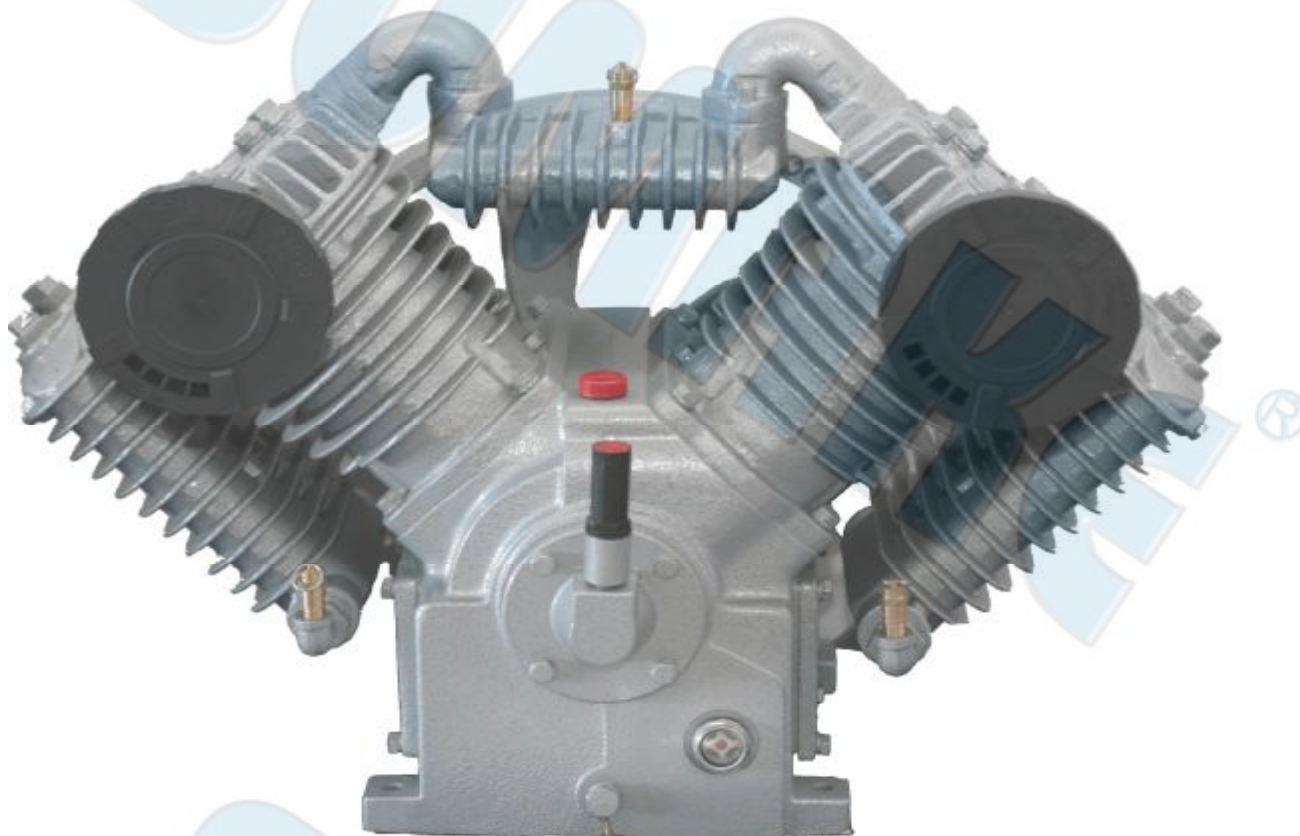


LT100nv

Belt driven Cast iron Double Stage Pump

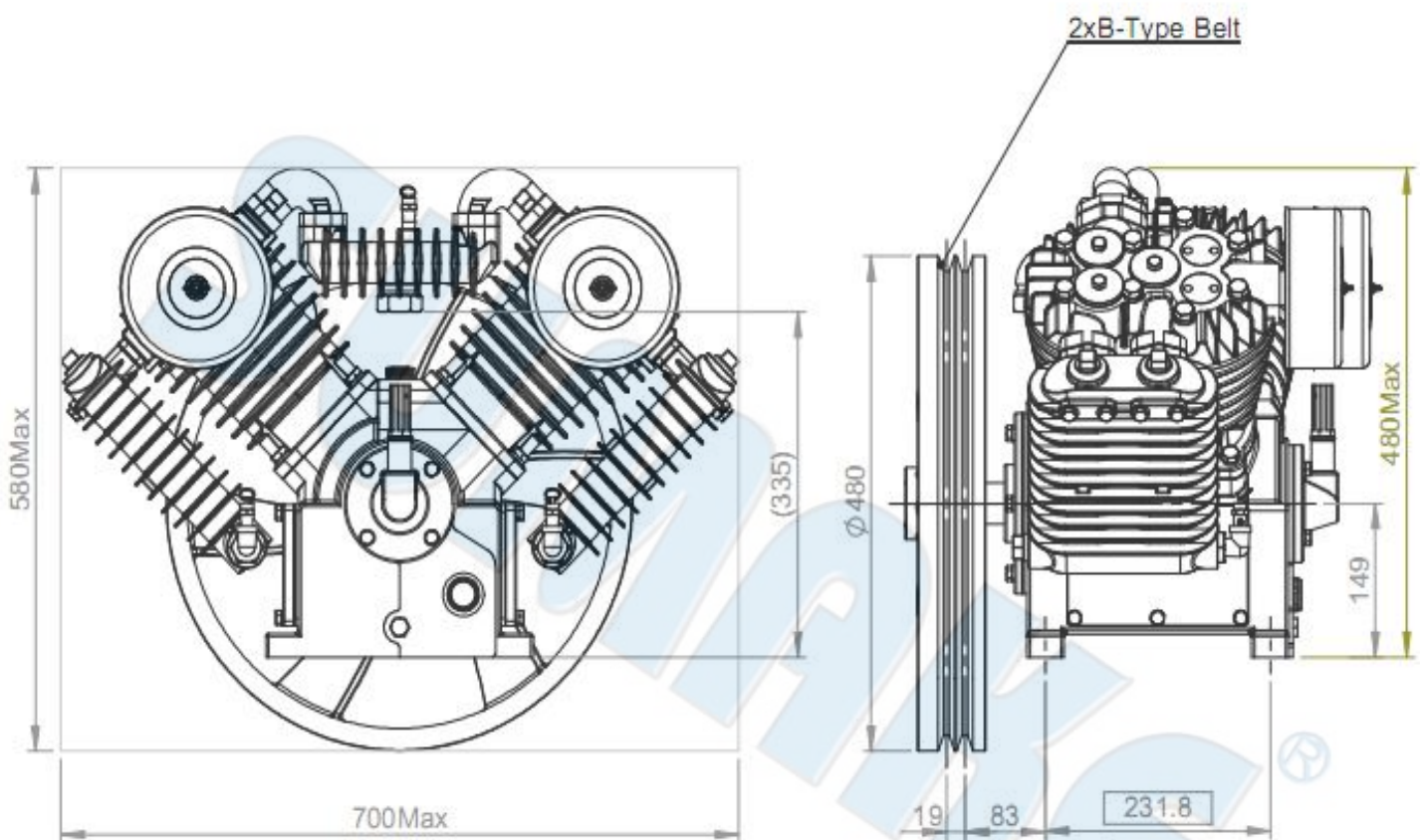
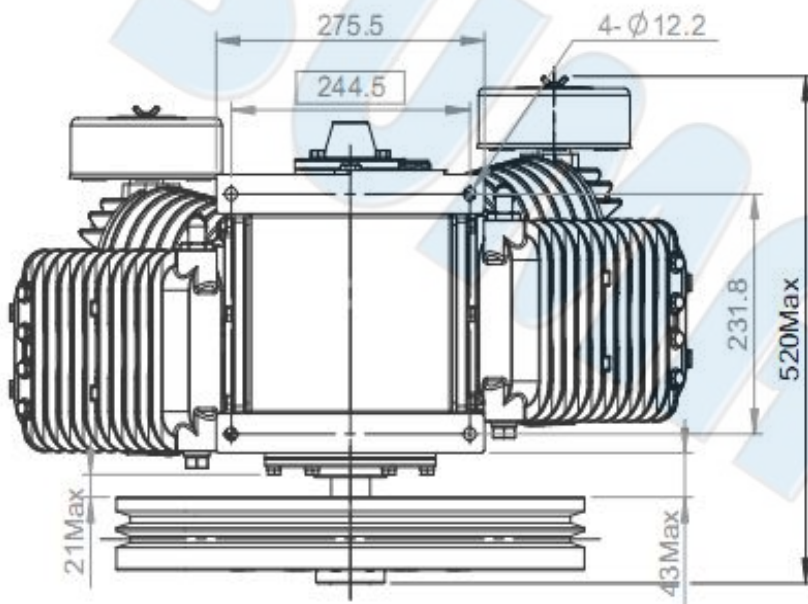


Technical data

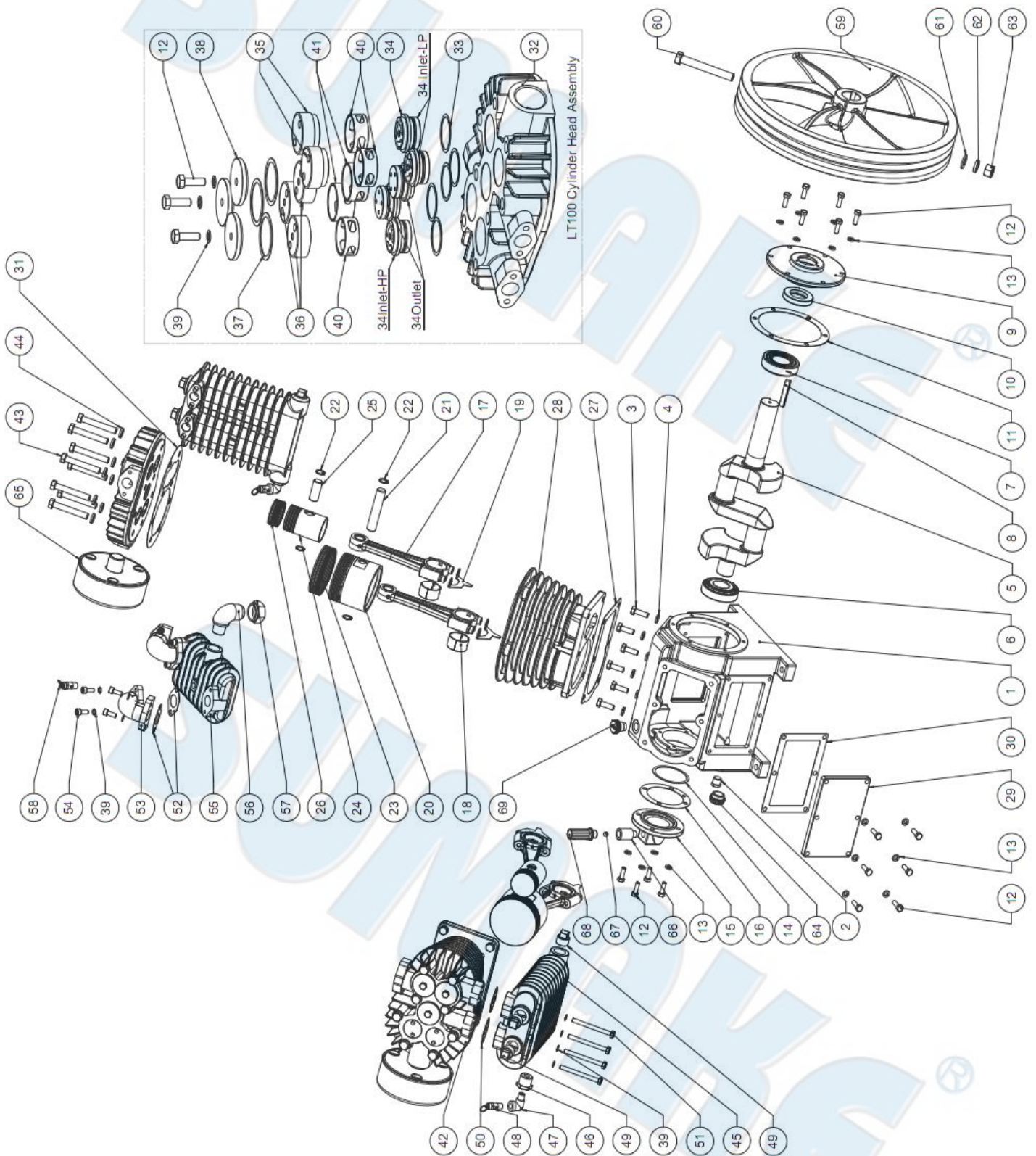
Description	Data	Units
Motor	10 / 7,5	HP / kW
Speed of the pump	800	Rpm
Number of Cylinders	4	-
Cylinder Diameter	2X105,2X55	mm
Cylinder Stroke	89	mm
Air delivery	1232(43.5)	L/min(CFM)
Working Pressure	12.5	Bar
Maximum Pressure	14	Bar
Net Weight	127	Kg
Outside Dimensions	700 x 520 x 580	mm x mm x mm

*indicative for 2800rpm motor

General Dimension



Explode View



Bill Of Material

Item n°	Qty	Reference	Nom	Name	Description
1	1	21 111 025	Carter d'Huile	Crankcase	LT100
2	1	21 169 003	Bouchon de vidange	Oil Draining Plug	Z3/8"
3	12	11 131 008	Vis H	Screw H	M10-30
4	12	11 123 004	Rondelle élastique	Spring Washer	W10
5	1	21 131 009	Vilebrequin	Crankshaft	LT100NV
6	1	21 134 008	Roulement à Billes	Ball bearing	7307E
7	1	21 134 009	Roulement à Billes	Ball bearing	7508E
8	1	21 136 003	Clavette	Flat Key	10X60
9	1	21 113 006	Flasque Arrière	Bearing seat	LT100-LT50
10	1	21 161 006	Joint à Levre	Oil seal	Ø40x65x12
11	1	21 152 006	Joint	gasket	LT100 Bearing seat
12	28	11 131 004	Vis H	Screw H	M8-25, 8.8
13	22	11 123 003	Rondelle élastique	Spring Washer	W8
14	1	11 125 001	Rondelle	Adjustment Ring	Ø80 LT100-LT50 Copper
15	1	21 114 005	Flasque Avant	Small back cover	LT100/LT50
16	1	21 157 003	Joint	Connection pan gasket	LT100/LT50
17	4	21 132 010	Bielle	Rod	Ø19 - Ø43.5 - 178, LT100
18	8	21 135 001	Bague	Bush	Ø40 - Ø43.5 - 24
19	4	21 162 003	Barboteuse	Oil Splasher	LT50/LT100
20	2	21 141 005	Piston	Piston	Ø105
21	2	21 143 006	Axe de piston	Piston pin	Ø19-95
22	8	21 144 004	Circlip Interieur	Inside Circlip	19x1
23	2	21 145 005	Ensemble Segments	Piston Ring Set	Ø105
24	2	21 142 001	Piston	Piston	Ø55HP
25	2	21 143 005	Axe de piston	Piston pin	Ø19-45
26	2	21 145 006	Ensemble Segments	Piston Ring Set	Ø55
27	2	21 153 004	Joint	Gasket	Bottom Cylinder, Ø105-Ø55, VALQUA 6500
28	2	21 121 006	Cylindre	Cylinder	Ø105-55 M12
29	2	21 114 001	Flasque Cot	Side Cover	LT100
30	2	21 157 001	Joint	Gasket	LT100 Side cover
31	2	21 151 006	Joint	Gasket	Ø105-Ø55, M12, Top Cylinder, VALQUA 6500
32	1	21 122 006	Culasse	Cylinder head left	LT100 M12 left Cast Iron
33	10	11 122 004	Rondelle	Washer	Ø35 - Ø41 - 0.5, Copper
34	10	21 124 012	Ensemble Clapet	Valve Set	LT100, (3)
35	4	21 125 001	Bouchon	Cap	M45X2, LT100, High Pressure
36	6	21 125 002	Bouchon	Cap	M45X2, LT100, Low Pressure
37	6	21 157 006	Joint	Gasket	Valve Cover, LT100, VALQUA 6500
38	6	21 125 005	Cache	Cover	LT100 Valve, Ø51, Ø8
39	22	11 122 001	Rondelle	Washer	Ø8, Copper
40	6	21 125 004	Bague	Ring	Ø41 - 37 - 16, LT100, Inlet cap
41	4	21 125 003	Bague	Ring	Ø41 - 37 - 20, LT100, Outlet cap
42	1	21 122 005	Culasse	Cylinder Head Right	LT100 M12 Right, Cast Iron
43	16	11 131 009	Vis H	Screw H	M12-80
44	16	11 123 005	Rondelle élastique	Spring Washer	W12
45	2	21 172 003	Inter cooler	Inter cooler	LT100/LT50
46	2	21 178 003	Inside-outside fixation	Inside-outside fixation	Z1/4"-Z3/4" LT100/LT50
47	2	21 173 003	Coude	Elbow	Z1/4"-Z1/4"
48	2	23 114 003	Soupape de securite	Safety valve	1/4"-5bar
49	6	21 167 003	Bouchon de Remplissage	Oil filling plug	Z3/4" LT100/LT50
50	4	21 157 007	Joint	Gasket	LT100 Inter Cooler, VALQUA 6500
51	8	11 131 007	Vis H	Screw H	M8-90
52	4	21 157 009	Joint	Gasket	LT100 Cooler elbow
53	2	21 173 006	Coud	Elbow	LT100
54	8	11 132 003	Vis C HC	Screw C HC	M8-25, 6.8
55	1	21 172 005	Cooler iron	Cooler	LT100 Iron
56	1	21 173 004	Coud	Exhaust elbow	Z3/4"-M33X1.5 LT100/LT50
57	1	11 113 002	Ecrou de Sortie	Exhaust Nut	M33x1.5
58	1	23 114 001	Soupape de Sécurité	Safety valve	1/4"-14bar
59	1	21 212 006	Volant	Pulley	LT100-nv
60	1	11 131 010	Vis H	Screw H	M16-120
61	1	11 121 004	Rondelle	Washer	Ø16 - t=3
62	1	11 123 006	Rondelle élastique	Spring Washer	W16
63	1	11 111 004	Ecrou H	Nut H	M16
64	1	21 164 004	Voyant d'huile	Oil Leveler	G¾, Aluminium, With Flat Ring (21 159 006)
65	2	21 175 005	Filtre à Air Complet	Air Filter Set	LT100/LT50
66	1	21 178 001	Fixation reniflard	Oil breath fixation	LB40/LT100/LT50
67	1	21 178 004	Ball	Ball	Ø9.5
68	1	21 166 001	Reniflard	Oil Breath Pipe	M16x1.5, Black, with Flat Ring (21 159 005)
69	1	21 167 004	Bouchon de Remplissage	Oil Filling Plug	M20X2.5, With O'Ring (21 159 001)

Partial Cut

