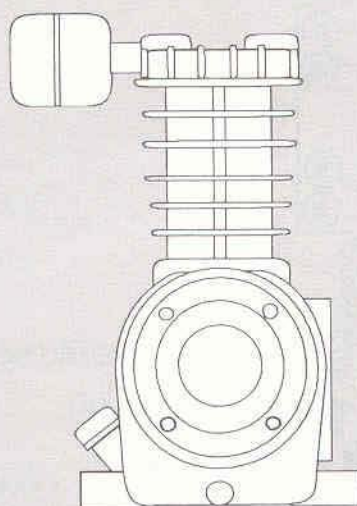




123 Series Compressor Pump



Plain Pump P.N. 123-4502
Less flywheel & air filter

Complete Pump P.N. 123-523
Comes with flywheel & air filter

NOTE: For installation and maintenance information refer to SB-30-001B

SPECIFICATIONS:

Crankcase Capacity - 18.5 fluid ounces or .55 litres

Minimum RPM - 350

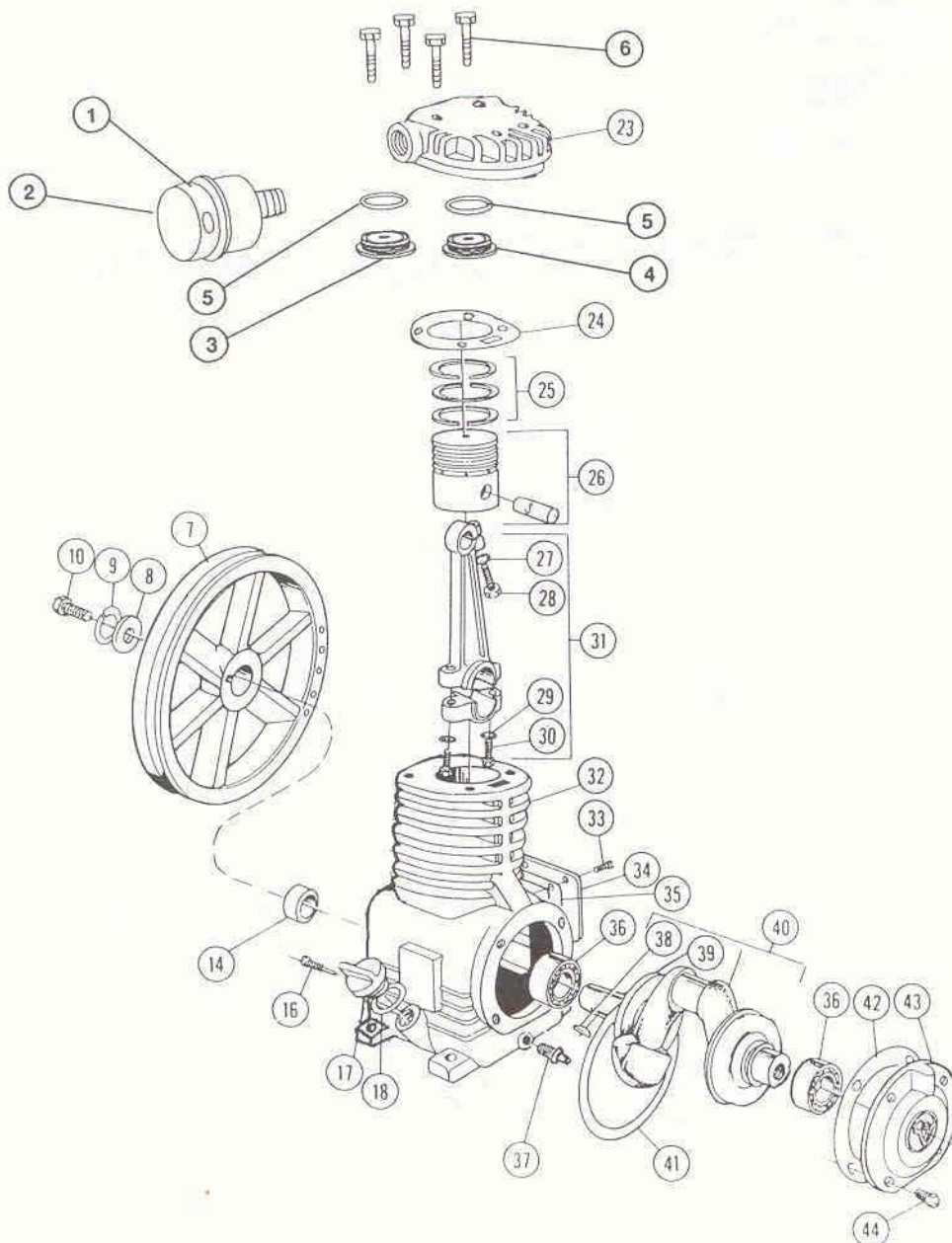
Maximum RPM - 950

Maximum continuous duty working pressure - 150 psi

WARNING - CHECK FOR PROPER OIL LEVEL BEFORE USING THIS EQUIPMENT

Use SAE 20 (Devair part no. PR-20) non-detergent oil for ambient temperatures above 40°F

Use SAE 30 (Devair part no. PR-30) non-detergent oil for ambient temperatures above 90°F



Ref. No.	Part No.	Description	Qty
1	356-9406	Silencer assembly	1
2	356-9701	Replacement filter element	1
3	123-417	Intake valve assembly	1
4	123-405	Exhaust valve assembly	1
5	123-28	Valve gasket	2
6	SS-39	Head bolt	4
7	31438-124	Flywheel	1
8	32233-122	Flywheel washer	1
9	SS-3607	3/8" medium lock washer	1
10	SS-25	Hex head cap screw 3/8-16X1"	1
14	130-111	Oil seal	1
16	220-6	Oil pickup ring retainer	1
17	NCB-303-1	Oil filler plug	1
18	SS-2670	O ring	1
23	123-24	Cylinder head	1
24	123-26	Cylinder head gasket	1
25	KK-9806	Ring Kit	1
26	45855-131	Piston and pin assembly	1

Ref. No.	Part No.	Description	Qty
27	SS-3673	Shakeproof lockwasher internal 1/4"	1
28	21741-194	Screw	1
29	SS-3674	Shakeproof lockwasher internal 5/16"	2
30	21741-193	Screw	2
31	45856-170	Rod & cap assembly	1
32	123-9700	Cylinder and crankcase	1
33	SS-1	Hex head cap screw 1/4-20X1/2"	5
34	123-11	Inspection plate	1
35	123-14	Inspection plate gasket	1
36	130-23	Ball bearing	2
37	DV-500	Oil drain valve	1
38	SS-1578	Key number 13 1X3/16"	1
39	225-43	Oil cup	1
40	123-9400	Crankshaft & oil cup assembly	1
41	32541-115	Oil pickup ring	1
42	38281-110	End plate gasket	1
43	37331-106	End plate	1
44	SS-12	Hex head cap screw 5/16-18X3/4"	4

Note: All gaskets available in one kit under Part No. GK-9405

■ These parts should be kept on hand for service convenience

Chart 1

COMPRESSOR TORQUE VALUES
(When SAE 20 oil is used as a lubricant)

Ref. No.	Description	In.lbs.	Ft.lbs.	Nm
44	Large end plate	144	12	16.2
16	Oil ring retainer	144	12	16.2
30	Connecting rod - crank end	228	19	25.7
28	Connecting rod - pin end	90	7.5	10.1
6	Head bolts	240	20	27.1
10	Flywheel bolts	360	30	40.6
33	Inspection cover	72	6	8.1
	<i>Valves</i>	<i>360</i>	<i>30</i>	

NOTE: Retorque head bolts, cylinder bolts, intercooler and end plates after first 10 hours of operation.

In.lbs. Inch Pounds

Ft.lbs. Foot Pounds

NM Newton Meters

Chart 2

HONING SPECIFICATIONS

Cylinder	Std. Hone dia.	Skirt/cyl. dia. clearance
Standard cylinder	2.5000/2.5005	.0035/.0055

1. Cylinder must be within diametral tolerance at all points, out of round or taper must not exceed .0005.
2. Hone, 20 min. to 35 max. micro inches of surface roughness.
3. De-burr the sharp corners at the top and bottom of the cylinder opening with a 1/64 to 1/32 X 30 degree chamfer.

COMPRESSOR DIMENSIONS