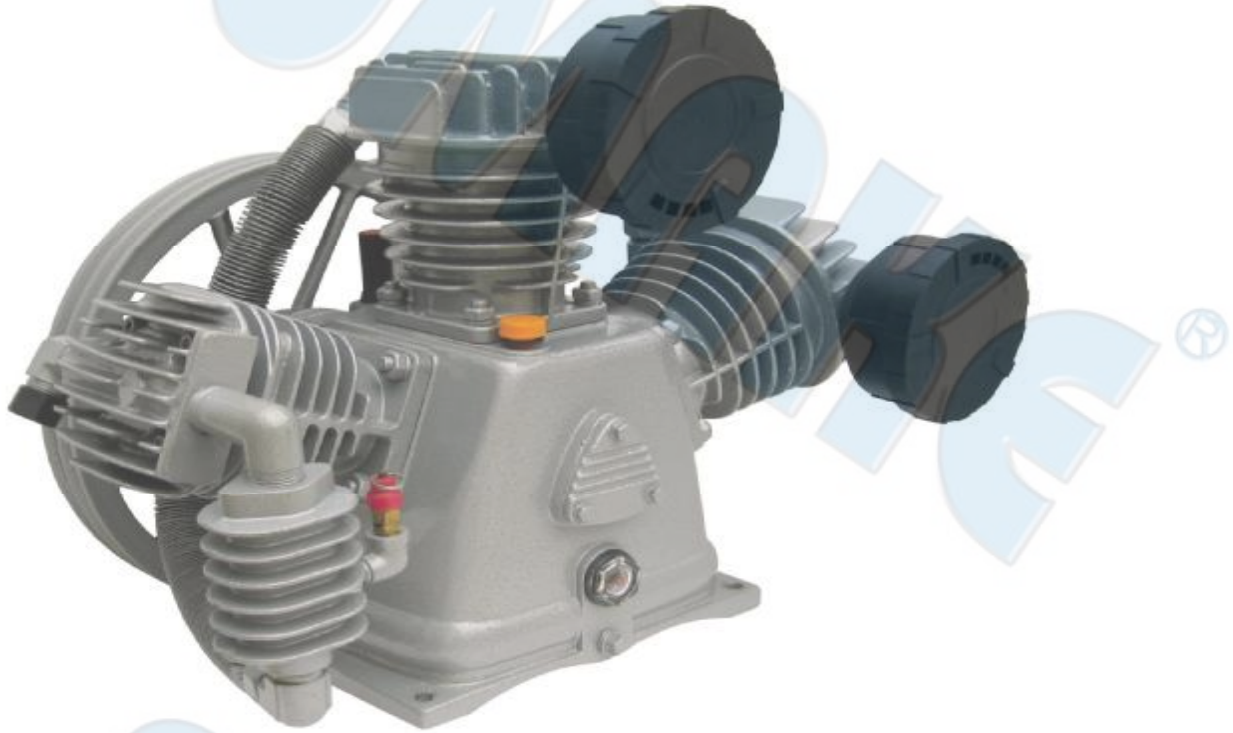


LT55-3 NV

Belt Driven Cast-Iron Two Stage Pump



Technical data

Description	Data		Units
Motor	5.5 / 4		HP / kW
Speed of the pump	1000	1350	Rpm
Motor Pulley Ø	145	175	mm
Number of Cylinder	2		-
Cylinder Diameter	80		mm
Cylinder Stroke	60		mm
Theorical Air Inlet	603	814	L/min
	36.2	48.8	m ³ .h ⁻¹
	21.3	28.7	CFM
Working Pressure	10		Bar
Maximum Pressure	12.5		Bar
Net Weight	54		Kg
Outside Dimensions	560 x 410 x 490		mm x mm x mm

[illegible]

This technical diagram illustrates the exploded view of a motorcycle engine and transmission assembly. The components are meticulously labeled with numbers 1 through 57, corresponding to a parts list. The diagram shows the engine block, cylinder head, piston and connecting rod, crankshaft, and the integrated transmission system. Key sub-assemblies like the timing chain drive, valve train, and clutch mechanism are also depicted. Two inset boxes provide detailed views of specific components: the top-left inset shows a timing chain sprocket (21 124 015) and a timing chain link (21 124 014), while the top-right inset shows three timing chain links (21 125 017 and 21 124 013). The background features a large, faint watermark reading 'SUZUKI'.

Bill Of Material

Item n°	Qty	Reference	Nom	Name	Description
1	1	21 111 021	Carter	Crankcase	LT55-3 / LB75-2
2	12	11 141 003	Goujon	Stud	M10-38
3	1	21 178 005	Extension Reniflard	Breath Pipe Extension	M16 - M16 - 30
4	1	21 134 002	Roulement à Billes	Ball Bearing	6304
5	1	21 155 001	Joint	Gasket	Bearing Cover LACME, VALQUA 6500
6	1	21 112 003	Couvercle de Roulement	Bearing Cover	Triangle, 4mm, Aluminium, SUMAKE
7	3	11 131 001	Vis H	Screw H	M6-20
8	3	11 123 002	Rondelle élastique	Spring Washer	W6
9	1	21 113 008	Portée de Roulement	Bearing Seat	LT55-3 (New)
10	1	21 113 009	Entretoise de séparation	Separating Ring	LT55-3 Bearing Seat
11	2	11 133 003	Vis F Z	Screw F Z	M6-20
12	1	21 161 005	Joint à lèvres	Oil Seal	Type AS, 35 x 56 x 12
13	1	21 134 006	Roulement à Billes	Ball Bearing	6307
14	1	21 152 005	Joint	Gasket	Bearing Seat, LB50-LB75, VALQUA 6500
15	6	11 131 004	Vis H	Screw H	M8-25, 8.8
16	18	11 123 003	Rondelle élastique	Spring Washer	W8
17	1	21 131 007	Vilebrequin	Crankshaft	LB75
18	2	21 132 007	Bielle	Rod	Ø15 - Ø32 - 137 , LB50 - LB75 (Side)
19	1	21 132 008	Bielle	Rod	Ø5 - Ø32 - 137 (Center)
20	1	11 121 009	Rondelle	Washer	Ø30 - Ø44 - 1.5
21	1	21 146 004	Circlip Exterieur	Outside Circlip	Ø30 x 1.2
22	1	21 142 002	Piston	Piston	Ø65, HP
23	1	21 143 003	Axe de Piston	Piston Pin	Ø15 - 57.5
24	6	21 144 003	Circlip Interieur	Inside Circlip	15 x 1
25	1	21 145 003	Ensemble de Segment	Piston Ring Set	Ø65
26	2	21 141 004	Piston	Piston	Ø80
27	2	21 145 004	Ensemble Segments	Piston Ring Set	Ø80 (3 Pieces)
28	2	21 143 004	Axe de Piston	Piston Pin	Ø15 - 70
29	3	21 153 003	Joint	Gasket	Ø80, Cylinder Bottom, VALQUA 6500
30	12	11 111 003	Ecrou H	Nut H	M10, 8
31	12	11 123 004	Rondelle élastique	Spring Washer	W10
32	1	21 121 007	Cylondre	Cylindre	Ø65, M8, HP
33	2	21 121 005	Cylindre	Cylinder	Ø80, M8
34	2	21 122 004	Culasse	Cast Iron Cylinder Head	Ø80, M8, Cast Iron
35	2	21 154 003	Joint	Gasket	Ø80, Cylinder Head, VALQUA 6500
36	2	21 124 004	Ensemble Plaque Clap	Valve Plate Set	1 Plate, Ø80, M8 + (21125015) + (21125014)
37	2	21 151 005	Joint	Gasket	Ø80, Top Cylinder, VALQUA 6500
38	8	11 131 006	Vis H	Screw H	M8-80, 8.8
39	1	21 122 013	Culasse	Cylinder Head	Ø65, M8, Hight Pressure, Cast Iron
40	4	11 132 006	Vis C HC	Screw C HC	M8-50, 8.8
41	1	21 124 013	Ensemble de Plaques	Valve Plate Set	Ø65, M8, All Round
42	1	21 154 001	Joint	Gasket	Ø65, M8, Cylinder Head, VALQUA 6500
43	1	21 151 002	Joint	Gasket	Ø65, M8, Top Cylinder, VALQUA 6500
44	1	21 171 004	Ensemble Radiateur	Cooler Set	Ø19 x 260 + 2nuts (11114001)
45	3	21 173 002	Raccord coudé	Elbow	R¾ - G¾, 90°
46	1	21 174 006	Raccord 3 Voix	3 Ways Conection	ZG3/4"-2-G3/4" 135° LT55
47	1	21 173 009	Coude refroidissement	Cooler Elbow	LT55
48	1	21 172 002	Radiateur Echangeur	Inter Cooler	LT55 inter cooler
49	1	23 114 003	Soupape de securite	Safety valve	1/4"-5bar
50	1	21 171 012	Radiateur complet	Complete cooler	Ø19x470 + 2 x 11114001
51	1	11 131 011	Vis H	Screw H	M10-45, left
52	1	21 136 001	Clavette Disque	CircleKey	Ø5 - 19
53	1	21 121 004	Volant	Pulley	Ø368, A2, Cast Iron
54	1	11 121 012	Rondelle	Washer	Ø10 - Ø52 -5
55	1	11 124 002	Rondelle élastique	Spring Washer	W10 left
56	1	11 114 001	Ecrou De Sortie	Exhaust Nut	G¾/32 - Ø19.5 - l=21
57	1	21 166 001	Reniflard	Oil Breath Pipe	M16x1.5, Black, with Flat Ring (21 159 005)
58	1	21 164 004	Voyant d'huile	Oil Leveler	G¾, Aluminium, With Flat Ring (21 159 006)
59	1	21 178 004	Ball	Ball	Ø9.5
60	2	21 175 003	Filtre à Air Complet	Complete Air Filter	Ø120, ZG¾", ABS, With Cartridge (21 175 007)
61	1	21 167 002	Bouchon de Remplissage	Oil Filling Plug	M16-3, with Flat Ring (21 159 005)
62	1	21 169 003	Bouchon de vidange	Oil Draining Plug	Z3/8"

Partial Cut

