	Mechanical Seal (Available in Viton, PTFE or EPR)	✓	
20	Flat Washer (Use With Cartridge Seal Only)	✓	
25	Bushing for the Casing and the Head		
27	Casing and Bushing (Sizes 05, 08, 19, 23)		
27A	Casing and Bushing (Sizes 01, 02)		
30	Pipe Plug		
30A	Pipe Plug		
30B	Set Screw		
35	O-ring Gasket for Head		✓
36	Rotor and Shaft		
37	Vanes (4 Req'd on 01, 02; 6 Req'd on 05, 08, 19, 23)		✓

ITEM	PART (may not exactly match parts list descriptions)	PART INCLUDED IN:	
		SEAL KIT	REBUILD KIT
39	Push Rods (2 Req'd on 01, 02; 3 Req'd on 05, 08, 19, 23)		✓
40	Head and Bushing (Sizes 05, 08, 19, 23)		
40A	Head and Bushing (Sizes 01, 02)		
43	Capscrew for Head (4 Req'd on 01, 02; 5 Req'd on 05, 08, 19, 23)		✓
45	O-ring Gasket for Relief Valve (2-Req'd)		✓
46	Capscrew for Valve		✓
47	Internal Relief Valve - High Temp (Sizes 05, 08, 19, 23)		
47A	Internal Relief Valve - High Temp (Sizes 01, 02)		
48	Hex Socket Head Capscrew for Foot (4-Req'd)		
49	Bolt on Foot (Sizes 05, 08, 19, 23)		
49A	Bolt on Foot (Sizes 01, 02)		
57	O-ring Gasket for Head Cover Plate		✓
58	Head Cover Plate		
59	Capscrew for Head Cover Plate		✓
60	Disc (2-Req'd)		✓

Elastomers in this kit are specified in seal kit description.

Use Seal Lubricant in Seal Kit for installing mechanical seal and o-rings.

Important safety information and rebuild instructions are found in the Technical Service Manual.

Download current Technical Service Manuals from www.vikingpump.com:

TSM 000 - Installation, Startup, Troubleshooting,
Preventative Maintenance, Do's & Don'ts

TSM 445 - Series LVP Stainless Steel Vane Pumps,
Sizes 01, 02, 05, 08, 19 and 23