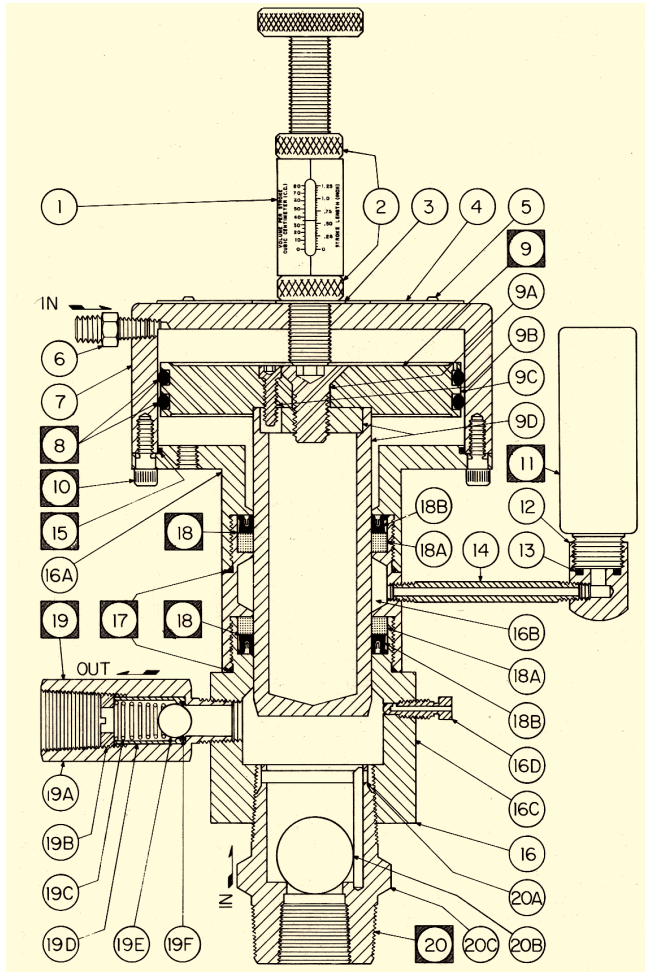




# P2250W SERIES PUMP PARTS LIST



ITEM	DESCRIPTION	NO. REQ.D	P2250W600	P2250W800
1	<b>STROKE ADJUSTER</b> 1 1/4" STROKE 2 1/2" STROKE	1 1	SA2250SB SA2250LB	SA2250SB SA2250LB
2	<b>LOCKNUT</b>	2	SA2250-3	SA2250-3
3	<b>THREAD SEAL</b>	1	CP2250-3	CP2250-3
4	<b>DATA PLATE</b>	1	DP7W	DP7W
5	<b>DATA PLATE DRIVE SCREWS</b>	4	S2316D	S2316D
6	<b>PUMP/RELAY CONNECTOR</b>	1	HN1414304	HN1414304
7	<b>MOTOR CYLINDER</b> 1 1/4" STROKE 2 1/2" STROKE	1 1	MC600-2250-11S MC600-2250-11L	MC800-2250-11S MC800-2250-11L
8	<b>PISTON O-RINGS-BUNA N STD.</b>	2	BR-433	BR-443
9	<b>PISTON PLUNGER ASSEMBLY (See Note 2)</b> 1 1/4" STROKE 2 1/2" STROKE	1 1	PA2250-600 <sup>(2)S</sup> PA2250-600 <sup>(2)L</sup>	PA2250-800 <sup>(2)S</sup> PA2250-800 <sup>(2)L</sup>
9a	<b>ASSEMBLY BOLT</b>	1	A142010SHCS	A142010SHCS
9b	<b>LOCK SCREW</b>	1	A3410112SCS	A3410112SCS
9c	<b>PISTON</b>	1	PS2250-600	PS2250-800
9d	<b>PLUNGER</b> 1 1/4" STROKE 2 1/2" STROKE	1 1	PR2250BS PR2250BL	PR2250BS PR2250BL
10	<b>MOTOR CYLINDER SET SCREWS/BOLTS</b>	10	MC600-06	MC600-06
11	<b>4 OZ. SILICONE OIL BOTTLE</b>	1	SF96-100/4	SF96-100/4
12	<b>OILER BODY</b>	1	P1000V48	P1000V48
13	<b>OILER BODY O-RING-VITON</b>	1	V-114	V-114
14	<b>PUMP/OILER CONNECTOR</b>	1	P400-49	V400-49
15	<b>FACE PLATE O-RING</b>	1	V-050	V-170
16	<b>PUMP BODY ASSEMBLY</b>	1	P2250W6S-PB P2250W6L-PB MC600-2250-15 P2250V39JS	P2250W8S-PB P2250W8L-PB MC800-2250-15 P2250V39JS
16a	<b>FACE PLATE</b>	1		
16b	<b>OIL CHAMBER</b>	1		
16c	<b>FLUID CYLINDER</b> 1 1/4" STROKE 2 1/2" STROKE	1 1	P2250V44JS P2250V44JLS	P2250V44JS P2250V44JLS
16d	<b>BLEEDER PLUG</b>	1	P250V45S	P250V45S
17	<b>BODY SEAL O-RING-VITON</b>	2	V-151	V-151
18	<b>PLUNGER SEAL SET (See Note 1)</b>	2	<sup>(1)</sup> 36-42S	<sup>(1)</sup> 36-42S
18a	<b>BACK UP RING FOR PLUNGER SEAL</b>	2	TP202336-20	TP202336-20
18b	<b>PLUNGER SEAL-TEFLON GRAPHITE (See Note 1)</b>	2	<sup>(1)</sup> 36-42	<sup>(1)</sup> 36-42
19	<b>DISCHARGE CHECK VALVE</b>	1	<b>CVL12BS</b>	<b>CVL12BS</b>
19a	<b>CHECK VALVE BODY</b>	1	CVL12B-4S	CVL12B-4S
19b	<b>RETAINER</b>	1	CVL12-0S	CVL12-0S
19c	<b>SPRING-ELGILOY</b>	1	CV101169	CV101169
19d	<b>SLEEVE</b>	1	CVL12B-5S	CVL12B-5S
19e	<b>11/16" BALL</b>	1	CV12-2S	CV12-2S
19f	<b>O-RING-TEFLON</b>	1	T-113	T-113
20	<b>SUCTION CHECK VALVE</b>	1	<b>CVR32S</b>	<b>CVR32S</b>
20a	<b>RETAINER PIN</b>	1	CVR32-0AS	CVR32-0AS
20b	<b>1 1/2" BALL</b>	1	CV32-2S	CV32-2S
20c	<b>CHECK VALVE BODY</b>	1	CVR32-4S	CVR32-4S

**MATERIAL OPTIONS:**

**NOTE 1:** Seals must be compatible with chemical to be injected. Teflon Graphite (TG) plunger seal is a spring-loaded mechanical seal. Alternate O-ring plunger seal sets are available in Viton, Buna N, Kalrez and EPR. TG seals should only be used above 1000 psi.

**NOTE 2:** PLUNGER (Item #9). Designate the proper plunger material by adding a dash number to the base base part number. For 17-4ph (A), for 316SS (B), and for ceramic (CR).

**IMPORTANT:** Plunger seals (TG only) must be installed at an angle (see bulletin no 987.1).

Pump Body Assembly must be ordered as a complete unit (item no. 16).

**RELAYS:** The injectors model no. P2250W600S, P2250W600L and P2250W800S always require the relay model no. **PO4-6S**.

**RELAYS:** The injector model no. P2250W800L always require the relay model no. **PO4-6S**.

**RELAYS:** When using a relay it is recommended to use a pressure regulator (PCV) for the "Oscillamatic" controller and another PCV for the relay. The pressure supply to the "Oscillamatic" controller should be set at 35 PSI.

**RELAYS:** The pressure supply to the relay should be a minimum of 50 PSI to a maximum of 150 PSI, depending on the required discharge pressure.

**TO BE CONSIDERED ONLY ON PUMPS INCLUDING AN 8 INCH PISTON:** It is recommended to install a volume chamber or a supply line of a minimum size of 1/2 inch in size, between the PCV and the relay. This allows the necessary volume to the relay during maximum operating conditions.

**LUBRICATION:** All pumps are supplied with SF96-100 plunger seal lubricant. Use G321M4 U-cup silicone grease when rebuilding the pump. This is contained in a complete pump repair kit.

**REPAIR KITS:** The items identified with the symbol are contained in a complete pump repair kit (See bulletin no. RK-P2250W600/800). Controller and relay repair kits must be ordered separately.