



- NOTES:
- (A) INNER RACE OF BEARING TO HAVE MAX. FACE RUNOUT OF .002 T.I.R.
  - (B) USE LOCTITE 272 OR 270 ON NAME PLATE SCREW THREAD.
  - (C) ASSEMBLE BEARING WITH SEAL SHOWING OUTBOARD.
  - (D) ITEM 104 - USED ONLY ON 1700 SERIES.
  - (E) USE PERMATEX #2 ON THREADS (ITEM 111) & AROUND BREATHER (ITEM 141)
  - (F) INSTALL BREATHER (ITEM 141) FLUSH WITH OUTSIDE OF GEAR COVER (ITEM 6)
  - (G) APPLY LOCKTITE 567 ON THREADS

RIGHT SIDE / BOTTOM DISCHARGE

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MFG. REF. :				CERTIFIED				MAT'L :		PATT. No.		GEOMETRIC TOLERANCE PER: EP938		ORDER No.	
A	LOCTITE 272 WAS J.C. PLASTIC LEAD	RK	5/2/02	T94	RK	AGP	PURCHASE ORDER:		DR. RVE	3/2/91	DIMENSIONAL TOLERANCES PER T1		DO NOT SCALE FOR DIMENSIONS		THIRD ANGLE PROJECTION
B	ADDED NOTE "G"	AKP	8/15/06	7822V			PROJECT:		CHKD. DB	3/10/91	T1: TWO PLACE DECIMALS (.XX)±.015		T2: ANCHOR BOLT LOCATIONS ±.17		
C	UPDATE TO ACAD/HOWDEN	MPM	2/16/16	16916V	RK	AGP	LOCATION:		APP. AGP	3/11/91	T2: BLOWER INLET & DISCHARGE LOCATIONS ±.25		ALL OTHER DIMENSIONS REFERENCE		
REVISIONS		BY	DATE M/D/Y	CHANGE NOTICE	CHKD	APP	EQUIPMENT No. :		DBV.		SCALE NTS		DATE M/D/Y		
							CERTIFIED BY:		SECTIONAL ASSEMBLY		1700J & 2500J V/H WHISPAIR MAX BLOWER		71898022		
							DATE (M/D/Y):		ROOTS BLOWER, LLC		CONNERSVILLE, IN USA		P: 765-827-9200		
							CAD FORMAT AUTO CAD		71898A22/XASR		SHEET 1 OF 1		REV A		



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71898022  
SHEET 1 OF 1  
REV A

**2500-J/DVJ/DVJ C-FLANGE WHISPAIR Max Blower Parts List**

Item No.	Part Name	Qty.
1	HDPL DE 2500 WHISPAIR COATED	1
1	HDPL DR 2500C FLANGE COATED (DVJ C-Flange)	1
2	HDPL GE 2500 WHISPAIR COATED	1
6	GEAR, CVR 2500 UNITS	1
7	GEAR, ASSY 2500 W/M	1
8	JET MANIFOLD 2-1/2" DVJ	1
10	PLG, SHIP 2" NPT	1
11	GASKET GEAR CVR 2-1/2" W/M	1
12	PLUG, PIPE-CSUNK 2" (IRON)	1
13	SCR, CAP SOCH 10-24 x .50 (DVJ)	8
13	SCR, CAP SOCH 10-24 x .63 (DVJ CPLG C-FLANGE)	8
14	FOOT, R/H 2-1/2" UNIT	1
15	FOOT, L/H 2-1/2" UNIT	1
100	BRG, BALL FAG #6304RSR	2
101	BRG, BALL FAG #6304	2
102	NUT, HEX ESNA 5/8-18	2
105	SCR, CAP HEXH 5/16-18 x 4.0	8
107	SCR, CAP HEXH 5/16-18 x .75	8
108	PIN, DOWEL 1/2 x 1.00	4
110	SCR, SELF-TPNG RNDH 8-32 x .25	1
111	PLUG, PIPE-HH 1/8" DRYSEAL	3
113	KEY, SQ 3/16" x 3/16" x 1-3/8	1
114	PLG, SHIP 2-1/2 NPT	2
117	SEAL, LIP (MITON) 7/8" SFT	4
120	FTG, GREASE 1/4-28" TAPER	2
123	SCR, CAP HEXH 5/16-18 x .75	12
127	PLUG EYELET .208 DIA	1
133	LABEL LUBE W/M UNITS	1
136	ARROW ROT CURVED 1.094 LG	1
137	SCR, DRV RNDH #4 x .31	2
138	LABEL 1/2" x 2-3/8"	1
139	BRGM CVR-DE 2-1/2" (NOT DVJ -C-FLANGE)	1
140	PLG, PIPE 1/8 STL	1
141	AIR, FLTR 5/32" x .025 x .562	1

**Specified Lubricants**

ROOTS Synthetic Oil: ISO-VG-320 Grade	
	Part Number
Quart	13106004
Gallon	13106005
Case (12 qts.)	13106007

ROOTS Synthetic Oil: ISO-VG-220 Grade	
	Part Number
Quart	13106001
Gallon	13106002
Case (12 qts.)	13106008

ROOTS Synthetic Oil: ISO-VG-150 Grade	
	Part Number
Quart	13106020
Gallon	13106021
Case (12 qts.)	13106023
5 Gallon Pail	13106022
50 Gallon Drum	13106025

ROOTS Synthetic Oil: ISO-VG-100 Grade	
	Part Number
Quart	13106011
Gallon	13106012
Case (12 qts.)	13106014
5 Gallon Pail	13106013
50 Gallon Drum	13106016