



- NOTES
- A #25(.150) DRILL 1/4 DP & INSTALL ITEM 20 (SCREWS) IN ASSEMBLY
 - B SEE OPERATING MANUAL IRB-180 FOR LUBRICATION INSTRUCTION
 - C INSTALL BEARINGS AS SHOWN BEFORE SETTING END CLEARANCE
 - D NUT TO BE TORQUED TO: 6"---400 LB. FT.
 - E USE RED LOCKTITE ON SET SCREW THREADS. MUST HAVE .06 CLERANCE BETWEEN SLINGER & BEARING TORQUE TO 100 IN.LB. EACH SCREW
 - F LOOKING AT THE DRIVE SHAFT END,
 - a) BREATHER MUST BE MOUNTED ON RIGHT SIDE FOR VERTICAL, LEFT OR RIGHT DISCHARGE UNIT
 - b) BREATHER MUST BE MOUNTED ON LEFT SIDE FOR HORIZONTAL, TOP DISCHARGE UNIT

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MFG. REF. : 62600A23	SPEC SECTION:	ENGINEER CO:	MATL :	PATT. No.	GEOMETRIC TOLERANCES PER: EPI938	ORDER No.				
▲ UPDATED TO ACAD, HOWDEN	MPH 2/16/16 16916V	MHM	DR. RK 8/14/03	ORDER No.	DO NOT SCALE FOR DIMENSIONS					
▲ SET SCREW TORQUE REQUIREMENTS	MHM 3/26/14 15904V		CHKD. RK 8/15/03	T1: 7500-PLUS SERIALS 73000-73000	T2: BLOWER INLET & DISCHARGE LOCATIONS					
▲ ADDED ITEM #32A	AKP 12/12/05 7631V	AGP	APP. AGP 8/16/03	DATE (M/D/Y) :						
▲ REMOVED ITEM #44	ALJ 6/21/05 7527V		DBV.							
REVISIONS	BY	DATE (M/D/Y)	CHANGE NOTICE	CHD	APP	CAD FORMAT	CAD FILE / DIRECTORY	SCALE	DATE (M/D/Y)	
							T30382A23 / XASR			
							SECTIONAL ASSEMBLY		THIRD ANGLE PROJECTION	
							6" U-RAI DSL BLOWER WITH TAPER GEAR FIT		Comnerv Inc. IN USA	
									P: 765-827-9200 F: 765-827-9266	
									T30382023	
									SHEET 1 OF 1	
									REV E	

7419V

Universal RAI®-DSL Series Blowers Parts List 6" Gear Diameter

(Refer to drawing #T30382023)

Item #	Part Name	Qty.	Item #	Part Name	Qty.
1	Headplate Gear End	1	23	Screw Hex Nylock	8
2	Headplate Drive End	1	25	Breather (Plug Vent)	1
3	Gearbox	1	26	Screw, Hex	*
4	Timing Gears	2	27	Seal, Lip Bearing	4
7	Gasket, Gear Box	1	31	Screw, Hex, Nylock	4
11	Cylinder	1	32	Screw, Hex	10
12	Impeller & Shaft Drive	1	33	Seal Lip-Drive	1
13	Impeller & Shaft Driven	1	34	Clamp Plate	2
14	Bearing, Ball	3	35	Foot	2
15	Bearing, Roller	1	39	Washer Mounting	4
16	Pin, Dowel	4	48	DE Oil Slinger Set Screw	4
17	Gear Nut	2	50	Drive End Cover	1
19	Key	1	52	Drive End Oil Slinger	2
21	Plug, Pipe	3	53	Oil Sight Glass	2

*Quantities vary by blower.