

FEATURES

G3 Evolution

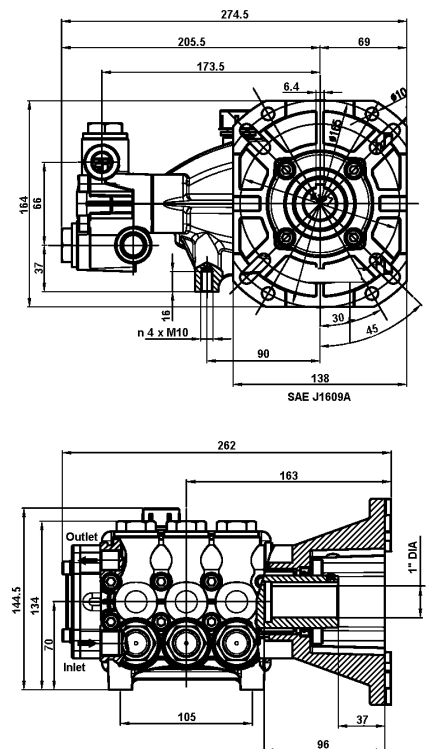
- Designed and engineered for Landa pressure washers.
- Seven year limited warranty.
- Forged brass manifold.
- Large capacity, die-cast, anodized aluminum oil-bath crankcase with precision rod guide.
- Over-sized connecting rods and crankshaft for maximum life.
- Heavy-duty dual raceway crankcase bearing.
- High load capacity flange needle bearing.
- Solid ceramic plungers with mirror finish and corrosion resistance.
- Parker U-Seals for premium performance.
- Stainless steel inlet and discharge valve assemblies.
- Forged valve caps with recessed O-rings to withstand high pressures.
- Dacromet® coated manifold bolts for superior corrosion resistance.



SPECIFICATIONS

PUMP MODEL	LS3040G.3	LS3540G.3	LS4040G.3	LS5030G.3
Maximum Volume (GPM)	3	3.5	4	5
Max. Discharge Pressure (PSI)	4000	4000	4000	3000
Maximum Pump Speed	3400	3400	3400	3400
Maximum Inlet Pressure	125 psi			
Maximum Inlet Vacuum	Flooded			
Bore	15 mm	15 mm	15 mm	15 mm
Stroke	7.7 mm	9 mm	10.3 mm	12 mm
Crankcase Oil Capacity	23.6 oz. SAE 20/40W			
Maximum Fluid Temperature	185°F			
Inlet Port Thread	1/2-14 BSPP-F			
Discharge Port Thread	3/8-19 BSPP-F			
Shaft Diameter	1" Hollow			
Weight	23 lbs.			
Dimensions	11 x 10.2 x 5.7 in.			

DIMENSIONS



LANDA® LS.3 Series Pump

8.751-175.0 LS3040G.3

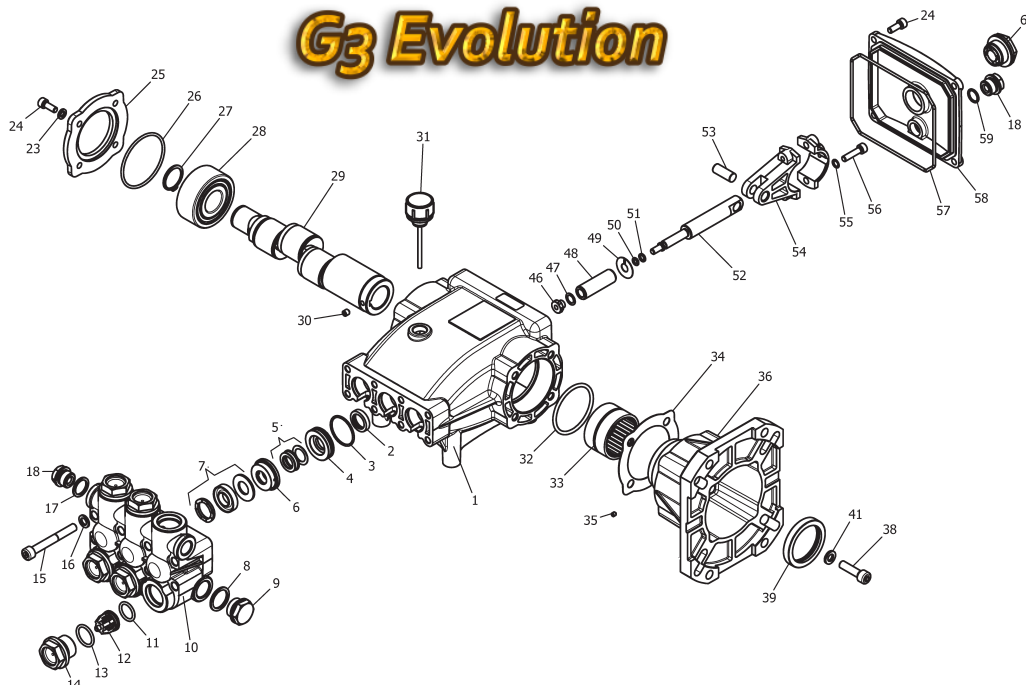
8.751-176.0 LS3540G.3

8.751-177.0 LS4040G.3

8.751-178.0 LS5030G.3

G3 Evolution

TORQUE SPECS	
Item #	Ft.-lbs
14	75
15	18
24	6
38	6
46	6
56	6



PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY
1	8.751-217.0	Crankcase	1
2*	See Kit Below	Plunger Oil Seal	3
3*	See Kit Below	O-Ring Ø1.78 x 31.47	3
4*	See Kit Below	Pressure Ring	3
5*	See Kit Below	U-Seal, 15mm	3
6*	See Kit Below	Intermed. Ring 15mm	3
7*	See Kit Below	U-Seal, 15mm	3
8	9.803-199.0	Copper Washer 1/2"	1
9	9.802-926.0	Brass Plug, 1/2"	1
10	8.751-218.0	Manifold Housing	1
11*	9.803-191.0	O-Ring Ø2.62 x 17.13	6
12*	See Kit Below	Valve Assembly	6
13*	9.803-193.0	O-Ring Ø2.62 x 20.29	6
14	9.802-928.0	Valve Plug	6
15	9.802-938.0	Manifold Stud Bolt	8
16	9.802-884.0	Washer	8
17	9.803-198.0	Copper Washer 3/8"	1
18	9.802-925.0	Brass Plug 3/8"	2

ITEM	PART NO.	DESCRIPTION	QTY
23	9.803-210.0	Washer, M6 x 16	4
24	9.802-939.0	Hexagonal Screw	9
25	9.803-184.0	Closed Bearing Housing	1
26	8.717-225.0	O-Ring Ø 2.62 x 61.6	1
27	9.802-914.0	Snap Ring	1
28	9.803-168.0	Double Row Ball Bearing	1
29	9.803-150.0	Crankshaft (3040G.3)	1
	9.803-151.0	Crankshaft (3540G.3)	1
	9.803-152.0	Crankshaft (4040G.3)	1
	9.803-153.0	Crankshaft (5030G.3)	1
30	9.802-945.0	Set Screw	1
31	9.802-921.0	Oil Dip Stick	1
32	9.804-581.0	O-Ring Ø 3.53 x 55.56	1
33	9.803-161.0	Needle Roller Bearing	1
34	8.751-230.0	Gasket	1
35	8.717-544.0	Screw, Set	1
36	9.803-183.0	Engine Flange	1
38	9.803-240.0	Flange Screw	4
39	9.803-142.0	Crankshaft Seal	1
41	9.803-221.0	Spring Washer	4
46*	See Kit Below	Plunger Nut, M6	3

ITEM	PART NO.	DESCRIPTION	QTY
47*	See Kit Below	Washer, Copper, 9.2 x 13.5	3
48*	See Kit Below	Plunger, 15mm	3
49*	See Kit Below	Copper Spacer	3
50*	See Kit Below	O-Ring Ø1.78x5.28	3
51*	See Kit Below	Teflon Ring	3
52	8.751-225.0	Plunger Rod	3
53	8.751-228.0	Connecting Rod Pin	3
54	9.803-158.0	Connecting Rod	3
55	9.803-218.0	Spring Washer	6
56	9.803-238.0	Connecting Rod Screw	6
57	8.933-016.0	O-Ring 2.62 x 126.67	1
58	8.751-229.0	Crankcase Cover	1
59	9.803-197.0	O-Ring, Ø 1.78 x 14	1
60	9.803-202.0	Sight Glass, G3/4	1

* Part available in kit (See below)

REPAIR KITS

REPAIR KIT NUMBER	8.725-358.0	8.725-359.0	8.933-023.0	9.802-603.0	9.802-609.0
KIT DESCRIPTION	Plunger U-Seal 15mm	Complete U-Seal Packing 15mm	Plunger 15mm	Complete Valve	Plunger Oil Seals
ITEM NUMBERS INCLUDED	3, 5, 7	3, 4, 5, 6, 7	46, 47, 48, 49, 50, 51	11, 12, 13	2
NUMBER OF CYLINDERS KIT WILL SERVICE	3	1	1	6	3