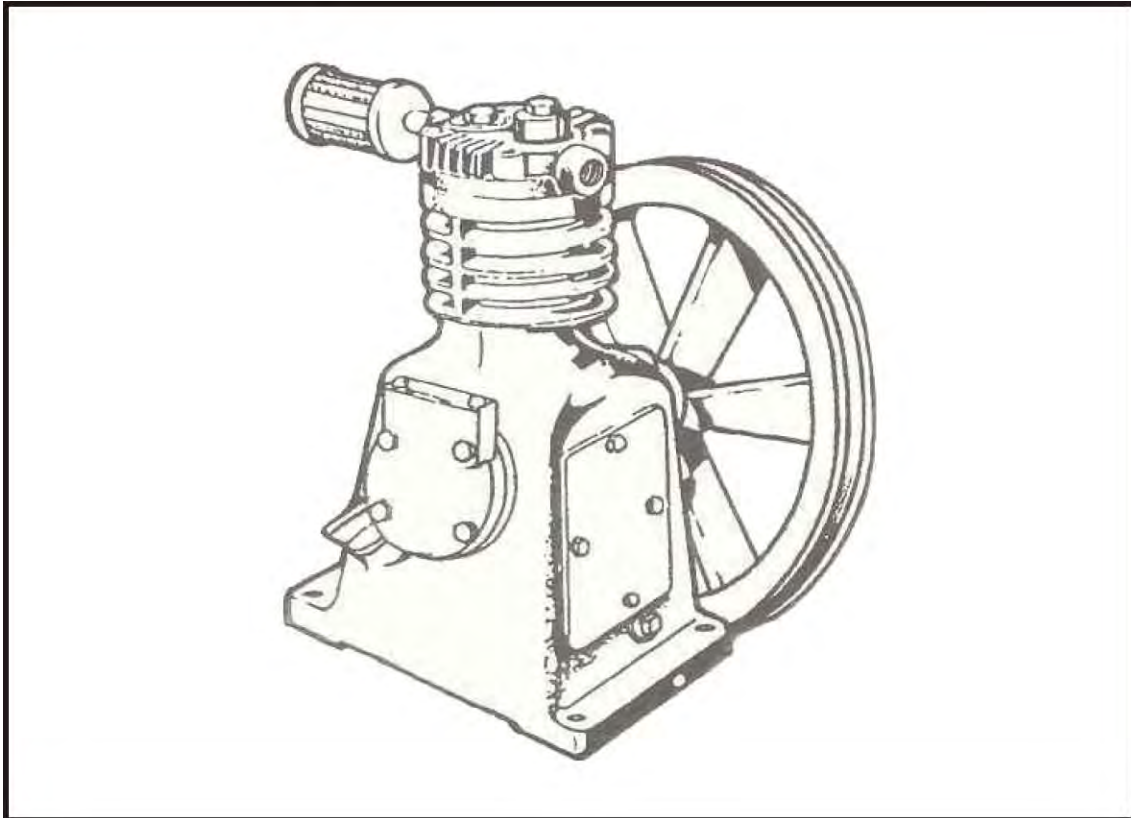




120 Series Compressor Pump

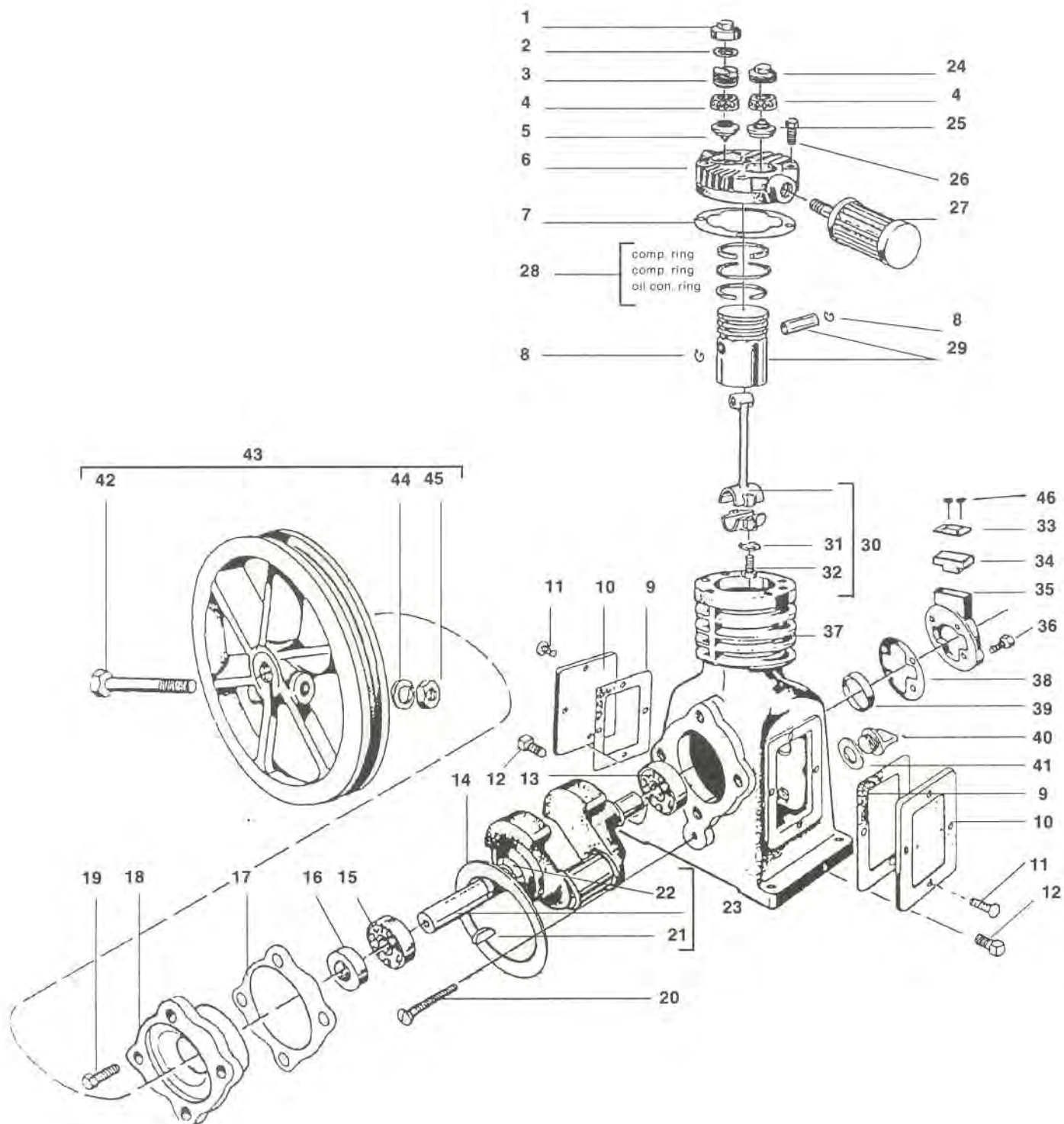
Note: This Pump is obsolete. Please contact your local DevairDistributor for Parts and/or a newer replacement Pump.



Warning: Check for proper oil level before using this equipment.

Use 20 weight non-detergent oil for ambient temperatures between 40° and 90°F. Use 30 weight non-detergent oil for ambient temperatures above 90°F.

Specifications:	Crankcase Capacity:	4 Fluid Oz (0.12 litres)
	Minimum RPM:	300
	Maximum RPM:	1200
	Max. Continuous Working Press.:	150 psi





The Item Numbers in the Chart(s) below refer to the Pump Breakdown on Page 2.

	Part Number	Qty	Description
1	1202-88	1	Exhaust Valve Cap
2	120-28	1	Gasket
3	1202-89	1	Exhaust Valve Plug
4	1201-92	2	Valve Seat Spacer
5	120-4405	1	Exhaust Valve Assembly
6	120-124	1	Cylinder Head
7	120-126	1	Head Gasket
8	120-20	2	Snap Ring
9	38513-122	2	Gasket
10	120-11	2	Inspection Plate
11	SS-912	8	10-24 x 3/8" RHMS
12	SS-1215	1	1/8" Pipe Plug
13	120-23	1	Ball Bearing
14	1205-5	1	Oil Throw Ring
15	220-23	1	Ball Bearing (NLA)
16	23174-306	1	Oil Seal
17	38543-106	1	Large End Plate Gasket
18	37314-502	1	Large End Plate
19	SS-9	4	1/4-20 X 5/8" HHCS
20	SS-916	1	1-24 x 1-1/4" RHCS
21	SS-1569	1	5/8 x 1/8" Key #405
22	120-43	1	Oil Cup
23	120-450	1	Crankshaft/Oil Cup Assy (NLA)
24	1202-79	1	Intake Valve Plug
25	120-417-2	1	Intake Valve Assembly
26	SS-16	4	5/16-18 x 1-1/2 HHCS

	Part Number	Qty	Description
27	350-9401	1	Air Intake Filter
28	KK-9833	1	Rink Kit (Std)
29	1205-412-1	1	Piston and Pin Assy (Std)
30	120-444-1	1	Rod and Cap Assy (NLA)
31	SS-3673	2	¼ Shakeproof Lock Washer
32	SS-6871	2	1/4-20 x 1" HHCS
33	36883-116	1	Crankcase Breather Cover
34	38554-110	1	Crankcase Breather Pad (NLA)
35	37721-110	1	Small End Plate (NLA)
36	SS-6871	4	1/4-20 x 1" HHCS (NLA)
37	37135-109	1	Cylinder/Crankcase (NLA)
38	120-128	1	Small End Plate Gasket
39	32233-121	1	Spacer (NLA)
40	NCB-303-1	1	Oil Filler Plug
41	SS-2670	1	'O' Ring
42	SS-32	1	3/8-16 x 3" HHCS
43	120-458	1	Flywheel 10" Dia, 'A' Section
44	SS-1502	1	3/8 Heavy Lock Washer
45	SS-657	1	3/8-16 Hex Nut
46	SS-01588	2	Screw (NLA)

Kits Available for the '120' Pump

	Qty	Description	Includes
45875-001	1	Complete Gasket Kit	# 2, 7, 9, 17, 34, 38, 41
VK-120	1	Valve Kit	# 2, 5, 25
OK-120	1	Overhaul Kit	# 16, 28, and (1) '45875-001', (1) 'VK-120'



Compressor Torque Values Honing Specifications

Description		In Lbs	Ft Lbs	Nm
1	Valve Cap	125	10.5	14.2
19	Large End Plate	72	6	8.1
25	Valve Plug	180	15	20.3
26	Intake Valve	36	3	4.06
27	Head Bolts	144	12	16.2
33	Connecting Rod - Crank End	120	10	13.5
37	Small End Plate	72	6	8.1
46	Flywheel Bolt	360	30	40.6

	Std. CylinderHone Diameter	Piston Skirt/Cyl Dia Clear.
Low Pressure Cylinder	2.0000	.0027
	2.0005	.0042

1. Diametral Clearance of oversized Cylinders and Pistons is the same as standard Cylinders and Pistons.
2. Cylinders must be within diametral tolerance at all points, out of round or taper must not exceed .0005. 3 Hone 20 min to 35 max micro inches of surface roughness.
4. De-burr the sharp corners at the top of the Cylinder opening with a 1/64 to 1/32 x 30° chamfer.

Pump Model	HP	150 psi		100 psi		# of Cyl. Bore Stroke			Flywheel Dia. Groove		Pump Dimensions (Refer to drawing)						Weight (Pounds) (Approx)
		RPM	Del'y (CFM)	RPM	Del'y (CFM)						A	B	C	D	E	F	
120	1/4	535	0.75	535	0.87	1	2"	2"	10"	1A	7"	10.375"	N/A	6.875"	5"	2.5"	16

Note: Though the dimensions are correct, the Pump may not be exactly as shown.

