

Plunger Pumps

FEATURING

MANIFOLD: Forged brass, new high efficiency design concept (patented). Strength and no porosity for long life.

BOLTS: Eight 6mm grade 8.8.

PLUNGERS: A ceramic coated stainless steel.

CRANKCASE: Precision die-cast, large cooling fins and anodized for maximum heat dissipation.

BEARINGS: Oversized for maximum life and load disbursement, needle bearing on the drive side and ball on the non-drive side.

VALVES, SEATS, AND SPRINGS: Stainless steel with specially designed Ultra Form cages to provide long life and positive seating.

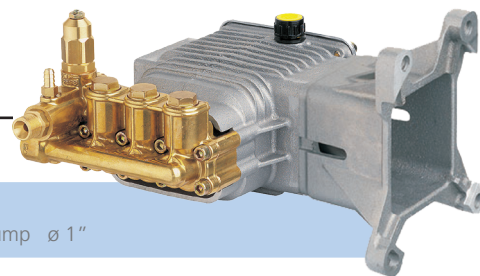
SEALS AND V-PACKINGS: Continuously lubricating for extended life. Triple lip oil seal for assured crankcase seal

PLUNGER RODS: High strength stainless steel, for heavy duty use.

CONNECTING RODS: One piece special alloy aluminum and bronze based, oversized for maximum strength, load disbursement and life. Heavy pin area construction for added load strength.

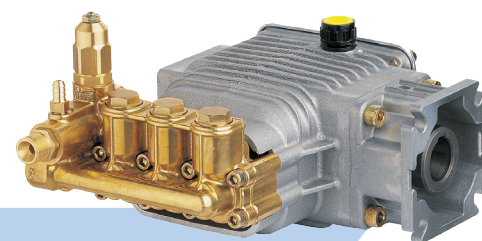
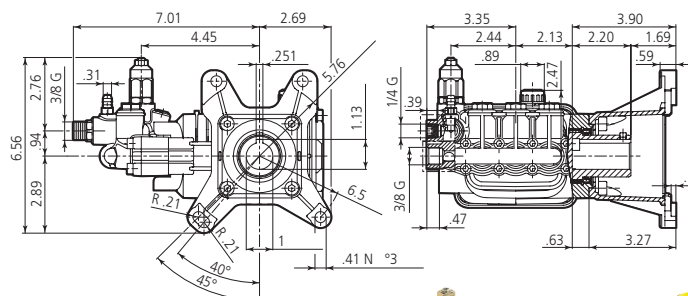
UNLOADER: Integral trap pressure, fixed chemical injector.

DIMENSIONS



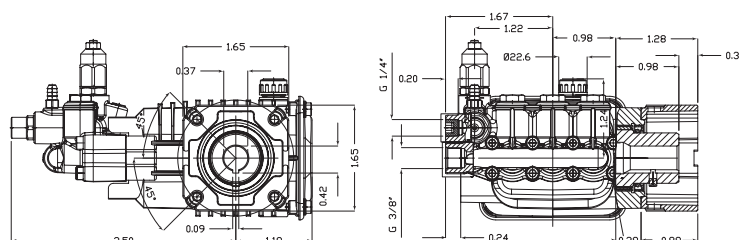
RSV

D version + F40
Hollow shaft pump $\varnothing 1''$



RSV

D version + F25
Hollow shaft pump $\varnothing 3/4"$



SPECIFICATIONS

MODEL	MAX GPM	MAX LMP	MAX PSI	MAX BAR	POWER EBHP	BORE DIA MM	STROKE MM	CRANKSHAFT ID STAMP	WEIGHT LBS.
RSV3G35D-F40	3.0	11.4	3500	240	5.5	15	7.6	9	14
RSV3.5G35D-F40	3.5	13.2	3500	240	10.0	15	8.2	8	14
RSV4G30D-F40	4.0	15.1	3000	205	7.5	15	9.4	7	14
RSV4G40D-F40	4.0	15.1	4000	275	11.0	15	9.4	7	14
RSV2.5G25D-F25	2.5	9.5	2500	170	4.5	15	6.2	10	14
RSV3G25D-F25	3.0	11.4	2500	170	5.0	15	7.6	9	14

Oil Capacity = 10.5oz

Maximum Fluid Temperature = 140° F

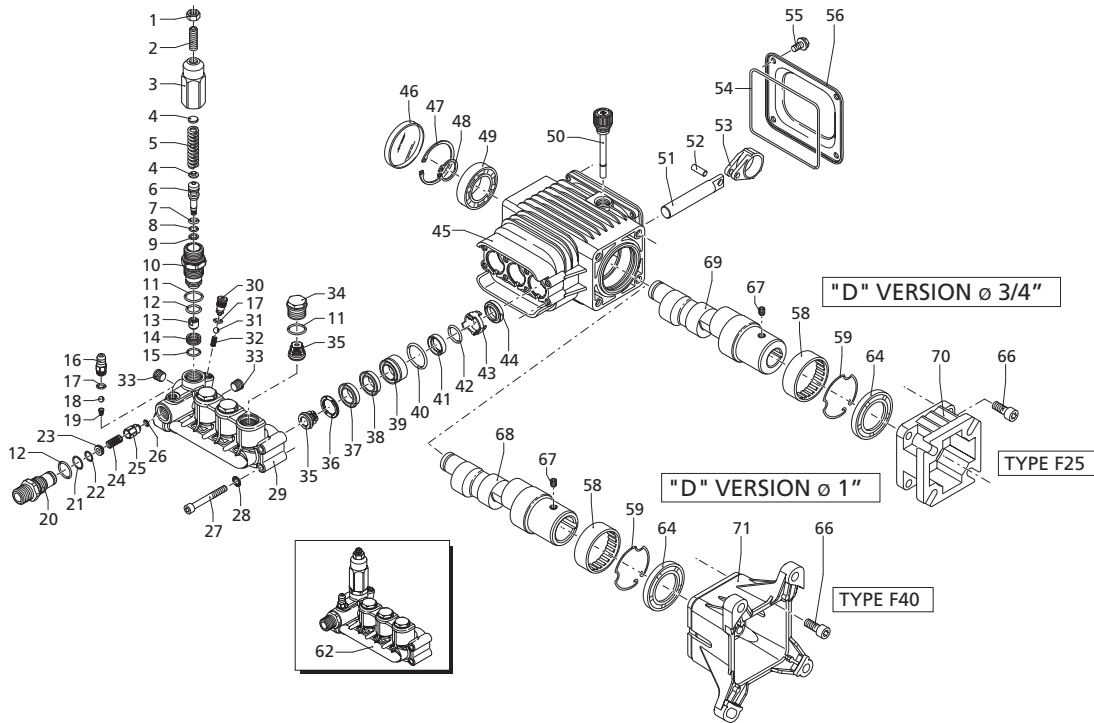
Inlet Thread = 3/8" F

Discharge Thread = 3/8" F

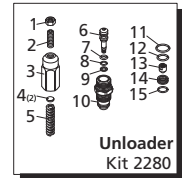
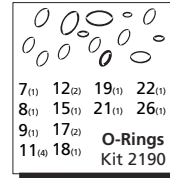
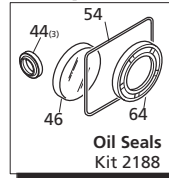
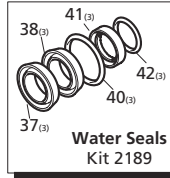
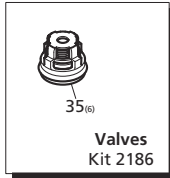
Torque Specifications Inch pounds (ft. lbs)

HEAD	PISTON NUT	REAR COVER	SIDE COVER	VALVE CAP	CON RODS
92 (8)	N/A	71 (6)	N/A	442 (37)	N/A

SPECIAL NOTE: Use AR64516 Oil. First change oil after 50 hours of use. Then every 500 hours. This oil is specially formulated to provide correct lubrication properties for our pumps. **No** other oil is factory approved for these pumps.



Repair Kits



Pos	Code	Description	Qty.	Pos	Code	Description	Qty.	Pos	Code	Description	Qty.
1	1980300	Nut M6	1	38	1981580	Ring	1		AR64516	Oil	1
2	2760420	Grub screw M6x12	1	39	1981570	Piston guide	3			OIL CAPACITY - 16 oz	
3	1980540	Unloader knob	1	40	770260	O-Ring ø23.52x1.78	3				
4	1980220	Spring plate	2	41	1260440	Gasket	3				
5	2760410	Spring	1	42	640070	O-Ring ø13.95x2.62	3				
6	2760400	Valve piston	1	43	2760310	Spacer	3				
7	2260100	O-Ring ø6.02x2.62	1	44	1260460	Oil seal	3				
8	660190	O-Ring ø6.07x1.78	1	45	2760010	Pump body	1				
9	2760210	Ring	1	46	1266740	Bearing cap	1				
10	2760050	Piston guide	1	47	1260790	Circlip øi52	1				
11	1200690	O-Ring ø15.6x1.78	4	48	1780550	Snap ring	1				
12	394280	O-Ring ø12.42x1.78	2	49	2760340	Bearing	1				
13	2260070	By-pass jet	1	50	1780490	Bearing	1				
14	2760090	Seat	1	51	880130	Oil cap	1				
15	770140	O-Ring ø11.11x1.78	1	52	2760040	Piston	3				
16	1982520	Hose nipple	1	53	1780050	Piston pin	3				
17	480480	O-Ring ø4.48x1.78	2	54	1780040	Con rod Aluminum	3				
18	1250280	Ball	1	55	1780710	Con rod Bronze	3				
19	1560520	Spring	1	56	2760280	O-Ring ø101.27x2.62	1				
20	2760230	Detergent injector 3/8" G	1	57	802190	Bolt M6x12	4				
21	2760270	O-Ring ø12x1	1	58	2760110	Rear cover	1				
22	1470210	O-Ring ø9x1	1	59	2760350	Bearing	1				
23	2760120	Injector insert	1	60	1321190	Bearing	1				
24	2760200	Spring	1	61	1321080	Snap ring	1				
25	2760130	Jet	1	62	2769201	Complete pump head	1				
26	1460430	O-Ring ø4x2.5	1	63	480671	Oil seal	1				
27	801080	Bolt M6x50	8	64	180030	Bolt M8x20	4				
28	1381550	Lockwasher	8	65	820440	Set screw M6	1				
29	2760020	Head	1	66	1780340	Hollow shaft ø1"	1				
30	2760140	Ez-start plug	1	67	1780920	Hollow shaft ø1"	1				
31	1982240	Ball	1	68	1780330	Hollow shaft ø1"	1				
32	1981800	Spring	1	69	1780590	Hollow shaft ø3/4"	1				
33	2760260	Plug 1/4" G	2	70	1780600	Hollow shaft ø3/4"	1				
34	2760180	Plug	3	71	1780580	Flange F25	1				
35	2769050	Complete valve	6		2760290	Flange F40	1				
36	2760220	Support ring	3								
37	1342761	Gasket	3								