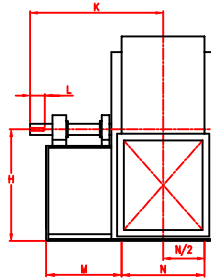
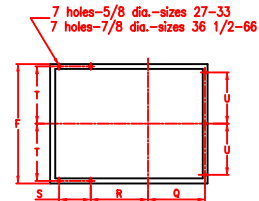


SIDE ELEVATION (drive side)
BOTTOM HORIZONTAL COUNTER CLOCKWISE



FRONT ELEVATION



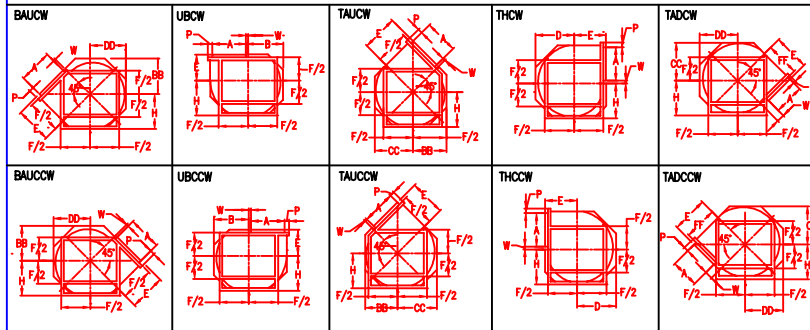
FOUNDATION (plan)

DIMENSIONS - INCHES

FAN SIZE	WHEEL DIA.	SHAFT AT BEARINGS		KEYWAY	A	B	D	E		F	H						K	L
		CL.III	CL.III					BH BAU UB TAU TH	TAD ONLY		BH	BAU	UB	TAU	TH	TAD		
27	27	2 15/16	3/4x3/8		25 3/8	20 3/8	24 7/16	20 1/4	26 3/4	35 3/4	29	29	29	29	29	29	43 3/4	6
30	30	2 7/16	5/8x5/16		28 1/16	22 1/2	26 15/16	22 3/4	30 1/8	39 7/16	31 11/16	31 11/16	31 11/16	31 11/16	31 11/16	31 11/16	47 1/2	7
33	33	2 7/16	5/8x5/16		31 1/8	24 15/16	29 7/8	22 1/4	32 1/8	42 5/8	34 13/16	34 13/16	34 13/16	34 13/16	34 13/16	34 13/16	50 3/8	8
36 1/2	36 1/2	2 7/16	5/8x5/16		34 3/16	27 7/16	32 7/8	25 3/4	34	46	38	38	38	38	38	38	52 1/2	8
40 1/4	40 1/4	2 11/16	5/8x5/16		37 7/8	30 1/4	36 1/4	28 1/4	36	50 1/4	42 5/8	40	37 15/16	34 1/2	31 9/16	29	58 1/2	9
44 1/2	44 1/2	2 15/16	3/4x3/8		42 1/16	33 3/8	40	31	39 1/2	55 1/4	46 9/16	44	41 15/16	37 1/2	35	31 1/2	59 1/4	9
49	49	3 3/16	3/4x3/8		46 5/8	36 7/8	44 3/16	33 3/4	43	61	51 1/16	48 1/2	45 15/16	41 1/2	38 7/16	35	60 1/4	9
54 1/4	54 1/4	3 7/16	7/8x7/16		51 13/16	40 5/8	49 1/16	37	47 1/4	67 1/4	55 7/8	53 1/2	50 3/4	45 1/2	42 5/8	38	64 1/4	9
60	60	3 11/16	7/8x7/16		57 1/32	44 15/16	53 7/8	40 3/4	52 1/8	74 1/4	61 3/8	59	55 3/8	50 1/2	46 1/2	42	66 3/4	9
66	66	3 15/16	1x1/2		62 7/8	52 1/4	62	45	57 7/8	82	69 1/2	66 7/8	62 1/2	57	52 3/4	48	74 1/2	9

FAN SIZE	M	N	P	Q	R	S	T	U	W	BB	CC	DD	FF	MIN.FAN SHEAVE DIA.
27	29	21 9/16	3	12 9/16	15 1/2	23	16 5/8	12 1/2	5/8	18 15/32	26 1/32	22 3/32	24 3/8	
30	30 5/8	23 3/4	3	13 5/8	16 5/8	24 5/8	18 1/2	15	5/8	20 3/8	30 11/16	24 3/8	27 3/32	
33	31 3/16	26 1/2	3	15	18	25 3/16	20 1/16	16 1/2	23/32	22 5/8	31 27/32	27 1/16	29 3/16	
36 1/2	31 15/16	29 1/8	3	16 5/16	19 5/16	25 15/16	21 3/4	18	53/64	24 27/32	35	29 3/4	31 1/4	
40 1/4	36 1/4	32 1/8	4	18 9/16	22 9/16	28 1/4	23 5/8	21 5/8	25/32	27 7/16	38 5/8	32 13/16	32 1/2	
44 1/2	35 9/16	35 3/8	4	20 3/16	24 3/16	27 9/16	26 1/8	24 3/16	17/32	30 1/4	42 5/8	36 3/16	35 3/4	
49	34 11/16	39 1/16	4	22 1/16	26	26 11/16	29	26 5/8	15/32	33 1/2	47 1/8	40	39 7/16	
54 1/4	36 3/4	43	4	24	28	28 3/4	32 1/8	30 1/8	3/32	36 7/8	51 15/16	44 1/8	43 9/16	
60	36 7/8	47 9/16	4	26 5/16	30 1/4	28 7/8	35 5/8	33 3/4	11/32	40 3/4	57 7/16	49 3/4	48 1/8	
66	42 7/8	52 9/16	6	29 25/32	39	27 5/8	38 1/2	36 1/2	5/8	47 7/16	66 5/16	56 3/8	53 5/8	

POSITIONS OF DISCHARGE AND ROTATION



SPECIAL FEATURES

- A=FLANGED OUTLET
- B=FLANGED INLET
- C=INLET VOLUME CONTROL
- D=OUTLET DAMPER
- E=CLEANOUT DOOR
- F=SHAFT COOLER AND GUARD
- G=HOUSING DRAIN
- H=INLET SCREEN
- J=SHAFT SEAL
- K=SPLIT HOUSING
- L=SPECIAL FINISH—SEE NOTES
- M=SPARK RESISTANT CONSTRUCTION, TYPE 'C'
- N=BELT GUARD
- P=SHAFT AND BEARING GUARD
- Q=UNITARY BASE
- R=INLET COLLAR
- S=EXTENDED GREASE LEADS

ITEM NO	IDENTIFICATION	NO REQ'D	FAN SIZE	DISCH. & ROT.	WHEEL TYPE	CL.	PERFORMANCE							MOTOR DATA					
							C.F.M.	O.V.	S.P.	R.P.M.	B.H.P.	TEMP.	ELEV.	H.P.	R.P.M.	CURRENT	FRAME	TYPE	

ITEM NO	MOTOR SLIDE BASE PART #7-2-94-	DRIVE DATA			BY S.E. ☐ BY CUST. ☐	MOTOR	BASE TYPE	SPECIAL FEATURES	CUSTOMER	JOB NAME	LOCATION
		MTR.SHEAVE	FAN SHEAVE	BELTS							

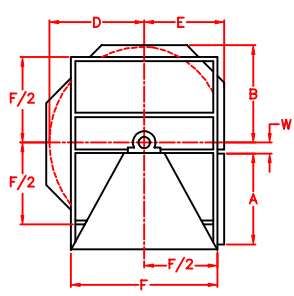


SERIES 8000 SIZES 27 TO 66
ADJUSTABLE HOUSING ARRANGEMENT NO 1 & 9
SISW CLASS III

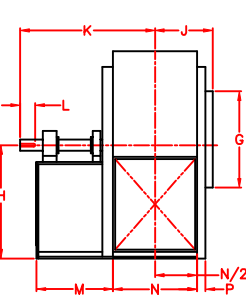
SHELDONS ENGINEERING

1425 BISHOP STREET, UNIT 9
CAMBRIDGE, ONTARIO, CANADA N1R 6J9
PHONE (519) 621-1800 FAX: (519) 622-3456

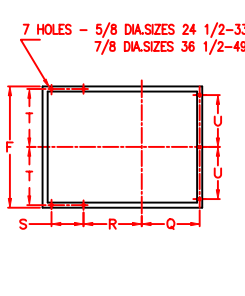
FURNISHED FOR SALES PURPOSES—DIMENSIONS NOT CERTIFIED BY S.E.	DATE	SUBMITTED BY	SALES OFFICE
DRAWING CERTIFIED BY S.E. FURNISHED FOR APPROVAL - NOT RELEASED FOR PRODUCTION	DATE	ENGINEER	SO#
DRAWING CERTIFIED BY S.E. APPROVAL - NOT REQUIRED - RELEASED FOR PRODUCTION	DATE	ENGINEER	DWG#



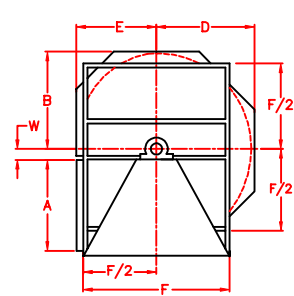
SIDE ELEVATION (drive side)
BOTTOM HORIZONTAL COUNTER CLOCKWISE



FRONT ELEVATION



FOUNDATION (plan)



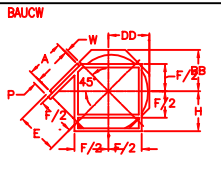
SIDE ELEVATION (drive side)
BOTTOM HORIZONTAL COUNTER CLOCKWISE

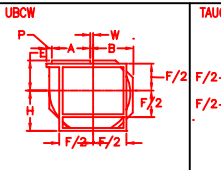
DIMENSIONS - INCHES

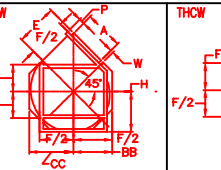
FAN SIZE	WHEEL DIA.	SHAFT AT BEARINGS	KEYWAY	A	B	D	E		F	G	H						J
							BH,BAU,UB,TAU TH	TAD ONLY			BH	BAU	UB	TAU	TH	TAD	
27	27	2 3/16	1/2x1/4	28 1/32	21 3/4	25 3/4	19 1/2	26 3/4	35 3/4	30 5/8	28 1/2	27 3/4	26 1/4	24 5/16	22 1/4	22 3/8	12 7/8
30	30	2 7/16	5/8x5/16	31 1/8	23 7/8	28 1/4	22	30 1/8	39 7/16	33 13/16	31 3/16	30 3/8	28 3/4	26 9/16	24 3/8	24 7/32	14 1/2
33	33	2 7/16	5/8x5/16	34 3/16	26 13/16	31 11/16	23 1/2	31 3/8	42 5/8	37	34 13/16	34 5/16	32 3/16	29 3/8	27 5/16	25 5/16	15 3/4
36 1/2	36 1/2	2 15/16	3/4x3/8	37 7/8	29 7/32	34 3/8	25	33 1/4	46	40 3/8	38	37 1/2	35 1/8	32 1/16	29 3/4	27 1/8	17 1/2
40 1/4	40 1/4	2 15/16	3/4x3/8	42 1/16	32 3/32	38	27 1/2	35 1/4	50 1/4	40 5/8	41 21/32	41 3/16	38 1/2	35 1/8	32 5/8	29 11/16	18 1/2
44 1/2	44 1/2	3 7/16	7/8x7/16	46 5/8	35 5/32	41 11/16	30 1/4	38 3/4	55 1/4	44 1/8	45 19/32	45 1/8	42 1/4	38 7/16	35 11/16	32 7/16	20 1/8
49	49	3 11/16	7/8x7/16	51 13/32	38 21/32	45 7/8	33	42 1/4	61	48 7/8	50 3/32	49 9/16	46 3/8	42 3/16	39 3/16	35 5/8	21 31/32
54 1/4	54 1/4	3 15/16	1x1/2	57 1/32	42 13/32	50 3/8	36 1/4	46 1/2	67 1/4		54 29/32	54 3/8	50 7/8	46 1/4	42 15/16	39	

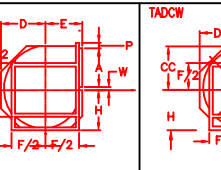
FAN SIZE	K	L	M	N	P	Q	R	S	T	U	W	BB	CC	DD	FF	MIN.FAN SHEAVE DIA.
27	40 1/4	7	24 1/16	21 9/16	2 1/2	12 5/32	14 27/32	18 5/8	16 3/4	13 7/8	2 1/32	19 13/16	27 9/16	23 7/16	24 1/4	
30	43 3/4	8	25 3/8	23 3/4	2 1/2	13 1/4	15 1/4	20 5/8	18 19/32	15 23/32	2 7/16	21 11/16	29 7/8	26 1/16	27 5/8	
33	47 3/4	8	28	26 1/2	2 1/2	14 5/8	17 1/4	22 5/8	20 3/16	17 5/16	2 11/32	24 7/16	33 13/16	28 7/8	28 11/16	
36 1/2	51 3/8	8	30 1/4	29 1/8	2 1/2	15 15/16	17 13/16	25 5/8	21 7/8	19	2 55/64	26 5/8	36 13/16	31 3/8	30 3/4	
40 1/4	51 5/8	8	29 5/8	32	3	17 3/4	19 5/8	24 1/4	23 7/8	20 5/8	3 13/32	29 3/16	40 21/32	34 5/8	32 7/8	
44 1/2	57 3/8	8	34 3/8	35 1/4	3	19 3/8	24	26 1/4	26 1/2	23 1/8	4 1/32	31 15/16	44 9/16	37 15/16	36 1/8	
49	61 1/8	8	35 7/8	38 15/16	3	21 7/32	24 11/32	29 1/4	29 1/4	26	4 5/16	35 1/8	49 1/16	41 11/16	39 3/4	
54 1/4	69 3/8	10	40 1/8	42 7/8	3	23 3/16	25 9/16	34 1/4	32 3/8	29 1/8	5 1/8	38 1/2	53 7/8	45 3/4	43 7/8	

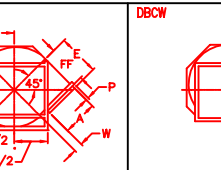
POSITIONS OF DISCHARGE AND ROTATION

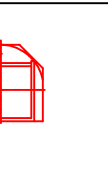


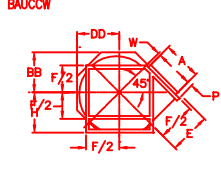


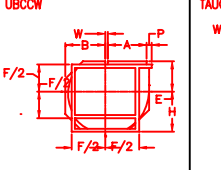


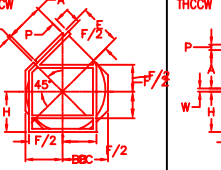


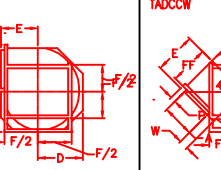


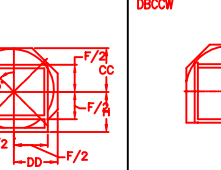


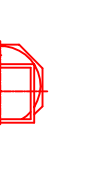












ITEM NO	IDENTIFICATION	NO REQ'D	FAN SIZE	DISCH. & ROT.	WHEEL TYPE	CL.	PERFORMANCE							MOTOR DATA				
							C.F.M.	O.V.	S.P.	R.P.M.	B.H.P.	TEMP.	ELEV.	H.P.	R.P.M.	CURRENT	FRAME	TYPE

ITEM NO	SLIDE MOTOR BASE PART #7-2-94	DRIVE DATA				BY CUST. BY S.E.	MOTOR	VIBR. BASE TYPE	SPECIAL FEATURES
		MTR.SHEAVE	FAN SHEAVE	BELTS	CENTRE				

SPECIAL FEATURES

A=FLANGED OUTLET
B=FLANGED INLET
C=INLET VOLUME CONTROL
D=OUTLET DAMPER
E=CLEANOUT DOOR
1.QUICK CLAMP
2.BOLTED
3.PLUG
F=SHAFT COOLER AND GUARD
G=HOUSING DRAIN
H=INLET SCREEN
J=SHAFT SEAL

K= SPLIT HOUSING
L=SPECIAL FINISH-SEE NOTES
M=SPARK RESISTANT CONSTRUCTION, TYPE "C"
N=BELT GUARD
P=SHAFT AND BEARING GUARD
Q=VIBRATION/UNITARY BASE
R=INLET COLLAR
S=EXTENDED GREASE LEADS

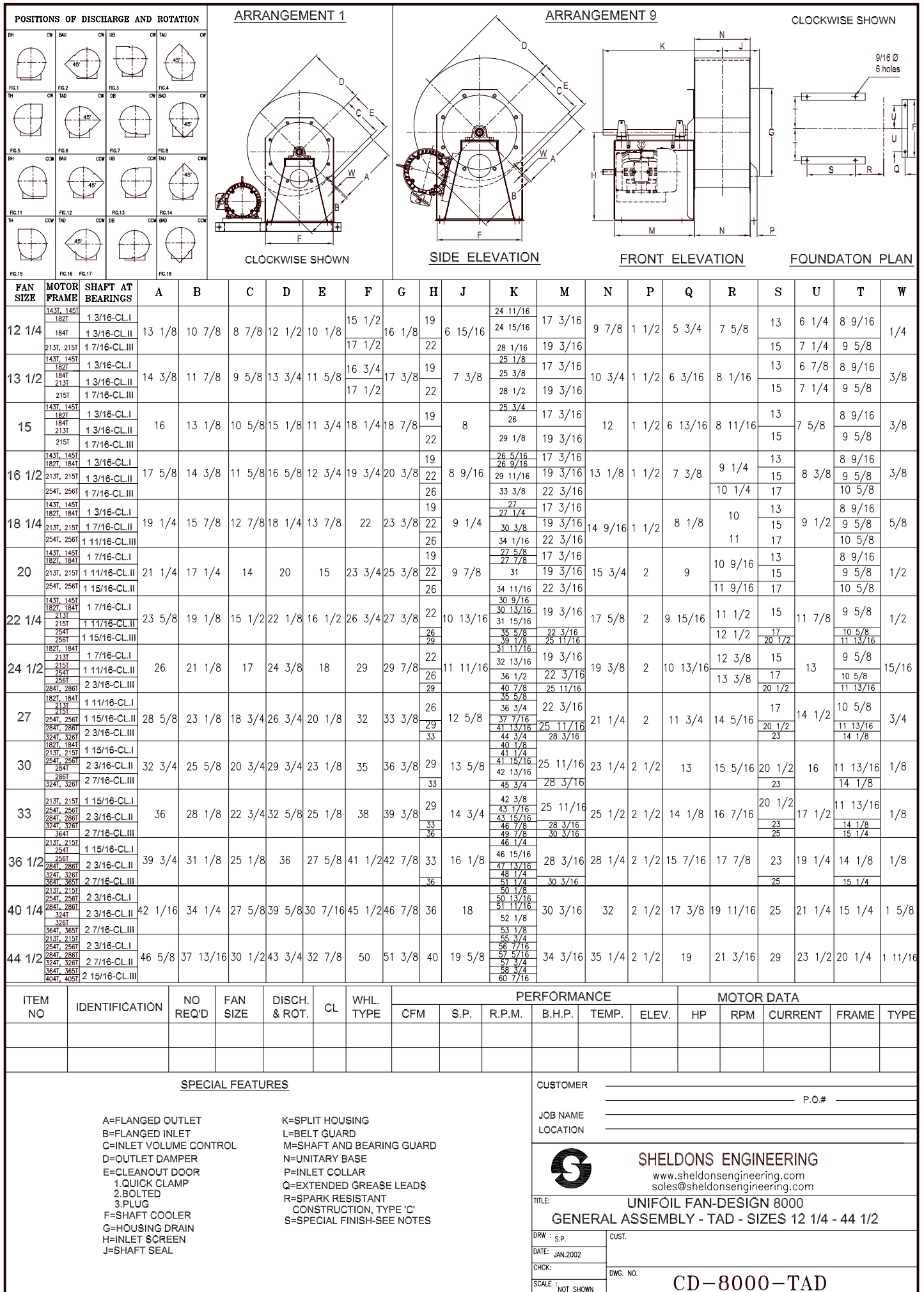
CUSTOMER _____

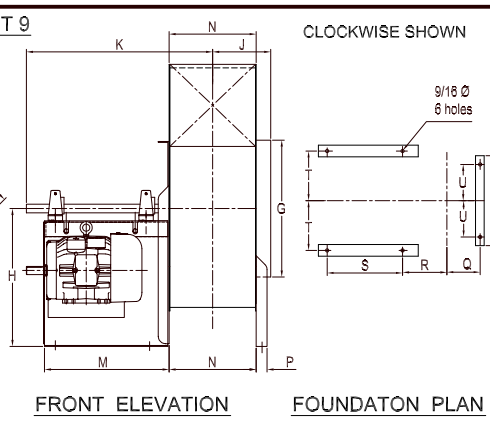
JOB NAME _____ P.O.# _____

LOCATION _____

SERIES 8000 SIZES 27 TO 54 1/4
CENTRIFUGAL FAN ARRANGEMENT I
SISW CLASS IV
SHELDONS ENGINEERING
 1425 BISHOP STREET, UNIT 9
 CAMBRIDGE, ONTARIO, CANADA N1R 6J9
 PHONE (519) 621-1800 FAX: (519) 622-3456

FURNISHED FOR SALES PURPOSES-DIMENSIONS NOT CERTIFIED	DATE _____	SUBMITTED BY _____	SALES OFFICE _____
DRAWING CERTIFIED BY S.E. FURNISHED FOR APPROVAL - NOT RELEASED FOR PRODUCTION	DATE _____	ENGINEER _____	SO# _____
DRAWING CERTIFIED BY S.E. APPROVAL NOT REQUIRED-RELEASED FOR PRODUCTION	DATE _____	ENGINEER _____	DWG# _____

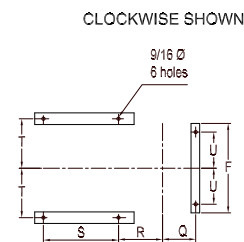
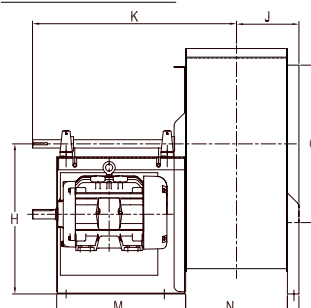
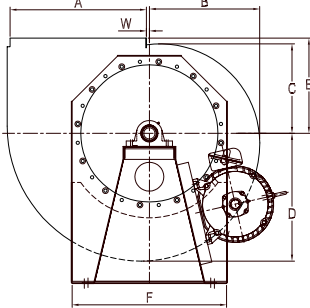
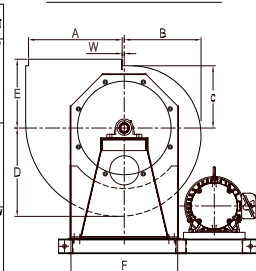
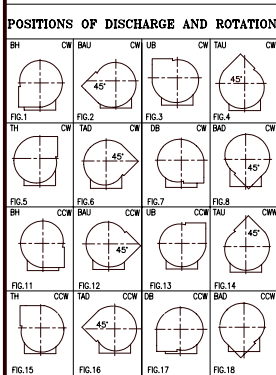


[illegible]

CUST.	
DWG. NO.	CD-8000-TAU

POSITIONS OF DISCHARGE AND ROTATION				ARRANGEMENT 1				ARRANGEMENT 9				CLOCKWISE SHOWN															
SIDE ELEVATION				FRONT ELEVATION				FOUNDATION PLAN																			
FAN SIZE	MOTOR FRAME BEARINGS	SHAFT AT BEARINGS	A	B	C	D	E	F	G	H	J	K	M	N	P	Q	R	S	U	T	W						
12 1/4	143T, 145T 182T	1 3/16-CL-I	13 1/8	10 7/8	8 7/8	12 1/2	10 1/8	15 1/2	16 1/8	19	6 15/16	24 11/16 24 15/16	17 3/16	9 7/8	1 1/2	5 3/4	7 5/8	13	6 1/4	8 9/16	1/4						
	184T	1 3/16-CL-II						17 1/2				22	28 1/16 25 1/8					19 3/16				15	7 1/4 9 5/8				
	213T, 215T	1 7/16-CL-III						16 3/4				17 3/8	19					7 3/8				25 3/8	17 3/16	13	6 7/8 8 9/16		
	143T, 145T 182T	1 3/16-CL-I						17 1/2				22	28 1/2					19 3/16				15	7 1/4 9 5/8				
13 1/2	184T	1 3/16-CL-II	14 3/8	11 7/8	9 5/8	13 3/4	11 5/8	16 3/4	17 3/8	19	7 3/8	25 3/8	17 3/16	10 3/4	1 1/2	6 3/16	8 1/16	13	6 7/8 8 9/16	3/8							
	215T	1 7/16-CL-III						17 1/2				22	28 1/2					19 3/16			15	7 1/4 9 5/8					
	143T, 145T 182T	1 3/16-CL-I						17 1/2				22	28 1/2					19 3/16			15	7 1/4 9 5/8					
	184T	1 3/16-CL-II						17 1/2				22	28 1/2					19 3/16			15	7 1/4 9 5/8					
15	143T, 145T 182T	1 3/16-CL-I	16	13 1/8	10 5/8	15 1/8	11 3/4	18 1/4	18 7/8	19	8	25 3/4 26	17 3/16	12	1 1/2	6 13/16	8 11/16	13	7 5/8	8 9/16	3/8						
	184T	1 3/16-CL-II						26				17 3/16	15					9 5/8									
	213T	1 7/16-CL-III						26				17 3/16	15					9 5/8									
	215T	1 7/16-CL-III						26				17 3/16	15					9 5/8									
16 1/2	143T, 145T 182T, 184T	1 3/16-CL-I	17 5/8	14 3/8	11 5/8	16 5/8	12 3/4	19 3/4	20 3/8	22	8 9/16	26 5/16 26 9/16	17 3/16	13 1/8	1 1/2	7 3/8	9 1/4	13	8 3/8	8 9/16	3/8						
	213T, 215T	1 3/16-CL-II						29 11/16				19 3/16	15					9 5/8									
	254T, 256T	1 7/16-CL-III						26				17 3/16	15					9 5/8									
	143T, 145T 182T, 184T	1 3/16-CL-I						26				17 3/16	15					9 5/8									
18 1/4	213T, 215T	1 7/16-CL-II	19 1/4	15 7/8	12 7/8	18 1/4	13 7/8	22	23 3/8	22	9 1/4	27 1/4 30 3/8	17 3/16	14 9/16	1 1/2	8 1/8	10	13	9 1/2	8 9/16	5/8						
	254T, 256T	1 11/16-CL-III						34 1/16				22 3/16	15					9 5/8									
	143T, 145T 182T, 184T	1 7/16-CL-I						29 5/8 29 7/8				19 3/16	15 3/4					2		9		10 9/16	15	10 3/8	9 5/8	1/2	
	213T, 215T	1 11/16-CL-II						31				19 3/16	15 3/4					2		9		10 9/16	15	10 3/8	9 5/8	1/2	
20	254T, 256T	1 15/16-CL-III	21 1/4	17 1/4	14	20	15	23 3/4	25 3/8	22	9 7/8	34 11/16 30 9/16	22 3/16	15 3/4	2	9	10 9/16	17	10 3/8	9 5/8	1/2						
	143T, 145T 182T, 184T	1 7/16-CL-I						30 13/16				19 3/16	17 5/8					2		9 15/16		11 1/2	15	11 7/8	9 5/8	1/2	
	213T, 215T	1 11/16-CL-II						31 15/16				19 3/16	17 5/8					2		9 15/16		11 1/2	15	11 7/8	9 5/8	1/2	
	254T, 256T	1 15/16-CL-III						35 5/8 39 1/8				22 3/16 25 11/16	12 1/2					17		10 5/8 11 13/16							
22 1/4	182T, 184T 213T	1 7/16-CL-I	23 5/8	19 1/8	15 1/2	22 1/8	16 1/2	26 3/4	27 3/8	22	10 13/16	30 9/16 30 13/16	19 3/16	17 5/8	2	9 15/16	11 1/2	15	11 7/8	9 5/8	1/2						
	213T	1 11/16-CL-II						31 15/16				19 3/16	17 5/8					2		9 15/16		11 1/2	15	11 7/8	9 5/8	1/2	
	254T, 256T	1 15/16-CL-III						35 5/8 39 1/8				22 3/16 25 11/16	12 1/2					17		10 5/8 11 13/16							
	182T, 184T 213T	1 7/16-CL-I						34 11/16				19 3/16	15 3/4					2		9		10 9/16	15	10 3/8	9 5/8	1/2	
24 1/2	213T	1 11/16-CL-II	26	21 1/8	17	24 3/8	18	29	29 7/8	26	11 11/16	35 13/16 36 1/2	22 3/16	19 3/8	2	10 13/16	13 3/8	17	13	10 5/8	15/16						
	254T, 256T	2 3/16-CL-III						39 1/8				25 11/16	20 1/2					11 13/16									
	182T, 184T 213T	1 11/16-CL-I						40 1/4 41 1/4				25 11/16	21 1/4					2		11 3/4		14 5/16	20 1/2	14 1/2	11 13/16	3/4	
	254T, 256T	1 15/16-CL-II						41 1/4 41 15/16				25 11/16	23 1/4					2 1/2		13		15 5/16	20 1/2	16	11 13/16	1/8	
27	284T, 286T	2 3/16-CL-III	28 5/8	23 1/8	18 3/4	26 3/4	20 1/8	32	33 3/8	26	12 5/8	40 15/16 41 13/16	28 3/16	21 1/4	2	11 3/4	14 5/16	23	14 1/8	3/4							
	324T	2 7/16-CL-III						44 3/4 40 1/8				28 3/16	23 1/4					2 1/2			13	15 5/16	23	14 1/8			
	182T, 184T 213T, 215T	1 15/16-CL-I						41 1/4 41 15/16				25 11/16	23 1/4					2 1/2			13	15 5/16	20 1/2	16	11 13/16	1/8	
	254T, 256T	2 3/16-CL-II						42 13/16				28 3/16	23 1/4					2 1/2			13	15 5/16	20 1/2	16	11 13/16	1/8	
30	324T, 326T	2 7/16-CL-III	32 3/4	25 5/8	20 3/4	29 3/4	23 1/8	35	36 3/8	29	13 5/8	45 3/4 44 7/8	28 3/16	23 1/4	2 1/2	13	15 5/16	23	14 1/8	1/8							
	182T, 184T 213T, 215T	1 15/16-CL-I						44 7/8 45 9/16				28 3/16	23 1/4					2 1/2			13	15 5/16	23	14 1/8			
	254T, 256T	2 3/16-CL-II						46 7/16 46 7/8				28 3/16	23 1/4					2 1/2			13	15 5/16	23	14 1/8			
	284T, 286T	2 3/16-CL-II						48 1/4 48 1/4				28 3/16	23 1/4					2 1/2			13	15 5/16	23	14 1/8			
33	364T	2 7/16-CL-III	36	28 1/8	22 3/4	32 5/8	25 1/8	38	39 3/8	33	14 3/4	44 7/8 45 9/16	28 3/16	25 1/2	2 1/2	14 1/8	16 7/16	23	17 1/2	14 1/8	1/8						
	213T, 215T	1 15/16-CL-I						46 7/16 46 7/8				28 3/16	23 1/4					2 1/2		13		15 5/16	23	14 1/8			
	254T, 256T	2 3/16-CL-II						48 1/4 48 1/4				28 3/16	23 1/4					2 1/2		13		15 5/16	23	14 1/8			
	284T, 286T	2 3/16-CL-II						48 1/4 48 1/4				28 3/16	23 1/4					2 1/2		13		15 5/16	23	14 1/8			
36 1/2	364T	2 7/16-CL-III	39 3/4	31 1/8	25 1/8	36	27 5/8	41 1/2	42 7/8	36	16 1/8	48 15/16 49 13/16	30 3/16	28 1/4	2 1/2	15 7/16	17 7/8	25	19 1/4	15 1/4	1/8						
	213T, 215T	1 15/16-CL-I						50 1/4 51 1/4				30 3/16	28 1/4					2 1/2		15 7/16		17 7/8	25	19 1/4	15 1/4	1/8	
	254T, 256T	2 3/16-CL-II						51 1/4 51 1/4				30 3/16	28 1/4					2 1/2		15 7/16		17 7/8	25	19 1/4	15 1/4	1/8	
	284T, 286T	2 3/16-CL-II						51 1/4 51 1/4				30 3/16	28 1/4					2 1/2		15 7/16		17 7/8	25	19 1/4	15 1/4	1/8	
40 1/4	364T	2 7/16-CL-III	42 1/16	34 1/4	27 5/8	39 5/8	30 7/16	45 1/2	46 7/8	40	18	51 1/4 51 1/4	34 3/16	32	2 1/2	17 3/8	19 11/16	29	21 1/4	20 1/4	1 5/8						
	213T, 215T	1 15/16-CL-I						52 1/4 52 1/4				34 3/16	32					2 1/2		17 3/8		19 11/16	29	21 1/4	20 1/4	1 5/8	
	254T, 256T	2 3/16-CL-II						53 1/4 53 1/4				34 3/16	32					2 1/2		17 3/8		19 11/16	29	21 1/4	20 1/4	1 5/8	
	284T, 286T	2 3/16-CL-II						53 1/4 53 1/4				34 3/16	32					2 1/2		17 3/8		19 11/16	29	21 1/4	20 1/4	1 5/8	
44 1/2	364T	2 7/16-CL-III	46 5/8	37 13/16	30 1/2	43 3/4	32 7/8	50	51 3/8	40	19 5/8	57 1/8 57 1/8	34 3/16	35 1/4	2 1/2	19	21 3/16	29	23 1/2	20 1/4	1 11/16						
	213T, 215T	1 15/16-CL-I						57 1/8 57 1/8				34 3/16	35 1/4					2 1/2		19		21 3/16	29	23 1/2	20 1/4	1 11/16	
	254T, 256T	2 3/16-CL-II						57 1/8 57 1/8				34 3/16	35 1/4					2 1/2		19		21 3/16	29	23 1/2	20 1/4	1 11/16	
	284T, 286T	2 3/16-CL-II						57 1/8 57 1/8				34 3/16	35 1/4					2 1/2		19		21 3/16	29	23 1/2	20 1/4	1 11/16	
SPECIAL FEATURES																						CUSTOMER					
A=FLANGED OUTLET B=FLANGED INLET C=INLET VOLUME CONTROL D=OUTLET DAMPER E=CLEANOUT DOOR 1. QUICK CLAMP 2. BOLTED 3. PLUG F=SHAFT COOLER G=HOUSING DRAIN H=INLET SCREEN J=SHAFT SEAL																						P.O.#					
K=SPLIT HOUSING L=BELT GUARD M=SHAFT AND BEARING GUARD N=UNITARY BASE P=INLET COLLAR Q=EXTENDED GREASE LEADS R=SPARK RESISTANT CONSTRUCTION, TYPE 'C' S=SPECIAL FINISH-SEE NOTES																						JOB NAME					
LOCATION																						DWG. NO.					
TITLE: UNIFOIL FAN-DESIGN 8000 GENERAL ASSEMBLY - TH - SIZES 12 1/4 - 44 1/2																						SCALE: NOT SHOWN					
CD-8000-TH																											

ARRANGEMENT 9



SIDE ELEVATION

FRONT ELEVATION

FOUNDATON PLAN

FAN SIZE	MOTOR FRAME	SHAFT AT BEARINGS	A	B	C	D	E	F	G	H	J	K	M	N	P	Q	R	S	U	T	W				
12 1/4	143T, 145T 182T	1 3/16-CL-I	13 1/8	10 7/8	8 7/8	12 1/2	10 1/8	15 1/2	16 1/8	19	6 15/16	24 11/16	17 3/16	9 7/8	1 1/2	5 3/4	7 5/8	13	6 1/4	8 9/16	1/4				
	184T	1 3/16-CL-II						24 15/16				5 3/4				7 5/8						15	7 1/4	9 5/8	
	213T, 215T	1 7/16-CL-III						28 1/16				19 3/16				5 3/4						7 5/8	15	7 1/4	9 5/8
	143T, 145T 182T	1 3/16-CL-I						25 1/8				10 3/4				1 1/2						6 3/16	8 1/16	13	6 7/8
184T	1 3/16-CL-II	25 3/8	6 3/16	8 1/16	15	7 1/4	9 5/8																		
213T	1 7/16-CL-III	28 1/2	19 3/16	6 13/16	8 11/16	13	7 5/8	8 9/16																	
13 1/2	143T, 145T 182T	1 3/16-CL-I	14 3/8	11 7/8	9 5/8	13 3/4	11 5/8	16 3/4	17 3/8	19	7 3/8	25 3/8	12	1 1/2	6 3/16	8 1/16	13	6 7/8	8 9/16	3/8					
	184T	1 3/16-CL-II						25 1/8				6 3/16			8 1/16	15	7 1/4	9 5/8							
	213T	1 7/16-CL-III						28 1/2				19 3/16			6 13/16	8 11/16	15	7 5/8	9 5/8						
	143T, 145T 182T	1 3/16-CL-I						25 3/4				6 13/16			8 11/16	13	7 5/8	8 9/16							
15	184T 213T	1 3/16-CL-II	16	13 1/8	10 5/8	15 1/8	11 3/4	18 1/4	18 7/8	19	8	26	12	1 1/2	6 13/16	8 11/16	13	7 5/8	8 9/16	3/8					
	215T	1 7/16-CL-III						29 1/8				19 3/16			6 13/16	8 11/16	15	7 5/8	9 5/8						
	143T, 145T 182T	1 3/16-CL-I						19 3/4				19			26 5/16	17 3/16	7 3/8	9 1/4	13		8 3/8	8 9/16			
	184T 213T	1 3/16-CL-II						19 3/4				20 3/8			22 9/16	19 3/16	7 3/8	9 1/4	15		8 3/8	9 5/8			
16 1/2	254T, 256T	1 7/16-CL-III	17 5/8	14 3/8	11 5/8	16 5/8	12 3/4	19 3/4	20 3/8	22	8 9/16	33 3/8	13 1/8	1 1/2	7 3/8	10 1/4	17	8 3/8	10 5/8	3/8					
	143T, 145T 182T, 184T	1 3/16-CL-I						29 1/4				19 3/16			7 3/8	9 1/4	15	8 3/8	9 5/8						
	213T, 215T	1 7/16-CL-II						33 3/8				22 9/16			7 3/8	10 1/4	17	8 3/8	10 5/8						
	254T, 256T	1 7/16-CL-III						33 3/8				22 9/16			7 3/8	10 1/4	17	8 3/8	10 5/8						
18 1/4	143T, 145T 182T, 184T	1 3/16-CL-I	19 1/4	15 7/8	12 7/8	18 1/4	13 7/8	22	23 3/8	22	9 1/4	29 3/4	14 9/16	1 1/2	8 1/8	10	15	9 1/2	9 5/8	5/8					
	213T, 215T	1 7/16-CL-II						30 1/8				8 1/8			11	17	9 1/2	10 5/8							
	254T, 256T	1 11/16-CL-III						34 1/16				22 3/16			8 1/8	11	17	9 1/2	10 5/8						
	143T, 145T 182T, 184T	1 7/16-CL-I						32 5/8				22 3/16			8 1/8	11	17	9 1/2	10 5/8						
20	213T, 215T	1 11/16-CL-II	21 1/4	17 1/4	14	20	15	23 3/4	25 3/8	26	9 7/8	34	22 3/16	15 3/4	2	9	11 9/16	17	10 3/8	10 5/8	1/2				
	254T, 256T	1 15/16-CL-III						34 1/16				22 3/16				9	11 9/16	17	10 3/8	10 5/8					
	143T, 145T 182T, 184T	1 7/16-CL-I						33 9/16				22 3/16				9 15/16	12 1/2	17	11 7/8	10 5/8					
	213T	1 7/16-CL-II						33 13/16				22 3/16				9 15/16	12 1/2	17	11 7/8	10 5/8					
22 1/4	215T, 254T	1 11/16-CL-II	23 5/8	19 1/8	15 1/2	22 1/8	16 1/2	26 3/4	27 3/8	26	10 13/16	34 15/16	17 5/8	2	9 15/16	12 1/2	20 1/2	12 3/8	11 13/16	1/2					
	256T	1 15/16-CL-III						35 5/8				9 15/16			12 1/2	20 1/2	12 3/8	11 13/16							
	182T, 184T 213T	1 7/16-CL-I						38 3/16				25 11/16			10 13/16	13 3/8	20 1/2	13	11 13/16		15/16				
	215T	1 11/16-CL-II						39 5/16				25 11/16			10 13/16	13 3/8	20 1/2	13	11 13/16		15/16				
24 1/2	254T	1 11/16-CL-II	26	21 1/8	17	24 3/8	18	29	29 7/8	29	11 11/16	39 5/16	25 11/16	19 3/8	2	10 13/16	13 3/8	20 1/2	13	11 13/16	15/16				
	256T, 284T	2 3/16-CL-III										40				10 13/16	13 3/8	20 1/2	13	11 13/16		15/16			
	182T, 184T 213T	1 7/16-CL-I										40 7/8				25 11/16	10 13/16	13 3/8	20 1/2	13		11 13/16	15/16		
	215T	1 11/16-CL-II										40 7/8				25 11/16	10 13/16	13 3/8	20 1/2	13		11 13/16	15/16		
27	254T, 256T	1 15/16-CL-II	28 5/8	23 1/8	18 3/4	26 3/4	20 1/8	32	33 3/8	29	12 5/8	40 1/2	25 11/16	21 1/4	2	11 3/4	14 5/16	20 1/2	14 1/2	11 13/16	3/4				
	284T, 286T	2 3/16-CL-III						40 15/16				11 3/4				14 5/16	23	14 1/2	14 1/8						
	324T	2 3/16-CL-III						41 13/16				11 3/4				14 5/16	23	14 1/2	14 1/8						
	182T, 184T 213T, 215T	1 7/16-CL-I						44 3/4				28 3/16				23 1/4	2 1/2	13	15 5/16	23		16	14 1/8	1/8	
30	254T, 256T	1 15/16-CL-II	32 3/4	25 5/8	20 3/4	29 3/4	23 1/8	35	36 3/8	33	13 5/8	44 7/16	28 3/16	23 1/4	2 1/2	13	15 5/16	23	16	14 1/8	1/8				
	284T	2 3/16-CL-II						45 5/16				28 3/16				23 1/4	2 1/2	13	15 5/16	23		16	14 1/8	1/8	
	324T	2 7/16-CL-III						45 5/16				28 3/16				23 1/4	2 1/2	13	15 5/16	23		16	14 1/8	1/8	
	182T, 184T 213T, 215T	1 7/16-CL-I						48 7/8				30 3/16				25 1/2	2 1/2	14 1/8	16 7/16	25		17 1/2	15 1/4	1/8	
33	254T, 256T	2 3/16-CL-II	36	28 1/8	22 3/4	32 5/8	25 1/8	38	39 3/8	36	14 3/4	46 7/8	30 3/16	25 1/2	2 1/2	14 1/8	16 7/16	25	17 1/2	15 1/4	1/8				
	284T, 286T	2 7/16-CL-III						47 9/16				14 1/8				16 7/16	25	17 1/2	15 1/4	1/8					
	324T, 326T	2 7/16-CL-III						48 7/8				14 1/8				16 7/16	25	17 1/2	15 1/4	1/8					
	364T	2 7/16-CL-III						48 7/8				14 1/8				16 7/16	25	17 1/2	15 1/4	1/8					
36 1/2	213T, 215T	1 15/16-CL-I	39 3/4	31 1/8	25 1/8	36	27 5/8	41 1/2	42 7/8	40	16 1/8	52 1/4	34 3/16	28 1/4	2 1/2	15 7/16	17 7/8	29	19 1/4	20 1/4	1/8				
	254T, 256T	2 3/16-CL-II										52 15/16				15 7/16	17 7/8	29	19 1/4	20 1/4		1/8			
	324T, 326T	2 3/16-CL-II										53 13/16				15 7/16	17 7/8	29	19 1/4	20 1/4		1/8			
	364T, 365T	2 7/16-CL-III										54 1/4				15 7/16	17 7/8	29	19 1/4	20 1/4		1/8			
40 1/4	213T, 215T	1 15/16-CL-I	42 1/16	34 1/4	27 5/8	39 5/8	30 7/16	45 1/2	46 7/8	44	18	54 1/4	34 3/16	32	2 1/2	17 3/8	19 11/16	29	21 1/4	21 3/4	1 5/8				
	254T, 256T	2 3/16-CL-II										55 1/8				17 3/8	19 11/16	29	21 1/4	21 3/4		1 5/8			
	324T	2 3/16-CL-II										55 1/8				17 3/8	19 11/16	29	21 1/4	21 3/4		1 5/8			
	364T, 365T	2 7/16-CL-III										56 1/8				17 3/8	19 11/16	29	21 1/4	21 3/4		1 5/8			
44 1/2	213T, 215T	2 3/16-CL-I	46 5/8	37 13/16	30 1/2	43 3/4	32 7/8	50	51 3/8	48	19 5/8	57 5/16	34 3/16	35 1/4	2 1/2	19	21 5/16	29	23 1/2	23 7/8	1 11/16				
	254T, 256T	2 7/16-CL-II										57 5/16				19	21 5/16	29	23 1/2	23 7/8		1 11/16			
	324T, 326T	2 7/16-CL-II										57 5/16				19	21 5/16	29	23 1/2	23 7/8		1 11/16			
	364T, 365T	2 15/16-CL-III										58 3/4				19	21 5/16	29	23 1/2	23 7/8		1 11/16			

[illegible]

SPECIAL FEATURES

A=FLANGED OUTLET
B=FLANGED INLET
C=INLET VOLUME CONTROL
D=OUTLET DAMPER
E=CLEANOUT DOOR
1 QUICK CLAMP
2 BOWDED

F=SHAFT COOLER
G=HOUSING DRAIN
H=INLET SCREEN

J=SHAFT SEAL
K=SPLIT HOUSING
L=BELT GUARD
M=SHAFT AND BEARING GUARD
N=UNITARY BASE
P=INLET COLLAR
Q=EXTENDED GREASE LEADS
R=SPARK RESISTANT
CONSTRUCTION, TYPE 'C'
S=SPECIAL FINISH-SEE NOTES

CUSTOMER

- P.O.#

JOB NAME

LOCATION



SHELDONS ENGINEERING

www.sheldonsengineering.com
sales@sheldonsengineering.com

TITLE:

UNIFOIL FAN-DESIGN 8000

GENERAL ASSEMBLY - UB - SIZES 12 1/4 - 44 1/2

DRW : c p

DATE: ____/____/____

DATE: _____

CLICK: _____

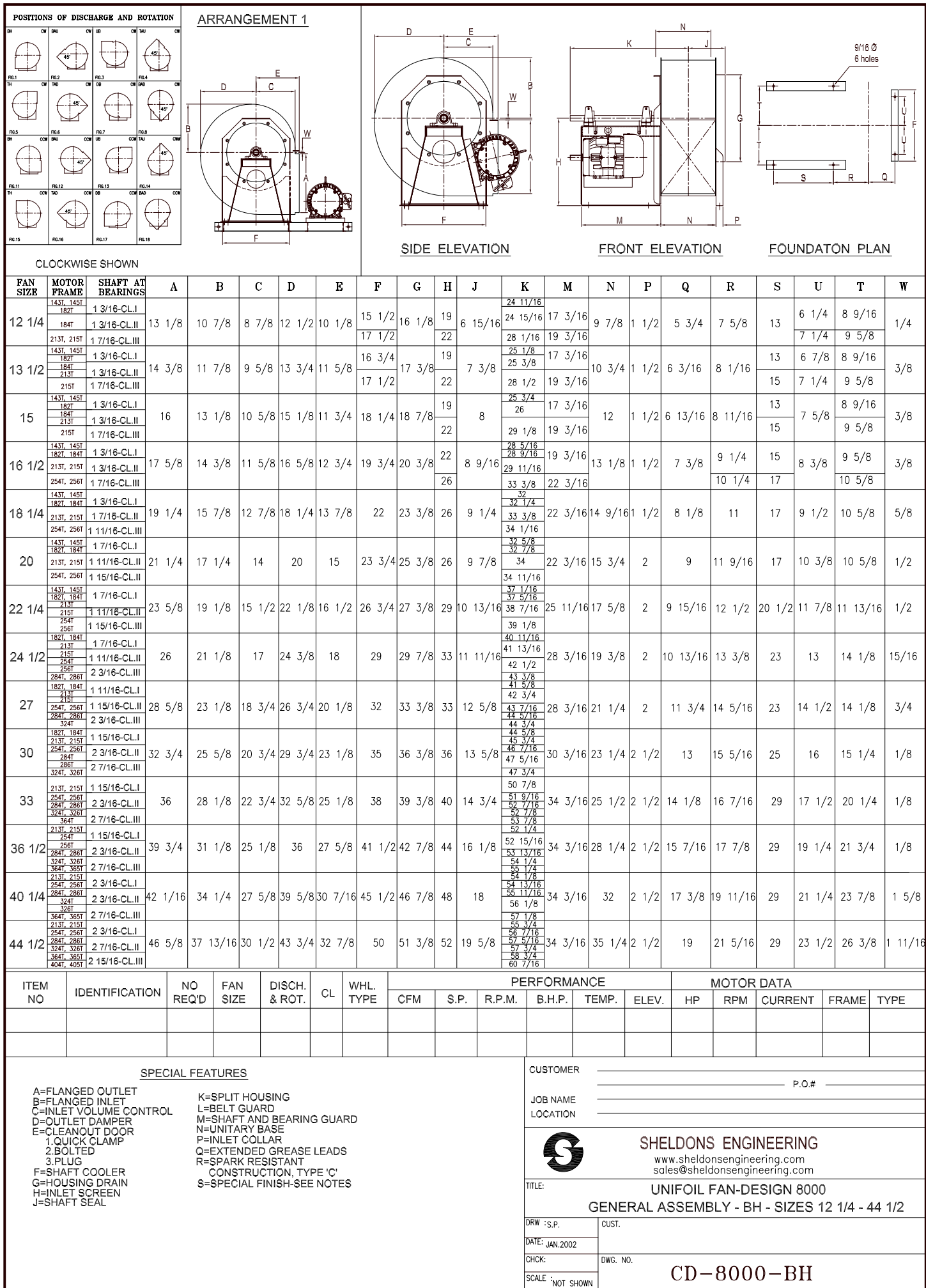
SCALE : NOT SHOWN

	CUST.
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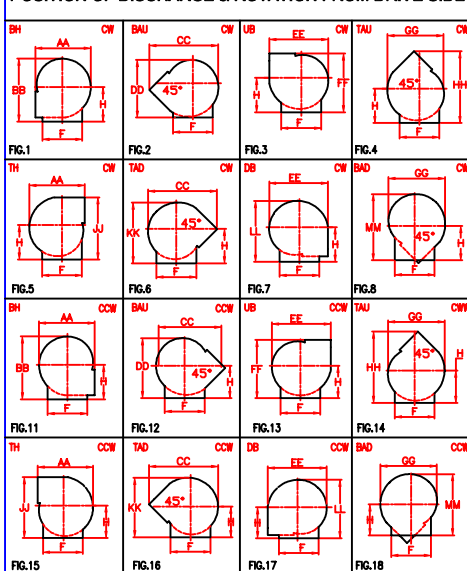
DWG. NO.

CD-8000-UB

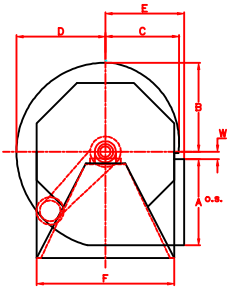
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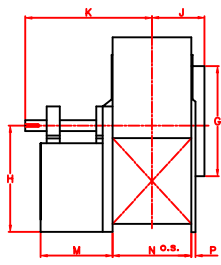
POSITION OF DISCHARGE & ROTATION FROM DRIVE SIDE



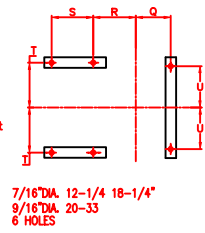
MOTOR POSITION "L" SHOWN
"R" OPPOSITE HAND



SIDE ELEVATION(drive side)



FRONT ELEVATION



7/16" DIA. 12-1/4 18-1/4"
9/16" DIA. 20-33
6 HOLES

FLANGED INLET

FLANGED OUTLET

ADJUSTABLE HOUSING ARRANGEMENT NO 1 & 9
SISW CLASS I & II ADJUSTABLE HOUSING

FAN SIZE	WHEEL DIA. A&B	SHAFT AT BEARINGS		KEYWAY		A	B	C	D	E	E' (FIG.NO.)			F	G	H	J	J'	K		L	
		CL.I	CL.II	CL.I	CL.II						I-5	6 & 7	8						CL.I	CL.II	CL.I	CL.II
18 1/4	18 1/4	1 3/16		1/4x1/8	18 23/32	14	11 5/8	16 11/16	13 9/32	13 25/32	21 9/32	23 21/32	22 3/4	18 5/8	19 1/2	9 15/16	11 7/16		24 1/2		4	
20	20	1 7/16		3/8x3/16	20 23/32	15 11/16	13 1/16	18 11/16	14 23/32	15 7/32	23 15/32	26 3/32	25 1/8	20 1/4	21 1/2	11 3/16	13 3/16		27		4 1/2	
22 1/4	22 1/4	1 7/16		3/8x3/16	23 1/32	17 1/8	14 1/4	20 7/16	15 29/32	16 13/32	25 5/32	28 5/32	27 1/2	22 1/16	23 1/4	11 15/16	13 15/16		29		4 1/2	
24 1/2	24 1/2	1 7/16		3/8x3/16	25 3/8	19	15 13/16	22 11/16	17 7/16	17 15/16	27 9/16	30 13/16	30 1/2	24 1/2	25 5/8	12 15/16	14 15/16		32		4 1/2	
27	27	1 11/16		3/8x3/16	28 1/32	20 7/8	17 3/8	24 7/8	19 1/2	29 7/8	33 5/8	33 5/8	27	28	13 29/32	14 29/32			35		4 1/2	
30	30	1 11/16		3/8x3/16	31 1/8	22 15/16	19 1/16	27 3/8	20 11/16	21 3/16	32 9/16	36 11/16	37 1/8	29 11/16	30 5/8	15	17 1/2		38 1/2		5 1/4	
33	33	1 15/16		1/2x1/4	34 3/16	25 7/16	21 1/8	30 5/16	22 3/4	23 1/4	35 3/4	40 3/8	41 1/8	32 7/8	33 7/8	16 5/16	18 13/16		42		5 1/4	

FAN SIZE	WHEEL DIA. A&B	M	N	P	Q	R	S	T	U	W	AA	BB	CC	DD	EE	FF	GG	HH	JJ	KK	LL	MM
18 1/4	18 1/4	12 3/16	14 5/8	1 1/2	8 3/16	10 3/8	7 3/4	10 5/8	8 7/8	21/32	29 15/16	34	36 13/16	32 11/16	31 3/4	33 5/16	30 1/2	41 9/16	34 7/8	37 13/16	36 11/16	41 7/8
20	20	12 15/16	16 1/8	1 1/2	8 15/16	11 1/4	8 1/4	11 13/16	10 1/16	1/2	33 3/8	36 9/16	41 1/16	35 00	35 1/2	35 5/8	34	45	38 5/8	40 3/4	39 9/16	46 1/16
22 1/4	22 1/4	14 7/16	17 5/8	2	9 15/16	12	9 3/4	12 3/4	11 1/4	9/16	36 5/16	40 5/16	44 7/8	38 3/4	38 13/16	39 1/16	37 3/8	49 1/2	42	45	43 5/8	50 1/2
24 1/2	24 1/2	16 7/16	19 5/8	2	10 15/16	13	11 3/4	14 1/4	12 3/4	9/16	40 1/16	44 1/2	49 1/2	42 3/4	43	43	41 1/4	54 1/2	46 3/8	49 5/8	48 3/16	56 1/4
27	27	18 5/16	21 9/16	2	11 29/32	14 11/32	12 7/8	15 13/16	14 5/16	19/32	43 7/8	48 13/16	54 3/8	46 7/8	47 1/4	46 13/16	45 7/16	59 11/16	50 7/8	54 7/16	52 13/16	62 1/16
30	30	19 15/16	23 3/4	2 1/2	13 1/4	15 7/16	14 1/2	17 5/16	16 1/16	19/32	48	56 1/2	59 5/8	51 3/8	52	51 5/16	49 7/8	65 1/2	55 3/4	59 3/4	57 15/16	68 7/16
33	33	22 1/2	26 3/8	2 1/2	14 9/16	17	16 13/16	19 5/16	18 1/16	3/4	53 1/16	59 5/8	66 1/8	57 5/16	57 5/8	57	55 3/8	72 7/8	61 3/4	66 9/16	64 9/16	76

ITEM NO	IDENTIFICATION	REQ'D NO.	FAN SIZE	FIG. NO.	WHEEL TYPE	CL.	PERFORMANCE					MOTOR DATA				
							CFM	O.V.	SP	R.P.M.	TEMP.	BHP	ELEV.	H.P.	R.P.M.	CURRENT

ITEM NO	MOTOR BASE	DRIVE DATA				MOTOR POS.	VIBRATION BASE TYPE	PADS TYPE	SPECIAL FEATURES
		MOTOR PULLEY	FAN PULLEY	BELTS	CENTER				

NOTE:
DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE

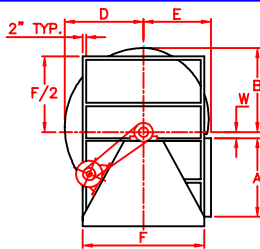
SPECIAL FEATURES
A=FLANGED OUTLET
1. UNPUNCHED ☐ 2. PUNCHED ☐
B=FLANGED INLET
C=INLET VOLUME CONTROL DWG.
D=OUTLET DAMPER
E=CLEANOUT DOOR TYPE
1-QUICK CLAMP 2-BOLTED
3-PLUG
F=DRAIN OPENING
G=INLET SCREEN
H=SPECIAL FINISH, SEE NOTES
WHEEL TYPES: A= AIRFOIL BLADE
B=BACKWARDLY INCLINED BLADE

CUSTOMER _____ P.O.# _____
JOB NAME _____
LOCATION _____



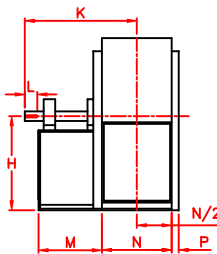
SERIES 8000 SIZES 18-1/4" TO 33"
ADJUSTABLE HOUSING ARRANGEMENT NO 1 & 9
SISW CLASS I & II
SHELDONS ENGINEERING
www.sheldonsengineering.com
sales@sheldonsengineering.com

FURNISHED FOR SALES PURPOSES - DIMENSIONS NOT CERTIFIED BY S.E.	DATE	SUBMITTED BY	SALES OFFICE
DRAWING CERTIFIED BY S.E. FURNISHED FOR APPROVAL - NOT RELEASED FOR PRODUCTION	DATE	ENGINEER	SO#
DRAWING CERTIFIED BY S.E. APPROVAL - NOT REQUIRED-RELEASED FOR PRODUCTION	DATE	ENGINEER	DWG#

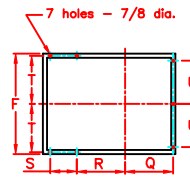


SIDE ELEVATION (drive side)
BOTTOM HORIZNATAL COUNTER CLOCKWISE

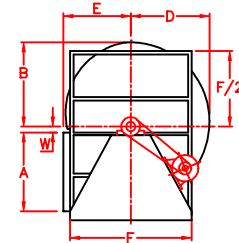
ARRANGEMENT 9 ILLUSTRATED
ARRANGEMENT 1 SAME AS ILLUSTRATE
BUT WITHOUT MOTOR



FRONT ELEVATION



FOUNDATION (plan)



SIDE ELEVATION (drive side)
BOTTOM HORIZONTAL CLOCKWISE

DIMENSIONS - INCHES

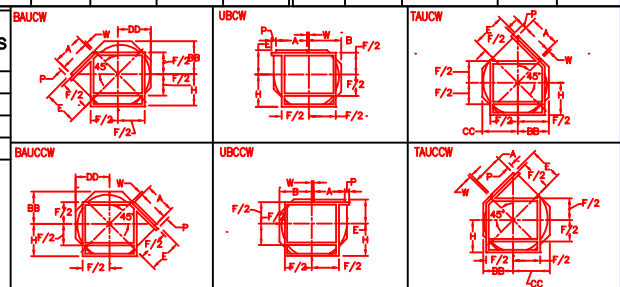
FAN SIZE	WHEEL DIA.	SHAFT AT BEARINGS		KEYWAY		A	B	D	E		F	H						K
		CL.I	CL.II	CL.I	CL.II				BH,BAU,UB,TAU & TH	TAD ONLY		BH	BAU	UB	TAU	TH	TAD	
36 1/2	36 1/2	1 11/16	1 15/16	3/8x3/16	1/2x1/4	37 7/8	29 7/32	34 3/8	25	33 1/4	46	38	37 1/2	35 1/8	32 1/16	29 3/4	27 1/8	43 1/4
40 1/4	40 1/4	1 15/16	2 3/16	1/2x1/4	1/2x1/4	42 1/16	30 1/4	36 1/4	27 1/2	35	50 1/4	41 5/8	40	37 15/16	34 1/2	31 9/16	29	46
44 1/2	44 1/2	2 3/16	2 7/16	1/2x1/4	5/8x5/16	46 5/8	33 3/8	40	30 1/4	38 1/2	55 1/4	45 9/16	44	41 15/16	37 1/2	35	31 1/2	52
49	49	2 3/16	2 11/16	1/2x1/4	5/8x5/16	51 13/32	36 7/8	44 3/16	33	42	61	50 1/16	48 1/2	45 15/16	41 1/2	38 7/16	35	55 1/2
54 1/4	54 1/4	2 7/16	2 15/16	5/8x5/16	3/4x3/8	57 1/32	40 5/8	49 1/16	36 1/4	46 1/2	67 1/4	54 7/8	53 1/2	50 3/4	45 1/2	42 5/8	38	60
FAN SIZE	K	L		M	N	P	Q	R	S	T	U	W	BB	CC	DD	FF	MIN.FAN SHAVE DIA.	
		CL.II	CL.I														CL.I	CL.II
36 1/2		4	5	25	29 1/8	3	16 5/16	19 5/16	19 5/16	21 3/4	18	3/4	24 27/32	35	29 3/4	31 1/4	8.4	
40 1/4	47 1/2	4	5	25 3/4	32	3	17 3/4	22	15 3/16	23 7/8	21 5/8	3/8	27 7/16	38 5/8	32 13/16	32 1/2	10	12
44 1/2	54	5	7	29 3/16	35 1/4	3	19 3/8	23 5/8	18 5/8	26 3/8	24 3/16	7/16	30 1/4	42 5/8	36 3/16	35 3/4	12	13
49	57 1/2	5	8	30 3/4	38 15/16	3	21 1/4	25 1/2	20 3/16	29 1/4	26 5/8	15/32	33 1/2	47 1/8	40	39 7/16	13.6	13.5
54 1/4	63	5	8	32 3/4	42 7/8	3	23 3/16	27 7/16	22 3/16	32 3/8	30 1/8	11/32	36 7/8	51 15/16	44 1/8	43 9/16	16	15

ITEM NO	IDENTIFICATION	NO REQ'D	FAN SIZE	DISCH. & ROT.	WHL. TYPE	CL.	PERFORMANCE						MOTOR DATA			
							C.F.M.	O.V.	S.P.	R.P.M.	B.H.P.	TEMP.	ELEV.	H.P.	R.P.M.	CURRENT

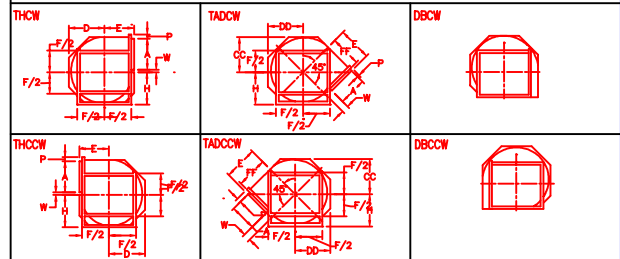
ITEM NO	MOTOR SLIDE BASE PART #7-2-94	DRIVE DATA			BY S.E. BY CUST.	MOTOR	VIBR. BASE TYPE	SPECIAL FEATURES	BAUCW	UBCW	TAUCW
		MTR.SHEAVE	FAN SHEAVE	BELTS							

NOTES

- MOTOR AND DRIVE SUPPLIED AND MOUNTED BY S.E.
- DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE



POSITIONS OF DISCHARGE AND ROTATION AS VIEW FROM DRIVE SIDE



SPECIAL FEATURES

- A=FLANGED OUTLET
B=FLANGED INLET
C=INLET VOLUME CONTROL
D=OUTLET DAMPER
E=CLEANOUT DOOR TYPE:
1.QUICK CLAMP 2.BOLTED 3.PLUG
F=SHAFT COOLER AND GUARD
G=DRAIN OPENING
H=INLET SCREEN TYPE:
1.ROUND IN CONE
2.SQUARE BASKET
J=SHAFT SEAL
- K=HORIZONTAL SPLIT HOUSING
L=SPECIAL FINISH-SEE NOTES
M=SPARK RESISTANT CONSTRUCTION, TYPE 'C'
N=SPLIT TYPE ROLLER BEARINGS;
1.GREASE LUBRICATED (STD.)
2.OIL LUBRICATED
P=MOTOR SLIDE BASE-A/1 ONLY
Q=VIBRATION BASE
R=INLET COLLAR
S=BELT GUARD

CUSTOMER _____ P.O.# _____

JOB NAME _____

LOCATION _____



SERIES 8000 SIZES 36-1/2" TO 54-1/4"
ADJUSTABLE HOUSING ARRANGEMENT NO 1 & 9
SISW CLASS I & II

SHELDONS ENGINEERING

www.sheldonsengineering.com
sales@sheldonsengineering.com

FURNISHED FOR SALES PURPOSES - DIMENSIONS NOT CERTIFIED BY S.E.	DATE	SUBMITTED BY	SALES OFFICE
DRAWING CERTIFIED BY S.E. APPROVAL - NOT RELEASED FOR PRODUCTION	DATE	ENGINEER	SO#
DRAWING CERTIFIED BY S.E. APPROVAL - NOT REQUIRED-RELEASED FOR PRODUCTION	DATE	ENGINEER	DWG#

SIDE ELEVATION (drive side)
BOTTOM HORIZONTAL COUNTER CLOCKWISE

FRONT ELEVATION

FOUNDATION (plan)

SIDE ELEVATION (drive side)
BOTTOM HORIZONTAL COUNTER CLOCKWISE

DIMENSIONS - INCHES																		
FAN SIZE	WHEEL DIA.	SHAFT AT BEARINGS		KEYWAY		A	B	D	E		F	H						K
		CL.I	CL.II	CL.I	CL.II				BH,BAU, UB,TAU, & TH	TAD ONLY		BH	BAU	UB	TAU	TH	TAD	
54 1/4	54 1/4	2 7/16	3 15/16	5/8x5/16	3/4x3/8	57 1/32	40 5/8	49 1/16	36 1/4	46 1/2	67 1/4	54 7/8	53 1/2	50 3/4	45 1/2	42 5/8	38	60
60	60	2 11/16	3 7/16	5/8x5/16	7/8x7/16	62 7/8	46 9/16	55 1/2	40	51 3/8	74 1/4	60 3/8	59 13/16	56 7/8	50 13/16	46 1/16	42 3/4	64
66	66	2 15/16	3 7/16	3/4x3/8	7/8x7/16	69 5/16	51 5/16	61 1/8	44 1/4	56 7/8	82	66 7/16	65 15/16	61 5/8	56	51 13/16	47 1/16	70 1/2
73	73	2 15/16	3 15/16	3/4x3/8	1x1/2	76 27/32	56 5/16	67 1/16	48 1/4	62	90 1/4	72 13/16	72 1/2	67 9/16	61 3/8	56 13/16	51 9/16	76

FAN SIZE	K	L		M	N	P	Q	R	S	T	U	W	BB	CC	DD	FF	MIN.FAN SHEAVE DIA.	
		CL.II	CL.I														CL.I	CL.II
54 1/4	63	5	8	32 3/4	42 7/8	3	23 3/16	27 7/16	22 3/16	32 3/8	30 1/8	11/32	36 7/8	51 15/16	44 1/8	43 9/16	16	15
60	67	5	8	32 15/16	47 7/16	3	25 1/2	29 3/4	23 11/16	35 7/8	33 3/8	9/16	42 1/4	59 9/32	50 5/16	48 1/2	18.4	16
66	74 1/2	5	9	36 7/8	52 9/16	3	28	34 5/16	24 11/16	38 3/4	36 1/2	1/2	46 9/16	65 13/32	55 1/2	53 5/8	18.0	19.3
73	79	7	10	38 3/8	57 3/4	3	30 5/8	36 7/8	26 3/16	43 7/8	40 5/8	11/32	51 1/16	71 25/32	60 7/8	58 7/8	22.0	20.3

BAUCW

UBCW

TAUCW

THCW

TADCW

DBCW

BAUCCW

UBCCW

TAUCCW

THCCW

TADCCW

DBCCW

POSITIONS OF DISCHARGE AND ROTATION AS VIEWED FROM DRIVE SIDE																	
ITEM NO	IDENTIFICATION	NO REQ'D	FAN SIZE	DISCH. & ROT.	WHEEL TYPE	CL.	PERFORMANCE							MOTOR DATA			
							C.F.M.	O.V.	S.P.	R.P.M.	B.H.P.	TEMP.	ELEV.	H.P.	R.P.M.	CURRENT	FRAME

ITEM NO	MOTOR SLIDE BASE PART #7-2-94	DRIVE DATA			BY S.E. BY CUST. CENTER	MOTOR	VIBR. BASE TYPE	SPECIAL FEATURES
		MTR.SHEAVE	FAN SHEAVE	BELTS				

NOTE:
DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE

SPECIAL FEATURES

A=FLANGED OUTLET
B=FLANGED INLET
C=INLET VOLUME CONTROL
1.350 F.MAX. 2.650 F.MAX.
D=OUTLET DAMPER
E=CLEANOUT DOOR; TYPE:
1.QUICK CLAMP 2.BOLTED 3.PLUG
F=SHAFT COOLER AND GUARD
G=DRAIN OPENING
H=INLET SCREEN;TYPE:
1.ROU&ND, IN-CONE
2. SQUARE BASKET
J=SHAFT SEAL

K=HORIZONTAL SPLIT HOUSING
J=SPECIAL FINISH-SEE NOTES
M=SPARK RESISTANT CONSTRUCTION, TYPE 'C'
N=SPLIT TYPE ROLLER BEARINGS;
1.GREASE LUBRICATED (STD.)
2.OIL LUBRICATED
P=MOTOR SLIDE BASE-A/1 ONLY
Q=VIBRATION BASE
R=INLET COLLAR
S=BELT GUARD

CUSTOMER _____

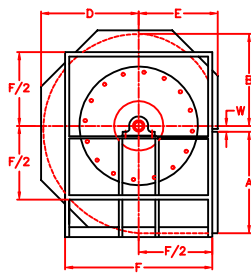
JOB NAME _____

LOCATION _____

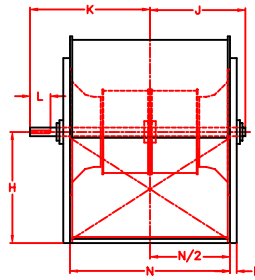
SERIES 8000 SIZES 54 1/4" TO 73"
SISW CLASS I & II ADJUSTABLE HOUSING
ARRANGEMENT NO 1 & 9

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sales@sheldonsengineering.com

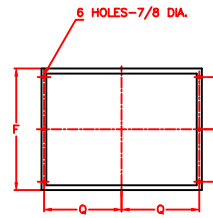
FURNISHED FOR SALES PURPOSES-DIMENSIONS NOT CERTIFIED	DATE	SUBMITTED BY	SALES OFFICE
DRAWING CERTIFIED BY S.E. FURNISHED FOR APPROVAL - NOT RELEASED FOR PRODUCTION	DATE	ENGINEER	SO#
DRAWING CERTIFIED BY S.E. APPROVAL NOT REQUIRED-RELEASED FOR PRODUCTION	DATE	ENGINEER	DWG#



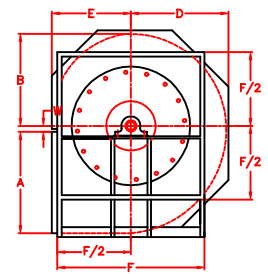
SIDE ELEVATION (drive side)
BOTTOM HORIZONTAL
COUNTER CLOCKWISE



FRONT ELEVATION



FOUNDATION (plan)



SIDE ELEVATION (drive side)
BOTTOM HORIZONTAL
COUNTER CLOCKWISE

DIMENSIONS - INCHES

FAN SIZE	WHEEL DIA.	SHAFT AT BEARINGS	KEYWAY	A	B	D	E		F	H				
							BH,BAU,UB,TAU,TH	TAD ONLY		BH	BAU	UB	TAU	TH
33	33	2 15/16	3/4x3/8	34 5/8	26 13/16	31 11/16	23 1/2	31 3/8	42 5/8	34 13/16	34 5/16	32 3/16	29 3/8	27 5/16
36 1/2	36 1/2	2 15/16	3/4x3/8	38 5/16	29 7/32	34 3/8	25	33 1/4	46	38 1/64	37 1/2	35 1/8	32 1/16	29 3/4
40 1/4	40 1/4	2 15/16	3/4x3/8	42	32 3/32	38	27 1/2	35 1/4	50 1/4	41 21/32	41 3/16	38 1/2	35 1/8	32 5/8
44 1/2	44 1/2	3 7/16	7/8x7/16	46 1/2	35 3/32	41 11/16	75 1/2	38 3/4	55 1/4	45 19/32	45 1/8	42 1/4	38 7/16	35 11/16
49	49	3 7/16	7/8x7/16	51 1/16	38 21/32	45 7/8	84 1/4	42 1/4	61	50 3/32	49 9/16	46 3/8	42 3/16	39 3/16
54 1/4	54 1/4	3 7/16	7/8x7/16	56 13/16	42 13/32	50 3/8	92 7/16	46 1/2	67 1/4	54 29/32	54 3/8	50 7/8	46 1/4	42 15/16
60	60	3 7/16	7/8x7/16	62 13/16	46 9/16	55 1/2	101 1/2	51 3/8	74 1/4	60 3/8	59 13/16	56	50 13/16	47 1/16
66	66	3 7/16	7/8x7/16	68 11/16	51 5/16	61 1/8	111	56 7/8	82	66 1/2	65 15/16	61 5/8	56	51 13/16

FAN SIZE	H	J	K	L	N	P	Q	U	W	BB	CC	DD	FF	MIN. FAN SHEAVE DIA.
	TAD													
33	25 5/16	29 3/8	36 7/8	7	48 1/8	3	25 13/16	16 1/2	2 13/16	24 7/16	33 13/16	28 7/8	29 3/16	8.5
36 1/2	27 1/8	31 7/8	39 1/4	7	53 1/16	3	28 9/32	18	3 19/64	26 5/8	37	31 17/32	31 1/4	7.9
40 1/4	29 11/16	34 5/8	42 5/8	7	58 5/8	3	32 1/16	21 5/8	3 3/8	29 3/16	40 21/31	34 19/32	32 7/8	9.3
44 1/2	32 7/16	38 3/8	45 5/8	7	64 5/8	3	34 1/16	24 3/16	3 29/32	31 15/16	44 19/32	37 15/16	36 1/8	10.3
49	35 5/8	41 5/8	49 3/4	7	71 3/16	3	37 11/32	26 5/8	3 31/32	35 1/8	49 1/16	41 11/16	39 3/4	11.4
54 1/4	39	45 5/16	56 3/8	10	78 9/16	3	41 1/32	29 3/8	4 29/32	38 1/2	53 7/8	45 3/4	43 7/8	12.5
60	42 3/4	49 3/8	61	10	86 11/16	3	45 3/32	32 3/8	5 7/16	42 1/4	59 9/32	50 5/16	48 1/2	13.9
66	47 1/16	53 15/16	64	10	95 13/16	3	49 21/32	36 1/2	5 3/16	46 9/16	65 13/32	55 1/2	53 5/8	15.3

ITEM NO	IDENTIFICATION	NO REQ'D	FAN SIZE	DISCH. & ROT.	WHL. TYPE	CL.	PERFORMANCE							MOTOR DATA		
							C.F.M.	O.V.	S.P.	R.P.M.	B.H.P.	TEMP.	ELEV.	H.P.	R.P.M.	CURRENT

ITEM NO	MOTOR SLIDE BASE PART #7-2-94-	DRIVE DATA			BY S.E. BY CUST.	MOTOR	VIBR. BASE TYPE	SPECIAL FEATURES	SPECIAL FEATURES	
		MTR.SHEAVE	FAN SHEAVE	BELTS					A=CLEANOUT DOOR 1.QUICK CLAMP 2.BOLTED 3.PLUG B=HOUSING DRAIN C=INLET VOLUME CONTROL D=BELT GUARD E=EXTENDED GREASE LEADS	F=INLET SCREEN 1.WITH IVC 2.WITHOUT IVC G=FLANGED OUTLET H=SPLIT HOUSING I=OUTLET DAMPER J=SPECIAL FINISH K=VIBRATION/UNITARY BASE

NOTES

WHEN VIBRATION OR UNITARY BASE IS FURNISHED DISREGARD FOUNDATION PLAN SHOWN ABOVE AND REFER TO VIBRATION OR UNITARY BASE DWG.
REFER TO ORDER ACKNOWLEDGEMENT FOR SHIPPING DETAILS.
DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE

CUSTOMER _____

P.O.# _____

JOB NAME _____

LOCATION _____

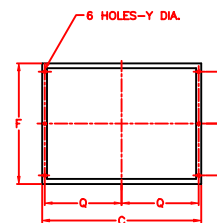
SERIES 8000 CENTRIFUGAL FANS DIDW - ARRANGEMENT 3 CL. III SIZES 36 1/2 TO 80 3/4



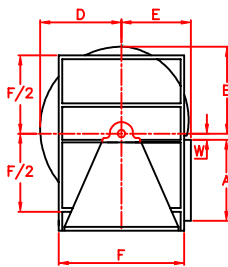
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sales@sheldonsengineering.com

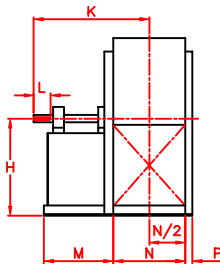
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DRAWING CERTIFIED BY S.E. APPROVAL-NOT RELEASED FOR PRODUCTION	DATE	ENGINEER	SO#
DRAWING CERTIFIED BY S.E. APPROVAL-NOT REQUIRED-RELEASED FOR PRODUCTION	DATE	ENGINEER	DWG#



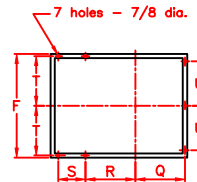
FOUNDATION (plan)



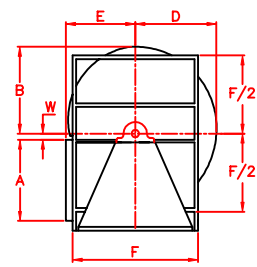
SIDE ELEVATION (drive side)
BOTTOM HORIZONTAL COUNTER CLOCKWISE



FRONT ELEVATION



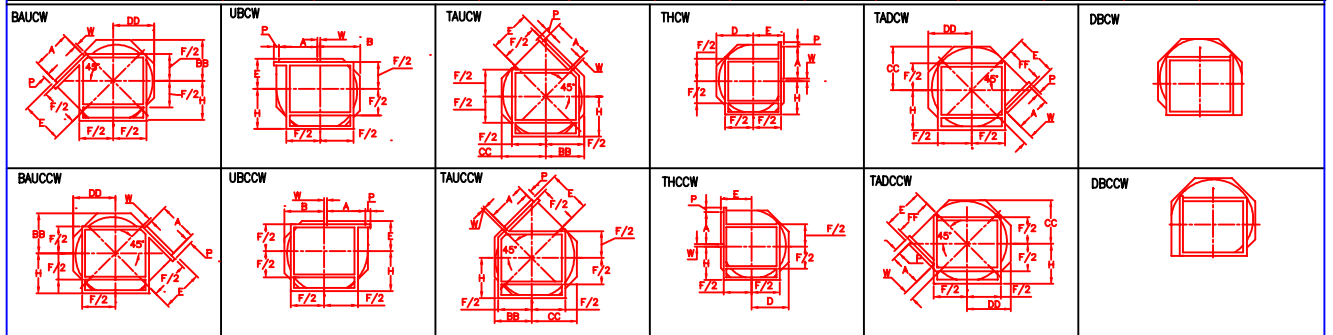
FOUNDATION (plan)



SIDE ELEVATION (drive side)
BOTTOM HORIZONTAL COUNTER CLOCKWISE

DIMENSIONS - INCHES

FAN SIZE	WHEEL DIA.	SHAFT AT BEARINGS	KEYWAY	A	B	D	E		F	H						K
							BH,BAU, UB,TAU & TH	TAD ONLY		BH	BAU	UB	TAU	TH	TAD	
54 1/4	54 1/4	3 3/16	3/4x3/8	47 7/8	42 13/32	50 3/8	36 1/4	46 1/2	67 1/4	54 7/8	54 3/8	50 7/8	46 1/4	42 15/16	39	64 1/4
60	60	3 7/16	7/8x7/16	53	46 9/16	55 1/2	40	51 3/8	74 1/4	60 3/8	59 13/16	56	50 13/16	47 1/16	42 3/4	66 3/4
66	66	3 11/16	7/8x7/16	58 9/16	51 5/16	61 1/8	44 1/4	56 7/8	82	66 1/2	65 15/16	61 5/8	56	51 13/16	47 1/16	74 1/2
73	73	3 15/16	1 x1/2	64 7/16	56 5/16	67 1/16	48 1/4	62	90 1/4	72 7/8	72 1/4	67 9/16	61 3/8	56 13/16	51 9/16	81
FAN SIZE	L	M	N	P	Q	R	S	T	U	W	BB	CC	DD	FF	MIN.FAN SHEAVE DIA.	
54 1/4	9	35 3/4	43	3	23 1/4	27 7/16	28 3/4	32 3/8	29 3/8	4	38 1/2	53 7/8	45 3/4	43 7/8	12.5	
60	9	35 7/8	47 9/16	3	25 17/32	29 9/32	28 7/8	35 7/8	32 3/8	4 3/8	42 1/4	59 9/32	50 5/16	48 1/2	13.9	
66	9	39 7/8	52 11/16	3	28 3/32	35 3/32	28 5/8	39 3/4	36 1/2	4 15/16	46 9/16	65 13/32	55 1/2	53 5/8	15.3	
73	10	41 3/8	57 7/8	3	30 11/16	39 1/16	28 3/4	43 7/8	40 5/8	5 7/16	51 1/16	71 25/32	60 7/8	58 7/8	16.9	



POSITIONS OF DISCHARGE AND ROTATION AS VIEWED FROM DRIVE SIDE

ITEM NO	IDENTIFICATION	NO REQ'D	FAN SIZE	DISCH. & ROT.	WHL. TYPE	CL.	PERFORMANCE							MOTOR DATA				
							C.F.M.	O.V.	S.P.	R.P.M.	B.H.P.	TEMP.	ELEV.	H.P.	R.P.M.	CURRENT	FRAME	TYPE

ITEM NO	MOTOR SLIDE BASE PART #7-2-94	DRIVE DATA			BY S.E. BY CUST.	MOTOR	VIBR. BASE TYPE	SPECIAL FEATURES
		MTR.SHEAVE	FAN SHEAVE	BELTS				

NOTES

DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE

SPECIAL FEATURES

A=FLANGED OUTLET
B=FLANGED INLET
C=INLET VOLUME CONTROL
1.350 F.MAX 2.650 F.MAX.
D=OUTLET DAMPER
E=CLEANOUT DOOR TYPE:
1.Quick CLAMP 2.BOLTED 3.PLUG
F=SHAFT COOLER AND GUARD
G=DRAIN OPENING
H=INLET SCREEN TYPE:
1.ROUNDED IN-CONE
2.SQUARE BASKET
J=SHAFT SEAL
K=HORIZONTAL SPLIT HOUSING
J=SPECIAL FINISH-SEE NOTES
M=SPARK RESISTANT CONSTRUCTION, TYPE C
N=SPLIT TYPE ROLLER BEARINGS;
1.GREASE LUBRICATED (STD.)
2.OIL LUBRICATED
P=MOTOR SLIDE BASE-A/1 ONLY
Q=VIBRATION BASE
R=INLET COLLAR
S=BELT GUARD

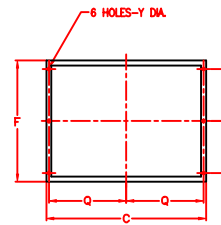
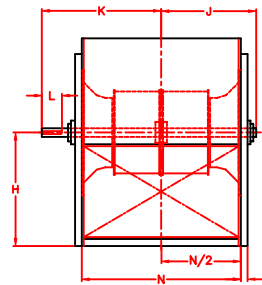
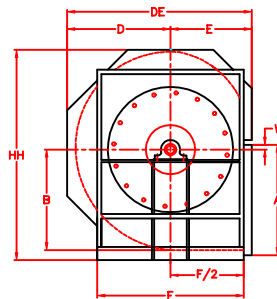
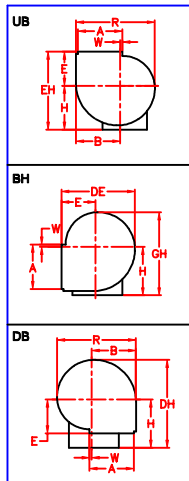
CUSTOMER _____ P.O.# _____
JOB NAME _____
LOCATION _____



SERIES 3000 SIZES 54 1/4 TO 73
ARRANGEMENT NO 1 & 9 - SISW - CL III
CENTIFUGAL FAN
SHELDONS ENGINEERING

www.sheldonsengineering.com
sales@sheldonsengineering.com

FURNISHED FOR SALES PURPOSES - DIMENSIONS NOT CERTIFIED BY S.E.	DATE	SUBMITTED BY	SALES OFFICE
DRAWING CERTIFIED BY S.E. FOR PRODUCTION	DATE	ENGINEER	SO#
DRAWING CERTIFIED BY S.E. FOR PRODUCTION	DATE	ENGINEER	DWG#



SIDE ELEVATION (drive side)
BOTTOM HORIZONTAL
COUNTER CLOCKWISE

FRONT ELEVATION

FOUNDATION (plan)

DIMENSIONS - INCHES

FAN SIZE	WHEEL DIA.	SHAFT AT BEARINGS		KEYWAY		A	B	FOR UB, TH, BH C	FOR DB ONLY C	D	E	F	H				J	
		CL I	CL II	CL I	CL II								BH	UB	TH	DB	CL I	CL II
13 1/2	13 1/2	1 3/16	1 3/16	1/4x1/8	1/4x1/8	14 1/8	13 1/2	23 1/4	24 1/4	12 23/32	10 3/4	20	16	14 1/4	12 1/4	15 1/2	12 3/4	12 3/4
15	15	1 3/16	1 7/16	1/4x1/8	3/8x3/16	15 13/16	14 13/16	25 1/4	26 1/4	13 15/16	11 1/2	21 5/8	17 1/4	15 1/2	13 1/4	17	13 3/4	13 15/16
16 1/2	16 1/2	1 7/16	1 7/16	3/8x3/16	3/8x3/16	17 3/16	16 13/32	27 5/8	28 5/8	15 7/16	12 1/2	23 3/8	18 7/8	17	14 1/2	18	15 1/8	15 1/8
18 1/4	18 1/4	1 7/16	1 11/16	3/8x3/16	3/8x3/16	19 1/8	18	30	31	16 29/32	13 3/4	25 3/4	20 1/2	18 1/2	15 3/4	19 1/2	16 5/16	16 1/2
20	20	1 11/16	1 15/16	3/8x3/16	1/2x1/4	20 3/4	19 7/8	32 3/4	33 3/4	18 11/16	14 3/4	28 1/8	21 3/8	19 3/16	16 3/16	21	17 7/8	18
22 1/4	22 1/4	1 11/16	2 3/16	3/8x3/16	1/2x1/4	23 7/16	21 23/32	35 1/2	36 1/2	20 7/16	16	30 1/4	23 7/32	20 15/16	17 5/8	22 1/2	19 1/4	19 19/32
24 1/2	24 1/2	1 15/16	2 3/16	1/2x1/4	1/2x1/4	25 9/16	24 3/32	39	40	22 21/32	17 1/2	33 1/2	25 19/32	23 1/8	19 1/2	24	23 1/8	21 11/32
27	27	1 15/16	2 7/16	1/2x1/4	5/8x5/16	28 3/16	26 7/16	42 1/2	43 1/2	24 7/8	19 1/2	36 5/8	27 15/16	25 3/4	21 3/8	26	22 7/8	23 5/16
30	30	2 3/16	2 11/16	1/2x1/4	5/8x5/16	31 5/8	29 3/16	46 1/2	47 1/2	27 7/16	21 3/4	39 1/2	30 11/16	27 7/8	23 3/8	29	25 3/32	25 5/8
33	33	2 7/16	2 15/16	5/8x5/16	3/4x3/8	34 5/8	32 5/16	51 1/4	52 1/4	30 3/8	23 1/2	42 5/8	33 13/16	30 13/16	25 7/8	31	27 11/16	28 5/16

FAN SIZE	K		L		N	P	FOR UB, TH, BH Q	FOR DB ONLY Q	R	U	W	Y	DE	DH	EH	GH	HH
	CL I	CL II	CL I	CL II													
13 1/2	17 3/8	17 3/8	4	4	19 1/4	1 1/2	10 3/4	11 1/4	24 3/16	6	1 1/8	1/2	23 15/32	28 7/32	25	26 11/16	25 3/4
15	18 3/8	19 11/16	4	5	21 1/4	1 1/2	11 3/4	12 1/4	26 17/32	6 13/16	1 1/2	1/2	25 7/16	30 15/16	27	28 31/32	28 1/16
16 1/2	19 7/8	20 7/8	4	5	23 5/8	1 1/2	12 15/16	13 7/16	29 3/8	7 7/8	1 9/32	1/2	27 15/16	33 7/16	29 1/2	31 27/32	30 29/32
18 1/4	21 9/16	22 1/4	4 1/2	5	26	1 1/2	14 1/8	14 5/8	32 7/32	8 7/8	1 5/8	1/2	30 21/32	36 13/32	32 1/4	34 23/32	33 3/4
20	23 1/8	23 13/16	4 1/2	5	28 3/4	1 1/2	15 1/2	16	35 9/16	10 9/16	1 3/8	1/2	33 7/16	39 11/16	33 15/16	37 1/16	36 1/16
22 1/4	24 1/2	26 13/32	4 1/2	6	31 1/2	1 1/2	16 7/8	17 3/8	38 27/32	11 5/8	2 7/32	1/2	36 7/16	42 15/16	36 15/16	40 11/32	39 11/32
24 1/2	26 7/16	28 5/32	4 1/2	6	35	1 1/2	18 5/8	19 1/8	43 1/16	13 1/4	1 31/32	1/2	40 5/32	46 21/32	40 5/8	44 9/16	43 19/32
27	28 11/16	30 3/4	5	6 1/2	38 1/2	1 1/2	20 3/8	20 7/8	47 5/16	14 13/16	2 1/4	1/2	44 3/8	50 7/8	45 1/4	48 13/16	47 13/16
30	30 29/32	33 9/16	5	7	42 1/2	2	22 3/8	22 7/8	52 3/16	15 3/4	2 15/16	1/2	49 3/16	56 7/16	49 5/8	53 11/16	52 9/16
33	34 5/8	36 5/16	6	7	47 1/4	2	24 3/4	25 1/4	57 3/4	17 5/16	2 9/16	1/2	53 7/8	61 3/8	54 5/16	59 1/4	58 3/16

ITEM NO	IDENTIFICATION	NO REQ'D	FAN SIZE	DISCH. & ROT.	WHL. TYPE	CL.	PERFORMANCE							MOTOR DATA				
							C.F.M.	O.V.	S.P.	R.P.M.	B.H.P.	TEMP.	ELEV.	H.P.	R.P.M.	CURRENT	FRAME	TYPE

ITEM NO	MOTOR SLIDE BASE PART #7-2-94	DRIVE DATA			BY S.E. BY CUST.	MOTOR	VIBR. BASE TYPE	SPECIAL FEATURES	SPECIAL FEATURES									
		MTR. SHEAVE	FAN SHEAVE	BELTS					A=CLEANOUT DOOR; TYPE: 1. QUICK CLAMP 2. BOLTED 3. PLUG B=HOUSING DRAIN C=INLET VOLUME CONTROL D=BELT GUARD E=EXTENDED GREASE LEADS F=INLET SCREEN 1. WITH IVC 2. WITHOUT IVC G=FLANGED OUTLET H=SPLIT HOUSING I=OUTLET DAMPER J=SPECIAL FINISH K=VIBRATION/UNITARY BASE									

NOTES

WHEN VIBRATION OR UNITARY BASE IS FURNISHED DISREGARD FOUNDATION PLAN SHOWN ABOVE AND REFER TO VIBRATION OR UNITARY BASE DWG.
REFER TO ORDER ACKNOWLEDGEMENT FOR SHIPPING DETAILS.
DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE

CUSTOMER

P.O.#

JOB NAME

LOCATION

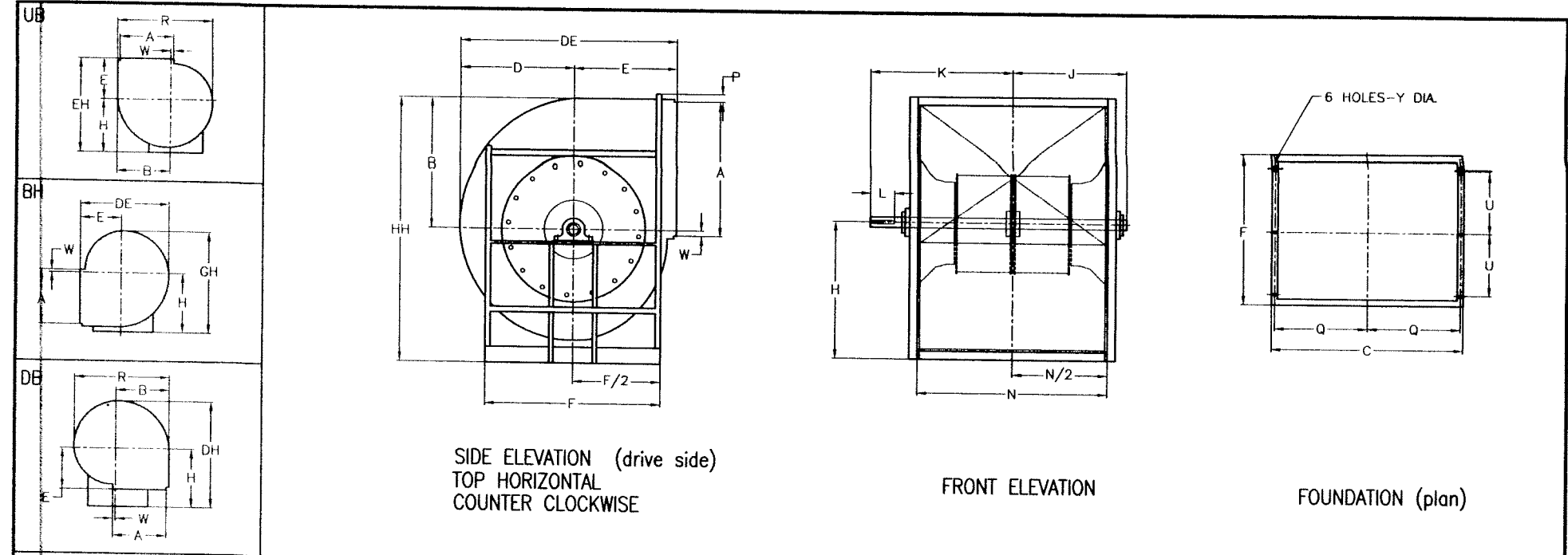


SERIES 8000 CENTRIFUGAL FANS
DIDW - ARRANGEMENT 3 CL. I & II
SIZES 13 1/2 TO 33

SHELDONS ENGINEERING

www.sheldonsengineering.com
sales@sheldonsengineering.com

FURNISHED FOR SALES PURPOSES-DIMENSIONS NOT CERTIFIED BY S.E.	DATE	SUBMITTED BY	SALES OFFICE
DRAWING CERTIFIED BY S.E. FURNISHED FOR APPROVAL-NOT RELEASED FOR PRODUCTION	DATE	ENGINEER	SO#
DRAWING CERTIFIED BY S.E. APPROVAL-NOT REQUIRED-RELEASED FOR PRODUCTION	DATE	ENGINEER	DWG#



DIMENSIONS - INCHES

FAN SIZE	WHEEL DIA.	SHAFT AT BEARINGS		KEYWAY		A	B	FOR UB, TH,BH,DB C	D	E	F	H				J	
		CL I	CL II	CL I	CL II							BH	UB	TH	DB	CL I	CL II
36 1/2	36 1/2	2 7/16	2 15/16	5/8x5/16	3/4x3/8	38 5/16	35 1/2	55 7/8	33 11/32	25	46	37	33 3/4	28 3/8	33	30	31 7/32
40 1/4	40 1/4	2 11/16	3 7/16	5/8x5/16	7/8x7/16	42	39 5/32	61 1/2	36 25/32	27 1/2	51 1/4	41 21/32	37 1/4	31 1/4	35	33 1/8	34
44 1/2	44 1/2	2 15/16	3 7/16	3/4x3/8	7/8x7/16	46 1/2	43 1/16	67 7/16	40 7/16	30 1/4	55 1/4	45 9/16	40 15/16	34 5/16	38	36 13/32	37
49	49	3 7/16	3 11/16	7/8x7/16	7/8x7/16	51 1/16	47 9/16	74 1/8	44 21/32	33	61	50 1/16	45 1/8	37 3/4	41	40 5/16	41 3/8
54 1/4	54 1/4	3 7/16	3 7/16	7/8x7/16	7/8x7/16	56 13/16	52 3/8	83 1/4	49 3/16	36 1/4	67 1/4	54 7/8	49 11/16	41 5/8	38 3/4	45 15/32	45 15/32
60	60	3 15/16	3 7/16	1x1/2	7/8x7/16	62 13/16	57 7/8	91 7/16	54 3/8	40	74 1/4	60 3/8	54 7/8	46 1/8	48	48 23/32	49 27/32
66	66	3 7/16	3 7/16	7/8x7/16	7/8x7/16	68 11/16	63 15/16	100 1/2	60 1/32	44 1/4	82	66 7/16	61 5/8	51 13/16	52	54 3/8	54 3/8
73	73	3 7/16	3 7/16	7/8x7/16	7/8x7/16	76 3/8	70 5/16	110	66 13/32	48 1/4	90 1/4	72 13/16	67 9/16	56 13/16	56	57 19/32	57 13/16
80 3/4	80 3/4	3 7/16	3 15/16	7/8x7/16	1x1/2	84 1/2	77 11/16	121	72 15/16	54	103 3/4	81 3/16	75 7/16	63 9/16	62	65 1/16	65 1/16

FAN SIZE	K		L		N	P	FOR UB, TH,BH Q	FOR DB ONLY Q	R	U	W	Y	DE	DH	EH	GH	HH
	CL I	CL II	CL I	CL II													
36 1/2	36 15/16	40 7/32	6	8	51 7/8	2	27 1/16	27 9/16	63 13/32	19	3 5/16	1/2	58 11/32	66 11/32	58 3/4	64 29/32	63 7/8
40 1/4	40 1/16	43 1/16	6	8	57 1/2	3	29 7/8	30 3/8	69 15/16	20 5/8	3 11/32	1/2	64 9/32	71 25/32	64 3/4	72 7/16	70 13/32
44 1/2	44 13/32	46 3/16	7	8	63 7/16	3	32 27/32	33 11/32	76 7/8	22 5/8	3 15/16	1/2	70 11/16	78 7/16	71 3/16	79 3/8	77 3/8
49	48 3/8	50 7/16	7	8	70 1/8	3	36 3/16	36 11/16	84 29/32	25 1/2	4	1/2	77 21/32	85 21/32	78 1/8	87 13/32	85 5/16
54 1/4	54 9/16	54 9/16	8	8	77 1/4	3	40 3/8	40 3/8	93 1/2	28 5/8	4 15/16	7/8	85 7/16	93 3/16	85 15/16	96	94
60	57 27/32	58 27/32	8	8	85 7/16	3	44 15/32	44 31/32	103 9/32	32 1/8	5 7/16	7/8	94 3/8	102 3/8	94 7/8	105 25/32	104
66	63 3/8	63 3/8	8	8	94 1/2	3	49	49 1/2	114 1/16	36 1/2	5 1/4	7/8	104 9/32	112 1/32	105 7/8	116 9/16	115 3/4
73	66 21/32	66 13/16	8	8	104	3	53 3/4	54 1/4	125 7/16	40 5/8	6 9/16	7/8	114 21/32	122 13/32	115 13/16	127 15/16	127 1/8
80 3/4	74 1/8	74 1/8	8	8	115	3	59 1/4	59 3/4	138 19/32	45 3/8	7 5/16	7/8	126 15/16	134 15/16	129 7/16	142 3/32	141 1/4

ITEM NO	IDENTIFICATION	NO REQ'D	FAN SIZE	DISCH. & ROT.	WHL. TYPE	CL.	PERFORMANCE							MOTOR DATA				
							C.F.M.	O.V.	S.P.	R.P.M.	B.H.P.	TEMP.	ELEV.	H.P.	R.P.M.	CURRENT	FRAME	TYPE

ITEM NO	MOTOR SLIDE BASE PART #7-2-94-	DRIVE DATA			BY S.E. BY CUST.	MOTOR	VIBR. BASE TYPE	SPECIAL FEATURES	SPECIAL FEATURES									
		MTR.SHEAVE	FAN SHEAVE	BELTS					A=CLEANOUT DOOR; TYPE: 1.QUICK CLAMP 2.BOLTED 3.PLUG B=HOUSING DRAIN C=INLET VOLUME CONTROL D=BELT GUARD E=EXTENDED GREASE LEADS F=INLET SCREEN 1.WITH IVC 2.WITHOUT IVC G=FLANGED OUTLET H=SPLIT HOUSING I=OUTLET DAMPER J=SPECIAL FINISH K=VIBRATION/UNITARY BASE									

NOTES

WHEN VIBRATION OR UNITARY BASE IS FURNISHED DISREGARD FOUNDATION PLAN SHOWN ABOVE AND REFER TO VIBRATION OR UNITARY BASE DWG.

REFER TO ORDER ACKNOWLEDGEMENT FOR SHIPPING DETAILS.

CUSTOMER

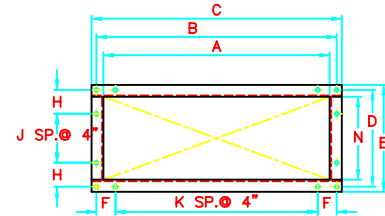
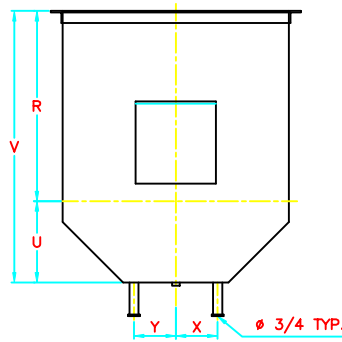
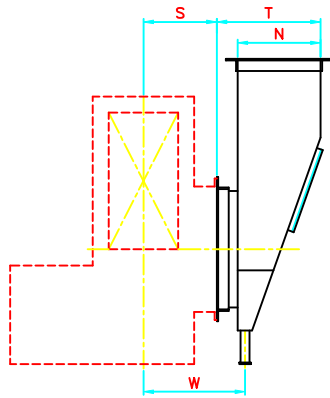
JOB NAME

LOCATION

SERIES 8000 CENTRIFUGAL FANS
DIDW - ARRANGEMENT 3 CL. I & II
SIZES 36 1/2 TO 80 3/4

SHELDONS ENGINEERING
www.sheldonsengineering.com
sales@sheldonsengineering.com

FURNISHED FOR SALES PURPOSES-DIMENSIONS NOT CERTIFIED BY S.E.	DATE	SUBMITTED BY	SALES OFFICE
DRAWING CERTIFIED BY S.E. FURNISHED FOR APPROVAL-NOT RELEASED FOR PRODUCTION	DATE	ENGINEER	SO#
DRAWING CERTIFIED BY S.E. APPROVAL-NOT REQUIRED-RELEASED FOR PRODUCTION	DATE	ENGINEER	DWG#



INLET FLANGE PUNCHING DETAIL

FAN SIZE	DIMENSIONS IN INCHES																	WT. (lbs.)
	A	B	C	D	E	F	G	H	J	K	N	P	R	S	T	U	V	
22 1/4	40	41 3/8	42 1/4	9 7/8	10 3/4	4 11/16	24	4 15/16	—	8	8 1/2	3/8	25	10 7/8	19 3/8	17	42	209
24 1/2	44	45 3/8	46 1/2	10 7/8	11 3/4	4 11/16	28	3 7/16	1	9	9 1/2	3/8	27 1/2	11 7/8	20 3/8	18 1/2	46	232
27	48 1/2	50 3/4	50 3/4	12 5/8	14 3/8	3 3/8	32	4 5/16	1	11	10 3/8	1/2	30 1/4	13 3/8	13	20 1/2	50 3/4	256
30	54	56 1/4	56 1/4	13 5/8	15 3/8	4 1/8	34	4 13/16	1	12	11 3/8	1/2	32 3/4	14 3/8	14 3/8	22 1/4	55	300
33	59 1/2	61 3/4	61 3/4	14 7/8	16 5/8	2 7/8	40	3 7/16	2	14	12 5/8	1/2	35 1/4	15 1/2	16 3/4	24	59 1/4	447
36 1/2	65 3/4	68	68	16 3/16	17 15/16	—	42	4 3/32	2	17	13 15/16	1/2	37 1/2	18 5/8	16 13/16	25 1/2	63	533
40 1/4	73	75 1/4	75 1/4	17 3/4	19 1/2	3 5/8	46	4 7/8	2	17	15 1/2	1/2	40 1/2	20	19 3/8	27 1/2	68	805
44 1/2	80	82 1/4	82 1/4	19 1/4	21	3 1/8	52	3 5/8	3	19	17	1/2	44 1/4	21 7/16	21 7/8	30 1/4	74 1/4	956
49	88 1/4	90 1/2	90 1/2	21	22 3/4	3 1/4	56	4 1/2	3	21	18 3/4	1/2	48 1/4	22 29/32	24 5/8	33 1/4	81 1/2	1147
54 1/4	98	100 1/4	100 1/4	23	24 3/4	4 1/8	62	3 1/2	4	23	20 3/4	1/2	52 3/4	24 3/4	28 1/16	36 1/4	89	1373
60	108	111 1/2	111 1/2	26 1/4	28 3/4	3 3/4	70	3 1/8	5	26	22 3/4	3/4	53 1/2	26 13/16	31 5/16	34 3/4	88 1/4	2260
66	118 1/2	122	122	28 5/8	31 1/8	3	76	4 5/16	5	29	25 1/8	3/4	56 3/4	28 29/32	35 1/8	36 1/2	93 1/4	2523

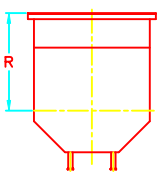


FIG.1 - POSITION 0°

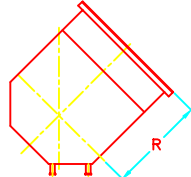


FIG.2 - POSITION 45°

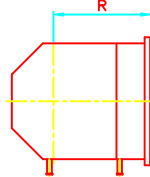


FIG.3 - POSITION 90°

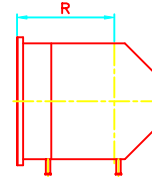


FIG.4 - POSITION 270°

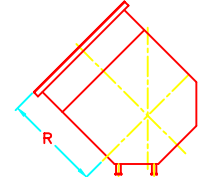


FIG.5 - POSITION 315°

FAN SIZE	W	X	Y	FAN SIZE	W	X	Y	FAN SIZE	W	X	Y	FAN SIZE	W	X	Y	FAN SIZE	W	X	Y
22 1/4																			
24 1/2																			
27	16 29/32	9	9	27	17	5 1/16	11 9/16	27	19 3/4	5	22	27	19 3/4	22	5	27	17	11 9/16	5 1/16
30	18 25/32	10 1/8	10 1/8	30	19	5 7/16	13 1/2	30	22 1/8	5 1/8	23 9/16	30	22 1/8	23 9/16	5 1/8	30	19	13 1/2	5 7/16
33	20 29/32	11 1/2	11 1/2	33	21 1/8	5 15/16	15 1/4	33	24 11/16	5 1/4	25 1/2	33	24 11/16	25 1/2	5 1/4	33	21 1/8	15 1/4	5 15/16
36 1/2	22 7/8	12 1/4	12 1/4	36 1/2	23 1/16	5 13/16	17 1/2	36 1/2	27 1/8	4 7/8	26 7/8	36 1/2	27 1/8	26 7/8	4 7/8	36 1/2	23 1/16	17 1/2	5 13/16
40 1/4	25 9/16	13 3/4	13 3/4	40 1/4	25 3/4	6 1/8	20 3/16	40 1/4	30 15/16	4 3/4	28 11/16	40 1/4	30 15/16	28 11/16	4 3/4	40 1/4	25 3/4	20 3/16	6 1/8
44 1/2	28 5/16	15 3/16	15 3/16	44 1/2	28 1/2	7 1/16	22 1/8	44 1/2	33 15/16	5 7/16	31 11/16	44 1/2	33 15/16	31 11/16	5 7/16	44 1/2	28 1/2	22 1/8	7 1/16
49	30 29/32	16 11/16	16 11/16	49	31 3/32	7 3/4	24 5/16	49	37 5/32	5 13/16	34 7/8	49	37 5/32	34 7/8	5 13/16	49	31 3/32	24 5/16	7 3/4
54 1/4	34 5/8	18 11/16	18 11/16	54 1/4	34 13/16	8 1/2	27 11/16	54 1/4	41 5/8	5 15/16	37 7/8	54 1/4	41 5/8	37 7/8	5 15/16	54 1/4	34 13/16	27 11/16	8 1/2
60	38 7/16	20 11/16	20 11/16	60	38 5/8	6	34 1/4	60	46 11/16	1 1/8	36 3/8	60	46 11/16	36 3/8	1 1/8	60	38 5/8	34 1/4	6
66	42 15/32	21 13/16	21 13/16	66	42 21/32	5 3/4	38 15/16	66	51 25/32	3/16	34 3/8	66	51 25/32	34 3/8	3/16	66	42 21/32	38 15/16	5 3/4

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P.O.# _____

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