



RESEARCH & DEVELOPMENT  
ENGINEERING SPECIFICATION

Part No..	801-013 SU (37 TO 42)	REV.
Ref. Code	302	--
U.O.M.	EA	
Engg.Ref.	KW Series	

Part Description: BLOWER KIT ASSEMBLY

APPROVED VENDOR : comefri  
THLZ 200 TA TO THLZ 630 TA

1HH-1

TECHNICAL CHARACTERISTICS:

- SCROLL : Manufactured from high quality galvanized steel.
- IMPELLER : Have backward curved impellers manufactured in glass reinforced polyamid/mild steel. Impellers blades are mounted on the back plate and locked on to the holding shroud. Impellers are statically and dynamically balanced in accordance with ISO 1940/1, G 6.3.
- BLOWER MOUNT: Steel frame section painted with epoxy paint & have cast iron bearing supports with grease points.
- BEARINGS : Ball bearing type hermatically sealed, self aligning and with an eccentric ring for clamping to shaft.
- SHAFT : Shaft are manufactured from high quality steel, key way at both ends and at the impeller location points.

Blower kit to be comprised and assembled of the following items.

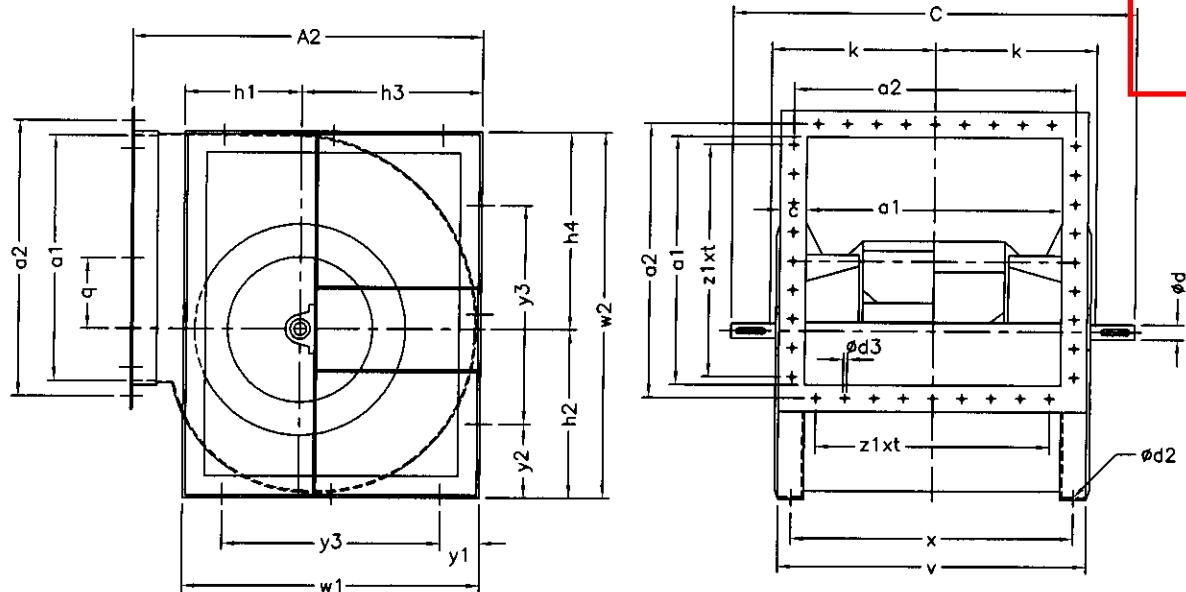
- 1) Scroll
- 2) Impeller
- 3) Bearings
- 4) Cut off
- 5) Shaft
- 6) Key
- 7) Blower/Bearing mount frame
- 8) Outlet flange

- SUFFIX A : INLET VANE CONTROL
- B : INLET GUARD
- C : SHAFT GUARD
- D : INSPECTION DOOR
- E : DRAIN PLUG
- F : EXPLOSION PROOF DESIGN
- G : EXTENDED GREASE LINES
- H : FAN EXPOXY COATED
- Z : SPECIAL DESIGN (SPECIFY)

**: INFORMATION TO BE PROVIDED BY VENDOR				SHEET 1 OF 2		SCALE: N.T.S.	
ALL DIMENSIONS ARE IN mm.				Prepared by		SASIDHARAN	
Tolerance: Unless noted(±):Fraction: 1/32; Decimal: 0.031"				Checked by		ANWAR	
						IHSAN	
						ASIF PASHA	
				Approved by		H.A. BOUNYAN	
02	SUFFIX ADDED.	VINOD	08 MAY 03	Issue Date		03 JAN 2001	
01	IMPELLER MATERIAL REVISED	SASI	09 FEB 02	File Ref.		\\ZICCEIP001\PE\80101337-42	
Rev#	Revision Details	Designer	Rev.Date				

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1HH-2

SU	REV	ENGG REF	THLZ...TA	A2	a1	a2	C	c	ød	ød2	ød3	h1	h2
37	02	KW03/04	200	344	256	286	435	25	20	7.5	7.5	133	150
38	02	KW05/06	250	420	322	352	494	25	20	7.5	7.5	160	188
39	02	KW08/10	315	516	404	434	608	25	25	10	7.5	198	235
40	02	KW13/16	400	651	507	537	753	25	30	10	7.5	245	300
41	02	KW20/25	500	800	638	668	906	25	35	12	7.5	295	374
42	02	KW32/40	630	998	801	831	1115	25	40	15	7.5	371	471

SU	REV	ENGG REF	THLZ...TA	h3	h4	q	v	w1	w2	x	y1	y2	y3	z1xt
37	02	KW03/04	200	180	220	89	307	312	372	282	45	73	224	2 x 90
38	02	KW05/06	250	225	273	109	373	384	460	348	80	118	224	3 x 90
39	02	KW08/10	315	283	343	139	466	480	578	436	101	149	280	4 x 90
40	02	KW13/16	400	361	436	179	588	606	736	549	126	191	355	5 x 90
41	02	KW20/25	500	448	544	221	720	744	918	681	147	234	450	6 x 90
42	02	KW32/40	630	564	686	280	904	936	1158	854	188	299	560	8 x 90

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SHEET 2 OF 2

SCALE: N.T.S.

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