

FIG. 5
CW TH

ARRANGEMENT 1

ADJUSTABLE MOTOR BASE ARRANGEMENT 9T & 9S

FIG. 15
CCW TH

DIMENSION - INCHES

FAN SIZE	WHEEL DIA.	SHAFT DIA.		KEYWAY SIZE		A	B	D	E	F	G	H	J	K	L	N	P	Q	U	W	X	Z	MOTOR FRAME	
		CL I	CL II	CL I	CL II																		Min.	Max.
12 1/4	12 1/4	1 3/16	1 3/16	1/4x1/8	1/4x1/8	11 3/4	10 1/2	12 1/2	10	22 1/2	16 1/2	14 1/16	7	22 5/8	3 3/4	10 11/16	1 1/8	6 1/32	7	5/16	24 9/16	29 9/16	56	256T
13 1/2	13 1/2	1 3/16	1 3/16	1/4x1/8	1/4x1/8	14 3/8	10 1/2	12 1/2	10	22 1/2	16 1/2	14 1/16	7	22 5/8	3 3/4	10 11/16	1 1/8	6 1/32	7	5/16	24 9/16	29 9/16	56	256T
15	15	1 3/16	1 3/16	1/4x1/8	1/4x1/8	15 7/8	11 1/2	13 3/4	11	24 3/4	18	15 3/8	7 9/16	23 1/8	3 3/4	11 3/4	1 1/8	6 9/16	7 11/16	1/2	26 7/8	30 7/8	56	256T
16 1/2	16 1/2	1 3/16	1 7/16	1/4x1/8	1/4x1/8	17 3/8	12 3/4	15 1/4	12	27 1/4	19 5/8	17 5/16	8 3/16	25	4 3/8	13 1/16	1 1/2	7 13/32	8 9/16	1/16	30 1/16	32 13/16	56	256T
18 1/4	18 1/4	1 7/16	1 11/16	1/4x1/8	3/8x3/16	19 3/8	14	16 3/4	13	29 3/4	21 5/8	18 15/16	8 7/8	25 15/16	4 3/8	14 3/8	1 1/2	8 1/16	9 3/8	7/16	32 15/16	34 7/16	56	256T
20	20	1 7/16	1 11/16	3/8x3/16	3/8x3/16	21 5/16	15 7/16	18 1/2	14 1/4	32 3/4	23 3/4	20 13/16	10 7/8	29 3/16	4 3/8	15 7/8	1 1/2	8 13/16	10 3/8	1/2	36 1/4	37 1/16	56	256T
22 1/4	22 1/4	1 7/16	1 11/16	3/8x3/16	3/8x3/16	23 1/2	17	20 3/8	15 1/2	35 7/8	25 11/16	22 5/8	10 7/8	30 9/16	4 1/2	17 3/8	1 1/2	9 9/16	11 3/4	7/8	39 5/8	38 7/8	56	256T
24 1/2	24 1/2	1 11/16	1 15/16	3/8x3/16	3/8x3/16	26 1/8	18	22 9/16	17	39 9/16	28 1/8	25	11 7/8	33 9/16	4 1/2	19 3/8	1 1/2	10 9/16	13 1/4	1 1/8	43 7/8	41 1/4	56	256T
27	27	1 11/16	2 3/16	3/8x3/16	1/2x1/4	28 3/4	20 3/4	24 13/16	18 1/2	43 5/16	30 5/8	27 3/8	12 7/8	34 9/16	4 1/2	21 5/16	1 1/2	11 17/32	14 3/4	1 3/8	48 1/8	43 5/8	56	256T
30	30	1 15/16	2 3/16	1/2x1/4	1/2x1/4	31 3/4	22 7/8	27 1/4	20 1/4	47 1/2	33 13/16	30 1/2	14 1/2	38	4 1/2	23 1/2	2	12 7/8	16 1/2	1 1/4	53 3/8	46 3/4	56	256T
33	33	1 15/16	2 3/16	1/2x1/4	1/2x1/4	35	25 5/16	30 1/4	22 1/4	52 1/2	37	33 1/16	15 3/4	39 15/16	5	26 1/8	2	14 3/16	18 1/2	1 5/16	59	49 15/16	56	256T
36 1/2	36 1/2	2 3/16	2 3/16	1/2x1/4	1/2x1/4	38 11/16	27 5/8	33 3/16	24 1/2	57 11/16	40 3/8	36 7/8	17 1/16	43 1/4	5	28 3/4	2	15 1/2	20 3/4	1 13/16	64 1/2	53 1/8	56	256T
40 1/4	40 1/4	2 3/16	2 7/16	1/2x1/4	5/8x5/16	42 1/4	30 1/16	36 11/16	27 1/2	64 3/16	40 5/8	40 49 1/16	18 9/16	45 9/16	5	31 3/4	2	17	23 1/4	1 11/16	71 1/4	56 13/16	56	256T
44 1/2	44 1/2	2 7/16	2 11/16	5/8x5/16	5/8x5/16	48 7/8	34 5/32	40 7/8	30 1/4	71 7/8	44 1/8	40 31/32	20 1/4	53 1/4	7	35	2 1/2	18 7/8	24	1 29/32	79 7/8	61 3/16	56	256T
49	49	2 7/16	2 11/16	5/8x5/16	5/8x5/16	51 3/8	37 5/32	45	33	78	48 7/8	49 15/32	22 3/32	55 1/16	7	38 11/16	2 1/2	20 23/32	28	1 7/16	87 3/16	65 11/16	56	256T

[illegible][illegible]

SPECIAL FEATURES

- | | |
|---|-----------------------------------|
| 1. CLEAN-OUT DOOR: | 8. SPECIAL PAINT. |
| A. QUICK CLAMP TYPE | 9. MOUNTING MOTOR & DRIVE. |
| B. ROUND PLUG TYPE. | 10. OSHA BELT GUARD. |
| 2. FLANGED INLET | 11. COOLING WHEEL & GUARD. |
| A. PUNCHED. | 12. OSHA BEARING AND SHAFT GUARD. |
| B. UNPUNCHED | 13. EXTENDED GREASE TUBE FITTING. |
| 3. HOUSING DRAIN | 14. INLET VOLUME CONTROL. |
| 4. SHAFT SEAL. | 15. FLANGE OUTLET- PUNCHED: |
| 5. OUTLET DAMPER CONTROL | A. RUBBER IN SHEAR |
| 6. INLET SCREEN. | B. SPRINGS |
| 7. SPARK RESISTANT CONSTRUCTION TYPE "C". | 17. SUP FIT INLET |

NOTES

- DRIVES SUPPLIED BY CUSTOMER ☐ S.E. ☐
- MOTOR SUPPLIED BY CUSTOMER ☐ S.E. ☐

CUSTOMER

JOB NAME

LOCATION

— P.O.#

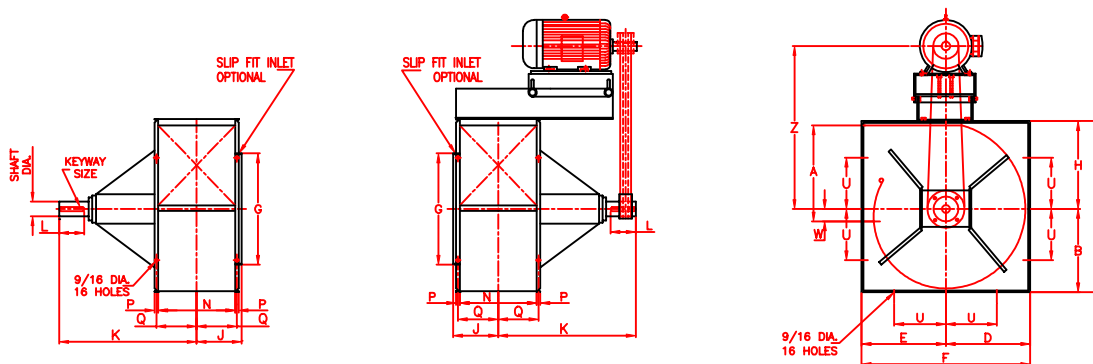
SERIES 6000 DESIGN 6100
ARRANGEMENT 1 & 9T/9S CLASS I & II

SHELDONS ENGINEERING

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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#



ARRANGEMENT 9T ILLUSTRATED
ARRANGEMENT 1 SAME AS ILLUSTRATED
BUT WITHOUT MOTOR AND BASE

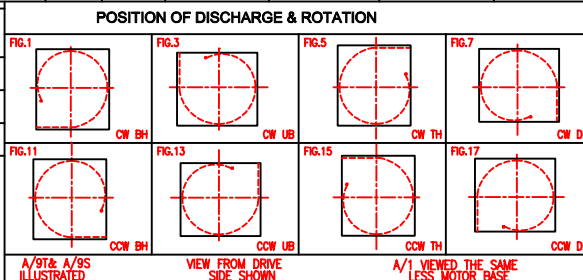
FIG. 15
CCW TH

DIMENSION - INCHES

FAN SIZE	WHEEL DIA.	SHAFT DIA.	KEYWAY SIZE	A	B	D	E	F	G	H	J	K	L	N	P	Q	U	W	X	Z	MOTOR FRAME
																					Min. Max.
20	20	1 15/16	1/2x1/4	21 5/16	15 7/16	18 1/2	14 1/4	32 3/4	23 3/4	20 13/16	10 1/8	29 3/16	4 3/8	15 7/8	1 1/2	8 13/16	10 3/8	1/2	36 1/4	37 1/16	56 286T
22 1/4	22 1/4	1 15/16	1/2x1/4	23 1/2	17	20 3/8	15 1/2	35 7/8	25 11/16	22 5/8	10 7/8	30 9/16	4 1/2	17 3/8	1 1/2	9 9/16	11 3/4	7/8	39 5/8	38 7/8	56 286T
24 1/2	24 1/2	2 3/16	1/2x1/4	26 1/8	18 7/8	22 9/16	17	39 9/16	28 1/8	25	11 7/8	33 9/16	4 1/2	19 3/8	1 1/2	10 9/16	13 1/4	1 1/8	43 7/8	41 1/4	56 286T
27	27	2 7/16	5/8x5/16	28 3/4	20 3/4	24 13/16	18 1/2	43 5/16	30 5/8	27 3/8	12 7/8	34 9/16	4 1/2	21 5/16	1 1/2	11 17/32	14 3/4	1 3/8	48 1/8	43 5/8	56 286T
30	30	2 7/16	5/8x5/16	31 3/4	22 7/8	27 1/4	20 1/4	47 1/2	33 13/16	30 1/2	14 1/2	38	4 1/2	23 1/2	2	12 7/8	16 1/2	1 1/4	53 3/8	46 3/4	56 286T
33	33	2 7/16	5/8x5/16	35	25 5/16	30 1/4	22 1/4	52 1/2	37	33 11/16	15 3/4	39 15/16	5	26 1/8	2	14 3/16	18 1/2	1 5/16	59	49 15/16	56 286T
36 1/2	36 1/2	2 7/16	5/8x5/16	38 11/16	27 5/8	33 3/16	24 1/2	57 11/16	40 3/8	36 7/8	17 1/16	43 1/4	5	28 3/4	2	15 1/2	20 3/4	1 13/16	64 1/2	53 1/8	56 286T
40 1/4	40 1/4	2 15/16	3/4x3/8	42 1/4	30 11/16	36 11/16	27 1/2	64 3/16	40 5/8	40 9/16	18 9/16	45 9/16	5	31 3/4	2	17	23 1/4	1 11/16	71 1/4	56 13/16	56 286T
44 1/2	44 1/2	3 3/16	3/4x3/8	46 7/8	34 5/32	40 7/8	30 1/4	71 1/8	44 1/8	44 31/32	20 1/4	53 1/4	7	35	2 1/2	18 7/8	24	1 29/32	79 1/8	61 3/16	286T
49	49	3 3/16	3/4x3/8	51 3/8	37 23/32	45	33	78	48 7/8	49 15/32	22 3/32	55 7/8	7	38 11/16	2 1/2	20 23/32	26	3 7/8	87 3/16	65 11/16	286T

ITEM NO.	IDENTIFICATION	NO. REQD.	FAN SIZE	WHEEL TYPE	CLASS	ARRGT.	FIG. NO.	PERFORMANCE						DRIVE DATA			
								CFM	O.V.	SP	R.P.M.	TEMP.	BHP	MTR. SHV.	FAN SHV.	BELTS	CTRS.

ITEM NO.	MOTOR DATA						SPECIAL FEATURES
	HP	RPM	CURRENT	FRAME	TYPE	MTR.POS.	



SPECIAL FEATURES

- CLEAN-OUT DOOR:
A: QUICK CLAMP TYPE AT 3:00
B: ROUND PLUG TYPE.
- FLANGED INLET
A. PUNCHED.
B. UNPUNCHED
- HOUSING DRAIN
- SHAFT SEAL
- OUTLET DAMPER CONTROL
- INLET SCREEN.
- SPARK RESISTANT CONSTRUCTION TYPE "C".
- SPECIAL PAINT
- MOUNTING MOTOR, DRIVE & FAN
- OSHA BELT GUARD.
- COOLING WHEEL & GUARD.
- OSHA BEARING AND SHAFT GUARD.
- EXTENDED GREASE TUBE FITTING.
- INLET VOLUME CONTROL
- FLANGE OUTLET- PUNCHED:
- TYPE "T" VIBRATION BASE
A. RUBBER IN SHEAR
B. SPRINGS
- SLIP FIT INLET
- OUTLET GUARD.

NOTES

- 8 HOLES SHOWN (PER DISCHARGE) ARE THE MINIMUM REQUIRED FOR MOUNTING (REFER TO ORDER ACKNOWLEDGEMENT FOR SHIPPING DETAILS.)
- DRIVES SUPPLIED BY CUSTOMER ☐ S.E. ☐
- MOTOR SUPPLIED BY CUSTOMER ☐ S.E. ☐

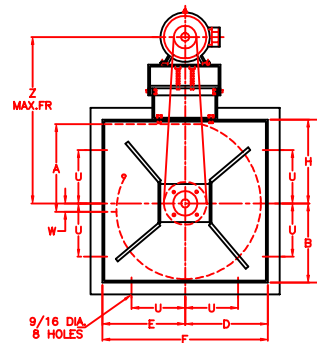
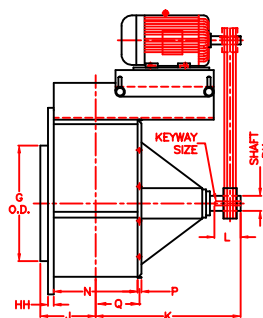
CUSTOMER _____
P.O.# _____
JOB NAME _____
LOCATION _____



SERIES 6000 DESIGN 6100
ARRANGEMENT 1 & 9T/9S CLASS III
SHELDONS ENGINEERING
www.sheldonsengineering.com
sales@sheldonsengineering.com

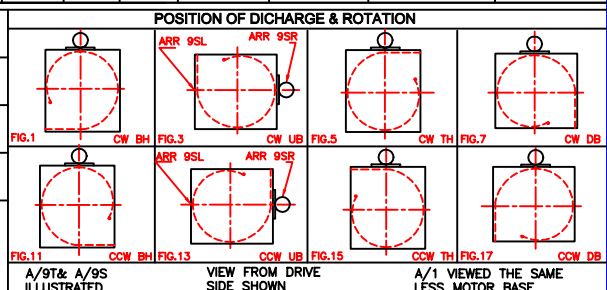
FURNISHED FOR SALES PURPOSE DIMENSIONS NOT CERTIFIED	DATE	SUBMITTED BY	SALES OFFICE
DRAWING CERTIFIED BY S.E. APPROVAL-NOT RELEASED FOR PRODUCTION	DATE	ENGINEER	SO#
DRAWING CERTIFIED BY S.E. APPROVAL-NOT REQUIRED-RELEASED FOR PRODUCTION	DATE	ENGINEER	DWG#

Technical drawing of a square plate with concentric circles and dimension lines. The drawing shows a square plate with a dashed outer square and concentric circles. Dimension lines are labeled AA, DD, CC, EE SPACES, FF, and BE. A note at the bottom indicates "9/16 DIA. G.G. HOLES" with arrows pointing to the holes. The plate has a thickness of 7/8 inch.

FIG. 15
CCW TH

FAN SIZE	WHEEL DIA.	SHAFT DIA.		KEYWAY SIZE		A	B	D	E	F	G	H	J	K	L	N	P	Q	U	W	X	Z	MOTOR FRAME	
		CL I	CL II	CL I	CL II																		Min.	Max.
12 1/4	12 1/4	1 3/16	1 3/16	1/4x1/8	1/4x1/8	11 3/4	10 1/2	12 1/2	10	22 1/2	16 1/2	14 1/16	7	22 5/8	3 3/4	10 11/16	1 1/8	6 1/32	7	0	24 9/16	29 9/16	56	256T
13 1/2	13 1/2	1 3/16	1 3/16	1/4x1/8	1/4x1/8	14 3/8	10 1/2	12 1/2	10	22 1/2	16 1/2	14 1/16	7	22 5/8	3 3/4	10 11/16	1 1/8	6 1/32	7	1/4	24 9/16	29 9/16	56	256T
15	15	1 3/16	1 3/16	1/4x1/8	1/4x1/8	15 7/8	11 1/2	13 3/4	11	24 3/4	18	15 3/8	7 9/16	23 1/8	3 3/4	11 3/4	1 1/8	6 9/16	7 11/16	1/16	26 7/8	30 7/8	56	256T
16 1/2	16 1/2	1 3/16	1 7/16	1/4x1/8	1/4x1/8	17 3/8	12 3/4	15 1/4	12	27 1/4	19 5/8	17 5/16	8 3/16	25	4 3/8	13 1/16	1 1/2	7 13/32	8 9/16	1/16	30 1/16	32 13/16	56	256T
18 1/4	18 1/4	1 7/16	1 11/16	1/4x1/8	3/8x3/16	19 3/8	14	16 3/4	13	29 3/4	21 5/8	18 5/16	8 7/8	25 15/16	4 3/8	14 3/8	1 1/2	8 1/16	9 3/8	5/16	32 1/4	34 7/16	56	256T
20	20	1 7/16	1 11/16	3/8x3/16	3/8x3/16	21 5/16	15 7/8	18 1/2	14 1/4	32 3/4	23 3/4	20 13/16	10 7/8	29 3/16	4 3/8	15 7/8	1 1/2	8 13/16	10 3/8	3/16	36 15/16	37 1/16	56	256T
22 1/4	22 1/4	1 7/16	1 11/16	3/8x3/16	3/8x3/16	23 1/2	17	20 3/8	15 1/2	35 7/8	25 11/8	22 5/8	10 7/8	30 9/16	4 1/2	17 3/8	1 1/2	9 9/16	11 3/4	0	39 5/8	38 7/8	56	256T
24 1/2	24 1/2	1 11/16	1 15/16	3/8x3/16	3/8x3/16	26 1/8	18 7/8	22 9/16	17	39 9/16	28 1/8	22 5/8	11 7/8	33 9/16	4 1/2	19 3/8	1 1/2	10 9/16	13 1/4	0	43 7/8	41 1/4	56	256T
27	27	1 11/16	2 3/16	3/8x3/16	1/2x1/4	28 3/4	20 3/4	24 13/16	18 1/2	43 5/16	30 5/8	27 3/8	12 7/8	34 9/16	4 1/2	21 5/16	1 1/2	11 17/32	14 3/4	1/4	48 1/8	43 5/8	56	256T
30	30	1 15/16	2 3/16	1/2x1/4	1/2x1/4	31 3/4	22 7/8	27 1/4	20 1/4	47 1/2	33 13/16	30 1/2	14 1/2	38	4 1/2	23 1/2	2	12 7/8	16 1/2	1/16	53 3/8	46 3/4	56	256T
33	33	1 15/16	2 3/16	1/2x1/4	1/2x1/4	35	25 5/8	30 1/4	22 1/4	52 1/2	37	33 11/16	15 3/4	39 15/16	5	26 1/2	2	14 3/16	18 1/2	1/4	59	49 15/16	56	256T
36 1/2	36 1/2	2 3/16	2 3/16	1/2x1/4	1/2x1/4	38 11/16	27 5/8	33 3/16	24 1/2	57 11/16	40 3/8	36 7/8	17 1/16	43 1/4	5	28 3/4	2	15 1/2	20 3/4	1/8	64 1/2	53 1/8	56	256T

ITEM NO.	MOTOR DATA						SPECIAL FEATURES
	HP	RPM	CURRENT	FRAME	TYPE	MTR.POS.	



- ## SPECIAL FEATURES
- | | |
|--|--|
| 1. CLEAN-OUT DOOR:
A. QUICK CLAMP TYPE
B. ROUND PLUG TYPE. | 9. MOUNTING MOTOR & DRIVE.
10. OSSHA BELT GUARD. |
| 2. FLANGED INLET
A. PUNCHED.
B. UNPUNCHED | 11. COOLING WHEEL & GUARD.
12. OSSHA BEARING AND SHAFT GUARD. |
| 3. HOUSING DRAIN UNIVERSAL | 13. EXTENDED GREASE TUBE FITTING. |
| 4. SHAFT SEAL. | 14. INLET VOLUME CONTROL. |
| 5. OUTLET DAMPER CONTROL | 15. FLANGE OUTLET- PUNCHED: |
| 6. INLET SCREEN. | 16. TYPE "T" VIBRATION BASE
A. RUBBER IN SHEAR B. SPRING |
| 7. SPARK RESISTANT
CONSTRUCTION TYPE "C". | 17. H.D. OUTLET GUARD |
| 8. SPECIAL PAINT | 18. SLIP FIT INLET |
| | 19. SHAFT FLASHING |

- DRIVES SUPPLIED BY CUSTOMER ☐ S.E. ☐

- MOTOR SUPPLIED BY CUSTOMER ☐ S.E. ☐

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