

LB40-3

Belt Driven Cast iron Single stage Pump

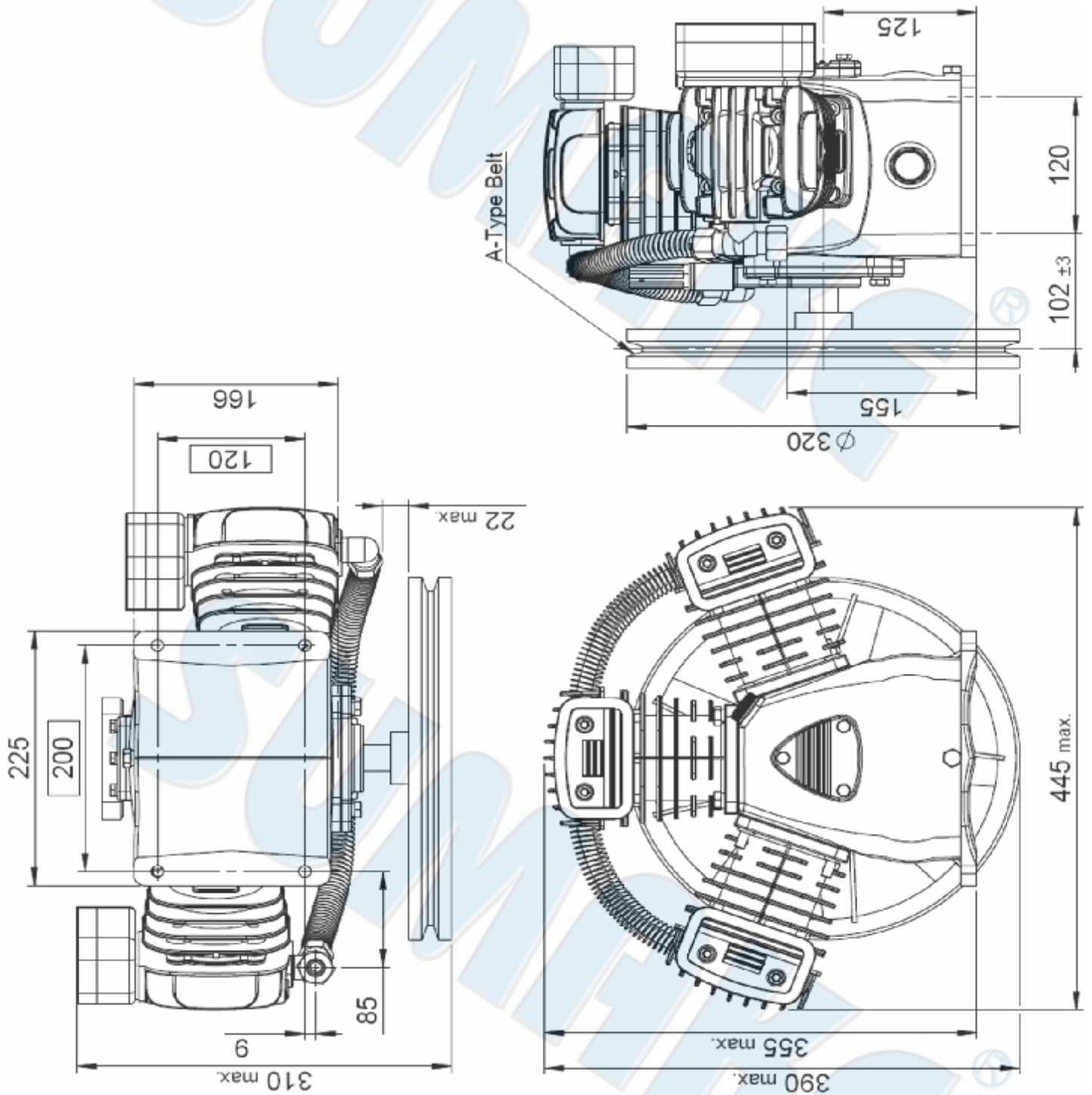


Technical data

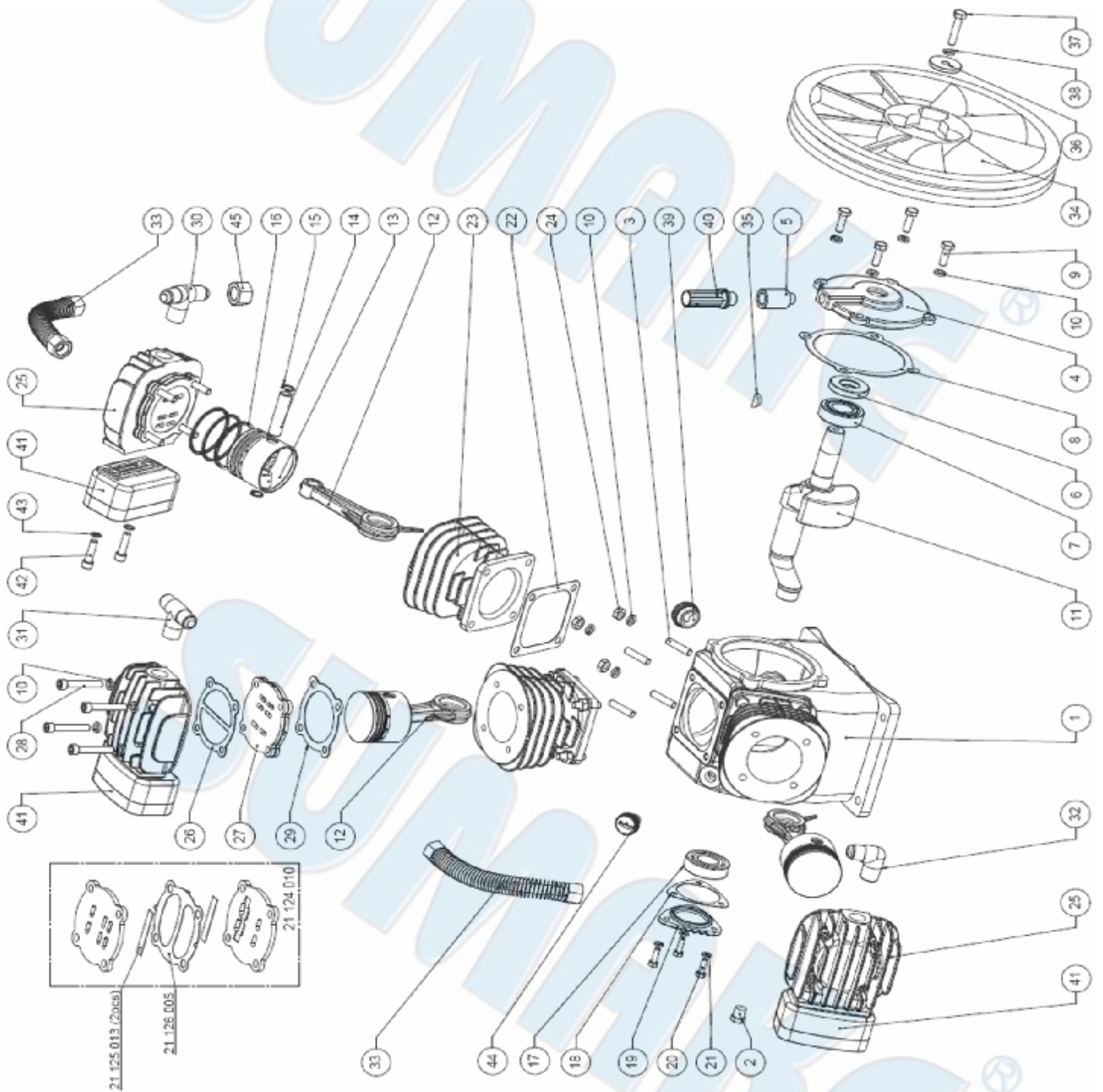
Description	Data		Units
Motor	3 / 2,2	4 / 3	HP / kW
Speed of the pump	900	1200	Rpm
Motor Pulley Ø*	105	135	mm
Number of Cylinder	3		-
Cylinder Diameter	65		mm
Cylinder Stroke	46		mm
Theoretical Air Inlet	412	549	L.min ⁻¹
	24.7	32.9	m ³ .h ⁻¹
	14.5	19.4	CFM
Working Pressure	8		Bar
Maximum Pressure	10		Bar
Net Weight	25		Kg
Outside Dimensions	445 x 310 x 390		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	21 111 026	Carter	Crankcase	LB40-3
2	1	21 169 001	Bouchon d'huile	Oil Draining Plug	ZG1/4"
3	12	11 141 001	Goujon	Stud	M8-35
4	1	21 113 011	Flasque Arrière	Bearing Seat	LB40C - LB40-3
5	1	21 178 001	Extension Reniflard	Oil Breath Extension	1/4", M16x1.5
6	1	21 161 004	Joint à Lèvre	Oil Seal	Type AS, 24 x 47 x 8
7	1	21 134 001	Roulement à Billes	Ball Bearing	6205Z
8	1	21 152 001	Joint	Gasket	LB30 Bearing Seat, VALQUA 6500
9	4	11 131 004	Vis H	Screw H	M8-25, 8.8
10	28	11 123 003	Rondelle élastique	Spring Washer	W8
11	1	21 131 013	Vilebrequin	Crankshaft	LB40-3
12	3	21 132 013	Bielle	Rod	Ø 14.5 - Ø 30 - 108
13	3	21 141 003	Piston	Piston	Ø 65
14	3	21 143 002	Axe de Piston	Piston Pin	Ø 14.5 - 57.5
15	6	21 144 002	Circlip Interieur	Inside circlip	14.7 x 1
16	3	21 145 003	Ensemble Segments	Piston Ring Set	Ø 65
17	1	21 134 003	Roulement à Billes	Ball Bearing	6205
18	1	21 155 001	Joint	Gasket	Bearing Cover LACME, VALQUA 6500
19	1	21 112 003	Flasque Avant	Bearing Cover	Triangle, 4mm, Aluminium
20	3	11 131 001	Vis H	Screw H	M6-20
21	3	11 123 002	Rondelle Elastique	Spring Washer	W6
22	3	21 153 001	Joint	Gasket	Ø 65, Bottom Cylinder, VALQUA 6500
23	3	21 121 004	Cylindre	Cylinder	Ø 65, M8
24	12	11 111 002	Ecrou H	Nut H	M8, 8
25	3	21 122 014	Culasse	Cylinder Head	Ø 65, M8, Cast Iron
26	3	21 154 001	Joint	Gasket	Ø 65, M8, Cylinder Head, VALQUA 6500
27	3	21 124 010	Ensemble Plaque Clapets	Valve Plate Set	Ø 65, M8, Rounded
28	12	11 132 006	Vis C HC	Screw C HC	M8-50, 8.8
29	3	21 151 002	Joint	Gasket	Ø 65, M8, Top Cylinder, VALQUA 6500
30	1	21 174 008	Raccord 3 Voix	3 Ways Conector	ZG1/2- 2x3/4UNF@160°
31	1	21 174 003	Raccord 3 Voix	3 Ways Connector	ZG1/2- 2x3/4UNF@180°
32	1	21 173 001	Raccord Coudé	Elbow Connector	R1/2 - 3/4UNF - 90°
33	2	21 171 013	Ensemble Radiateur	Cooler Set	Ø 12 x 200 + 2 nuts (11 112 001)
34	1	21 212 003	Volant	Pulley	Ø 320, A, Cast iron
35	1	21 136 001	Clavette Disque	CircleKey	Ø 5 - 19
36	1	11 121 011	Rondelle	Washer	Ø 8 - Ø 38 - 5
37	1	11 131 005	Vis H	Screw H	M8-40, 10.9, left
38	1	11 124 001	Rondelle élastique	Spring Washer	W8, left
39	1	21 164 004	Voyant de niveau d'huile	Oil Leveler	G3/4" Aluminium, With Flat ring (21 159 002)
40	1	21 166 001	Reniflard	Oil Breath Pipe	M16x1.5, Black, with Flat Ring (21 159 005)
41	3	21 175 002	Ensemble Filtre à Air	Air Filter Set	LB30, With inside Foam (21 175 008)
42	6	11 132 004	Vis C HC	Screw C HC	M8-30, 6.8
43	6	11 122 001	Rondelle	Washer	Ø 8, Copper
44	1	21 167 002	Bouchon de remplissage	Oil filling plug	M16x3, with Flat Ring (21 159 005)
45	1	11 113 001	Ecrou de Sortie	Exhaust Nut	3/4UNF/27 - Ø14.5 - l=17

Partial Cut

