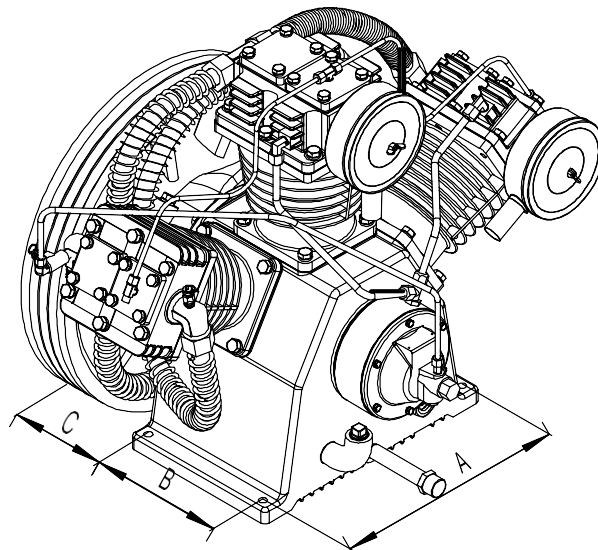
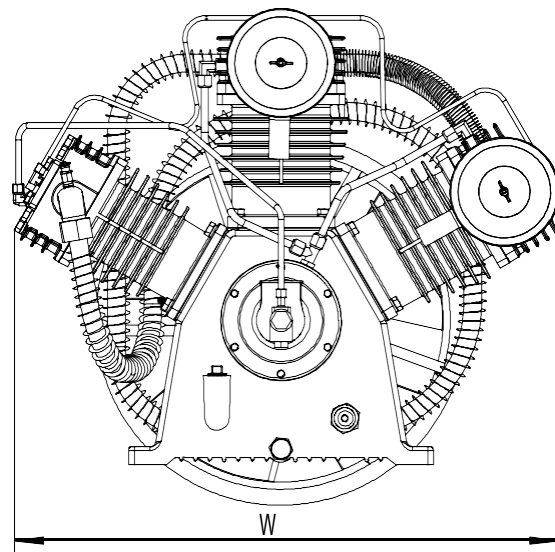
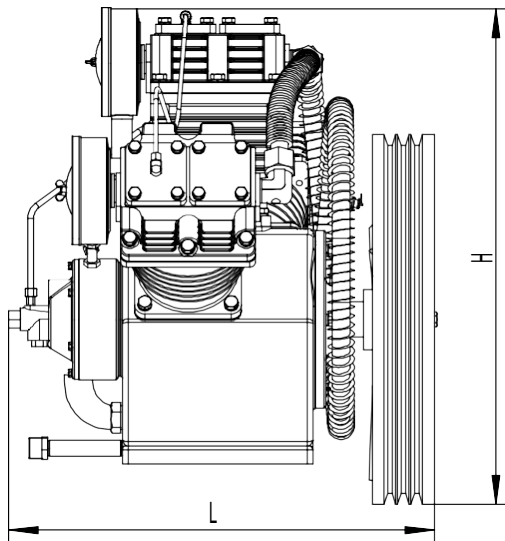


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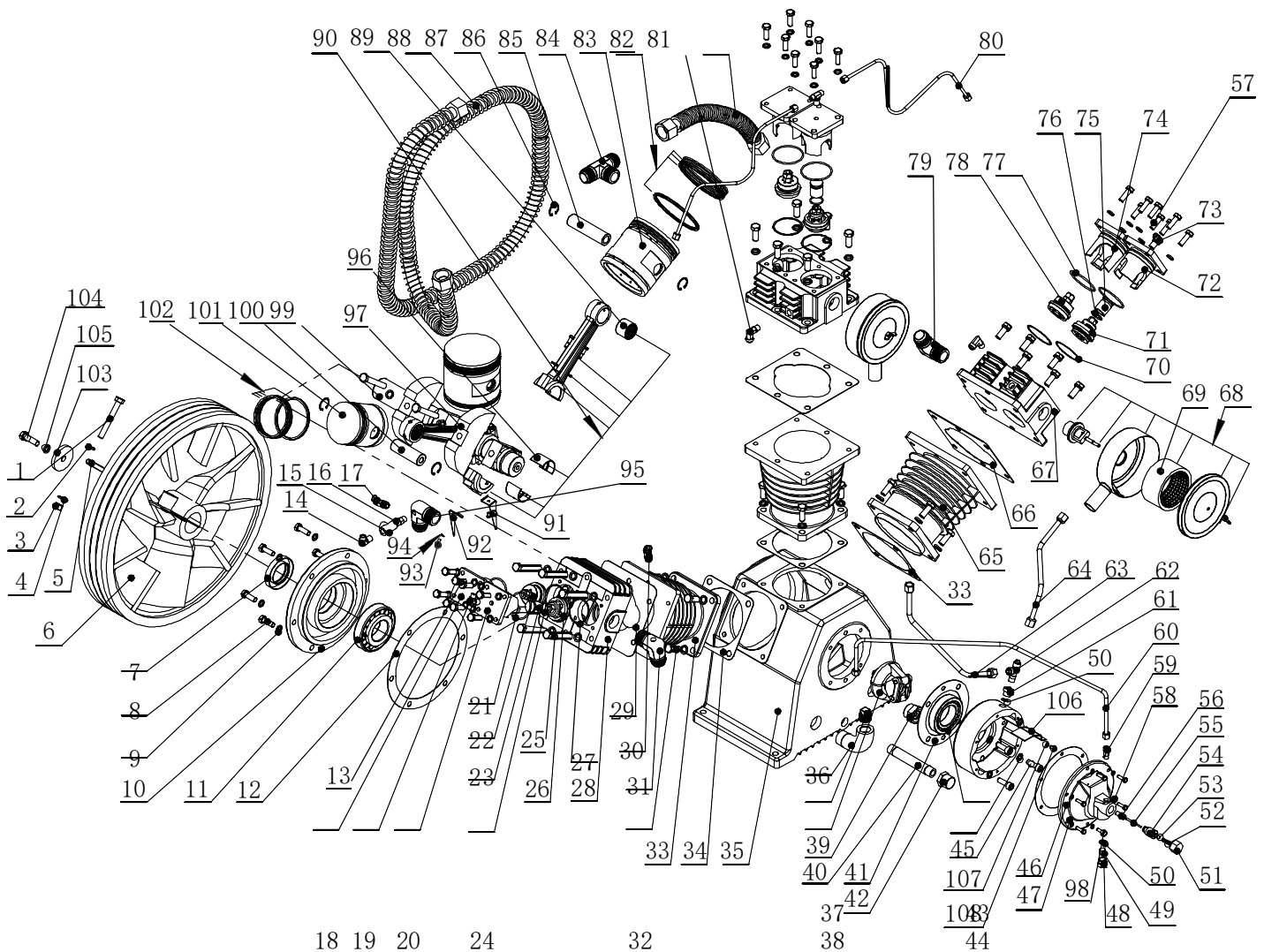
Dimensions		
A	inch	15.590
	mm	396
B	inch	8.976
	mm	228
C	inch	7.09
	mm	180
L (Shape)	inch	22.8
	mm	580
W (Shape)	inch	30.12
	mm	765
H (Shape)	inch	27.44
	mm	697
Weight	lb	366
	kg	166

C3 Technical Data		
Motor	HP	10/15
	KW	11/15
Air Delivered	ACFM	53/56.5
	m ³ /min	1.5/1.6
Pressure	PSI	175
	Bar	12.25
RPM	570/795	
Cylinders	3	
Bore	inch	4.92/3.74
	mm	125/95
Stroke	inch	3.15
	mm	80
Flywheel dia.	inch	20.7
	mm	526
Groove Type	B	



MODEL C3 TWO STAGE AIR COMPRESSOR PUMP

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TORQUE SPECS: (Foot-Pounds)			
Valve Hold Down Bolts:	20	Cylinder to Crankcase Bolts:	30
Head Bolts:	40	Centrifugal Cover Bolts:	10
Rod Bolts:	40	Front Cover Bolts:	35
Side Cover Bolts:	20	Rear Cover Bolts:	35
Flywheel Bolts:	60		

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PARTS LIST			
ITEM	PARTS#	DESCRIPTION	QTY
1	12510074	HEXAGON HEAD BOLT M16×100 Flywheel	1
2	12510073	PLAIN WASHER Ø16 Flywheel	1
3	12510072	HEX NUT M16 Flywheel	1
4	12510071	SPRING LOCKWASHER Ø16	3
5	12510070	KEY B10×60 Flywheel	1
6	12510069	FLYWHEEL C3	1
7	12510068	OIL SHAFT SEAL C3	1
8	12510075	HEXAGON HEAD BOLT M10×35 FRONT	6
9	12510076	LOCKWASHER Ø10 FRONT	34
10	12510077	CAP-FRONT C3 BEARING CARRIER	1
11	12510078	MAIN BEARING FRONT	1
12	12510079	GASKET-FRONT BERING CARRIER	1 (*a)
13	231003	BOLT M10X30 VALVE HOLD DOWN	24
14	12949	ELBOW-CENTRIFUGAL UNLOADER TUBE NPT1/4×1/2-24	1
15	48139-2	TEE 1/4NPTF×1/4NPTF×1/4NPT	1
16	48139-1	CONNECTOR 1/4NPT	1
17	ST25-250	SAFETY VALVE ASME 1/4NPT 250PSI	1
18	12510002	H. P. VALVE HOLD-DOWN COVER DISCHARGE	1
19	42384	TEE-UNLOADER TUBE	2
20	12510003	H. P. HOLD DOWN COVER-INLET C3	1
21	12510004	H. P. "O"RING-HOLD DOWN COVER C3	2
22	12510005	H. P. DISCH VALVE C3	1
23	12510006	H. P. UNLOADER PISTON C3	1
24	12510007	H. P. "O"RING-UNLOADER PISTON C3	1
25	12510008	HEXAGON HEAD BOLT M10X80	6
26	12510009	H. P. INLET VALVE ASSEMBLY C3	1
27	12510010	H. P. COPPER GASKET-VALVE SEAT C3	2
28	12510011	H. P. HEAD C3 BEAR	1
29	12510012	GASKET-H. P. CYLINDER HEAD C3	1 (*a)
30	ST25-70	SAFETY VALVE ASME 1/4NPT 70PSI	1
31	12510014	H. P. INLET ELBOW C3	1
32	12510015	CYLINDER BOLT M12×35	24
33	12510016	CYLINDER-H. P. C3	1
34	12510017	GASKET-CYLINDER TO CRANKCASE HP&LP	3 (*a)
35	12510018	CRANKCASE C3	1

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PARTS LIST			
ITEM	PARTS#	DESCRIPTION	QTY
36	4127-A	OIL FILL ELBOW C1, C2, C3	1
37	16004	OIL FILL PLUG C1, C2, C3	1
38	43457	CENTRIFUGAL UNLOADER ASSEMBLY C3, C4U	1
39	731005	OIL SIGHT GLASS NPT1 VA80, C1, C2, C3	1
40	16959	OIL DRAIN PIPE NPT1/2×90	1
41	12510019	GASKET-REAR BEARING CARRIER C3	1(*a)
42	33735	DRAIN PIPE CAP	1
43	431007	BEARING 30310	1
44	12510020	CAP-REAR C3	1
45	12510021	CAPSCREW SKT HD M10×35	4
46	38267	GASKET-CENTRIFUGAL UNLOADER COVER C3, C4U	1(*a)
47	38174	CENTRIFUGAL UNLOADER COVER C3, C4U	1
48	38178	FILTER NUT NPT3/8 C3, C4U	1
49	38193	FELT UNLOADER C3, C4U	1
50	38192	FILTER SCREEN UNLOADER C3, C4U	2
51	38184	UNLOADER VALVE RETAINER NUT C3, C4U	1
52	38194	UNLOADER VALVE RETURN SPRING C3, C4U	1
53	9325	BALL-1/4"DIA. ϕ 6.35 UNLOADER C3, C4U	1
54	38185	UNLOADER VALVE RETAINER C3, C4U	1
55	38182	UNLOADER VALVE STEM C3, C4U	1
56	38188	UNLOADER VALVE GUIDE C3, C4U	1
57	12510022	HEX HEAD BOLT M6×25 C3, C4U	6
58	12510023	LOCKWASHER ϕ 6 C3, C4U	6
59	12950-1	STRAIGHT BREATHER CONNECTOR 1/8"NPT×1/2-24	1
60	12510024	CENTRIFUGAL UNLOADER TUBE ϕ 8×810	1
61	18153	BUSHING 3/8"NPT×1/4"NPT	1
62	43456	BREATHER TUBING TEE 1/4"NPT×1/4"×1/4"	1
63	12510025	BREATHER TUBE ϕ 10×320	1
64	12510026	BREATHER TUBE ϕ 10×270	1
65	12510027	L.P. CYLINDER	2
66	12510028	GASKET-L. P. CYLINDER TO HEAD C3	2(*a)
67	12510029	L. P. HEAD C3 BEAR	2
68	S-16D-100	FILTER-INLET ASSEMBLY C3	2
69	16D	FILTER-REPLACEMENT ELEMENT C3	2
70	12510032	L. P. COPPER GASKET-VALVE C3	4

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PARTS LIST			
ITEM	PARTS#	DESCRIPTION	QTY
71	12510033	L. P. INLET VALVE C3	2
72	12510034	L. P. HOLD DOWN COVER-INLET C3	2
73	12510036	1/8PT ELBOW-UNLOADER TUBE	1
74	12510037	L. P. HOLD DOWN COVER-DISCH C3	2
75	12510038	L. P. UNLOADER PISTON C3	2
76	12510039	"O"RING-L. P. UNLOADER PISTON C3	2
77	12510040	"O"RING-L. P. HOLD DOWN COVER C3	4
78	12510041	L. P. DISCH VALVE C3 ASSEMBLY	2
79	12510042	ELBOW DISCH C3	1
80	12510043	UNLOADER TUBE $\phi 6 \times 620$	2
81	12510044	INTERCOOLER TUBE C3 L. P. TO L. P.	1
82	1551081	BREATHER ELBOW $\phi 10$	2
83	12510045	L. P. PISTON RING SET $\phi 125$ C3	2(*c)
84	12510046	L. P. PISTON $\phi 125$ C3	2
85	12510047	TEE C3	1
86	12510048	L. P. WRIST PIN-PISTON $\phi 28 \times 110$ C3	2
87	12510049	SNAP RING-HOLE $\phi 28$	6
88	12510050	INTERCOOLER TUBE C3 L. P. TO H. P.	1
89	12510051	NEEDLE BEARING WRIST PIN	3
90	431017	CONNECTING ROD WITH ALL BEARINGS C3	3
91	12510052	STRAIGHT DIPPER-OIL C3	1
92	12510053	OBLIQUE DIPPER-OIL C3	2
93	12510054	CON ROD CAPSCREW M5 $\times 12$	3
94	12510055	CON ROD LOCKWASHER $\phi 5$	3
95	12510056	H. P. DISCH ELBOW C3	1
96	12510057	HALF INSERTS ROD BEARING	3 PAIRS
97	12510058	BALANCE CRANKSHAFT	2
98	12510059	HEXAGON HEAD BOLT M16 $\times 80$	2
99	12510060	CRANKSHAFT C3	1
100	12510061	H. P. WRIST PIN $\phi 28 \times 84$ C3	1
101	12510062	H. P. PISTON $\phi 95$ C3	1
102	12510063	H. P. PISTON RING SET $\phi 95$ C3	1(*c)
103	12510064	FLYWHEEL RETAINER WASHER C3	1
104	12510065	BOLT FLYWHEEL RETAINER M12 $\times 40$	1
105	M12T	SPRING LOCKWASHER $\phi 12$	24

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