

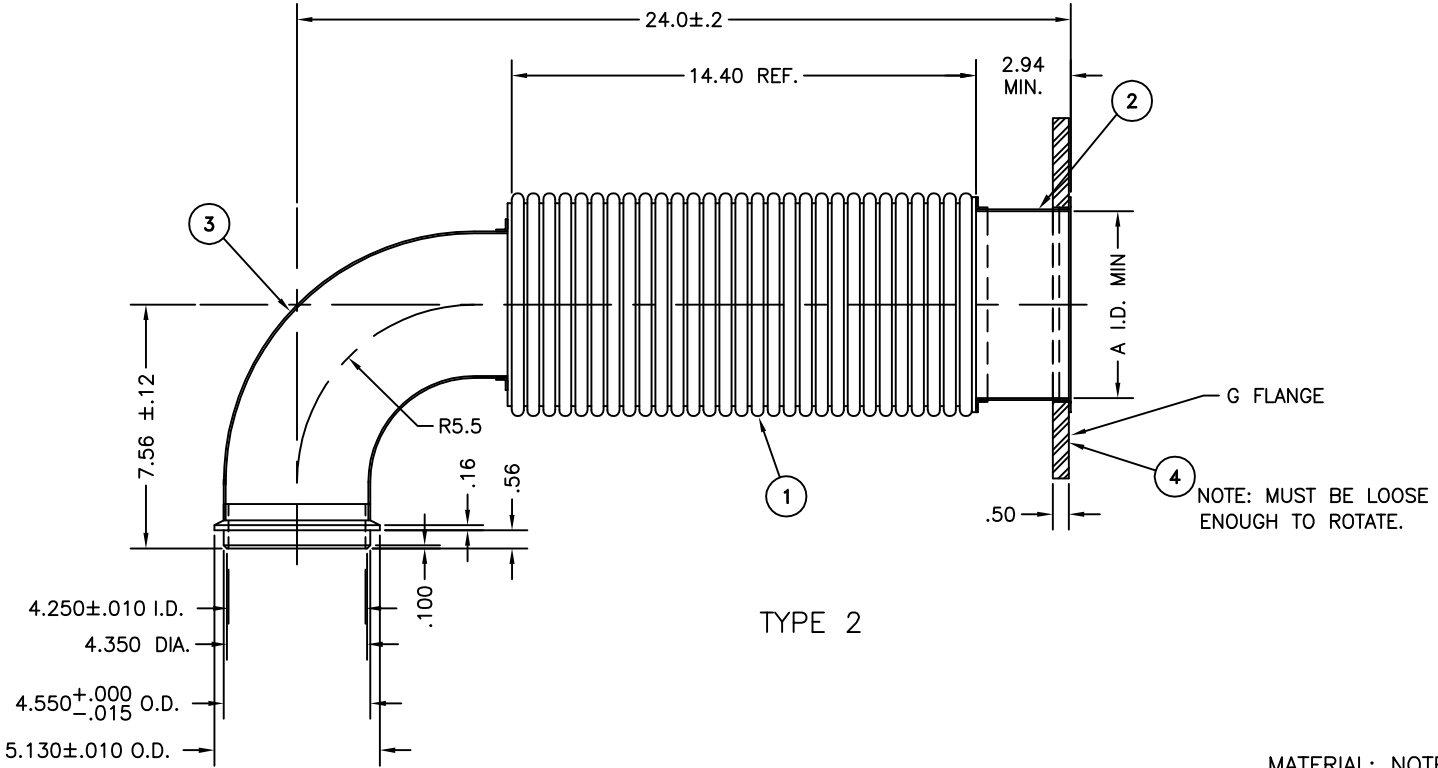
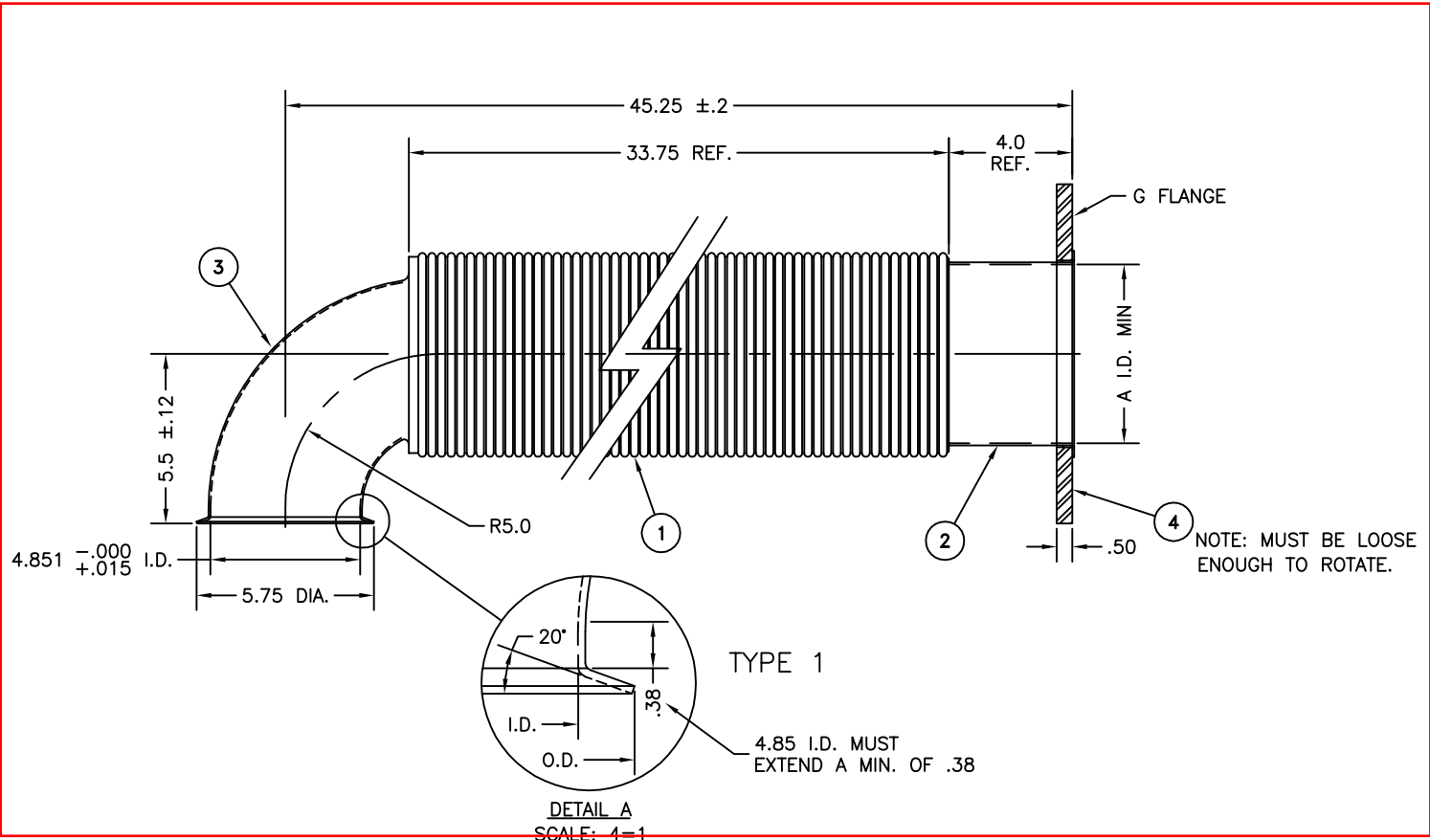
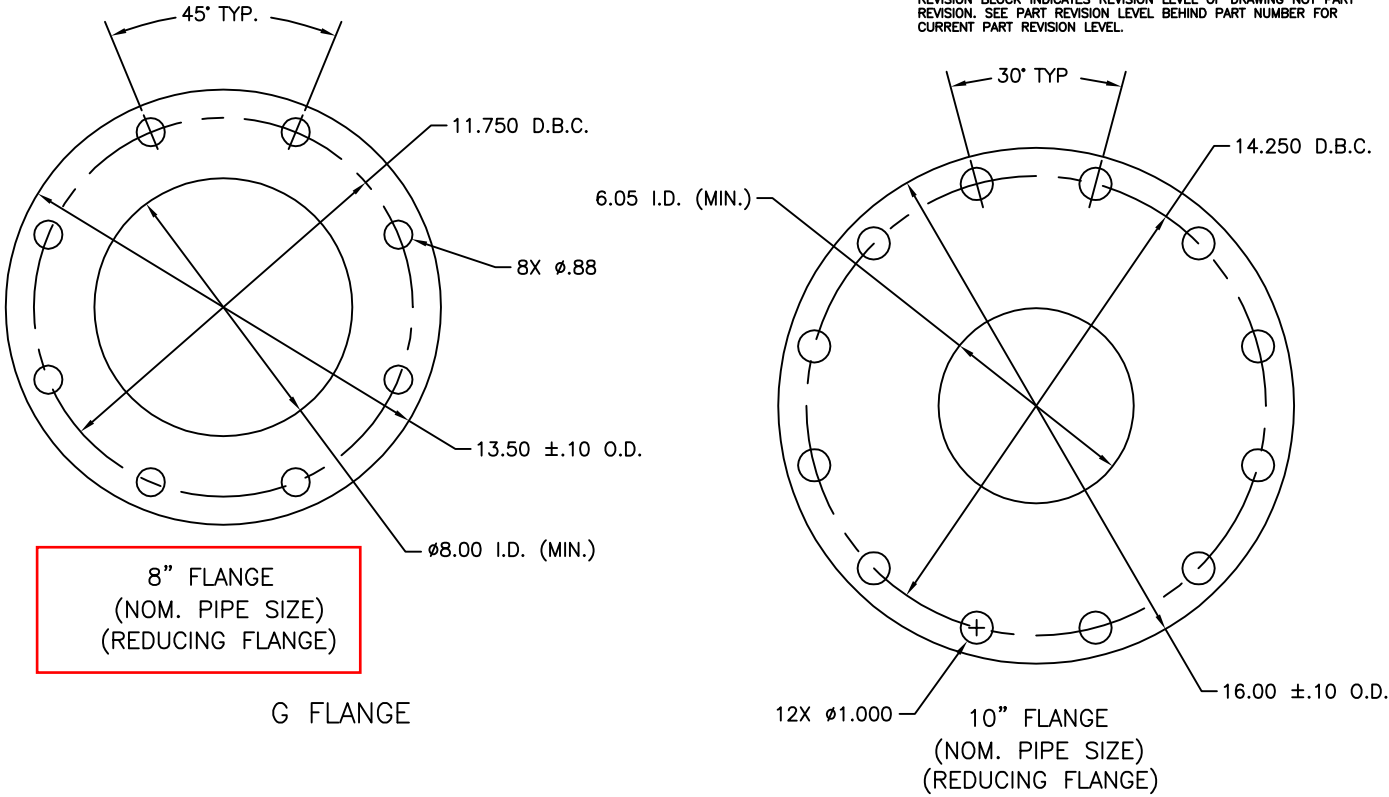
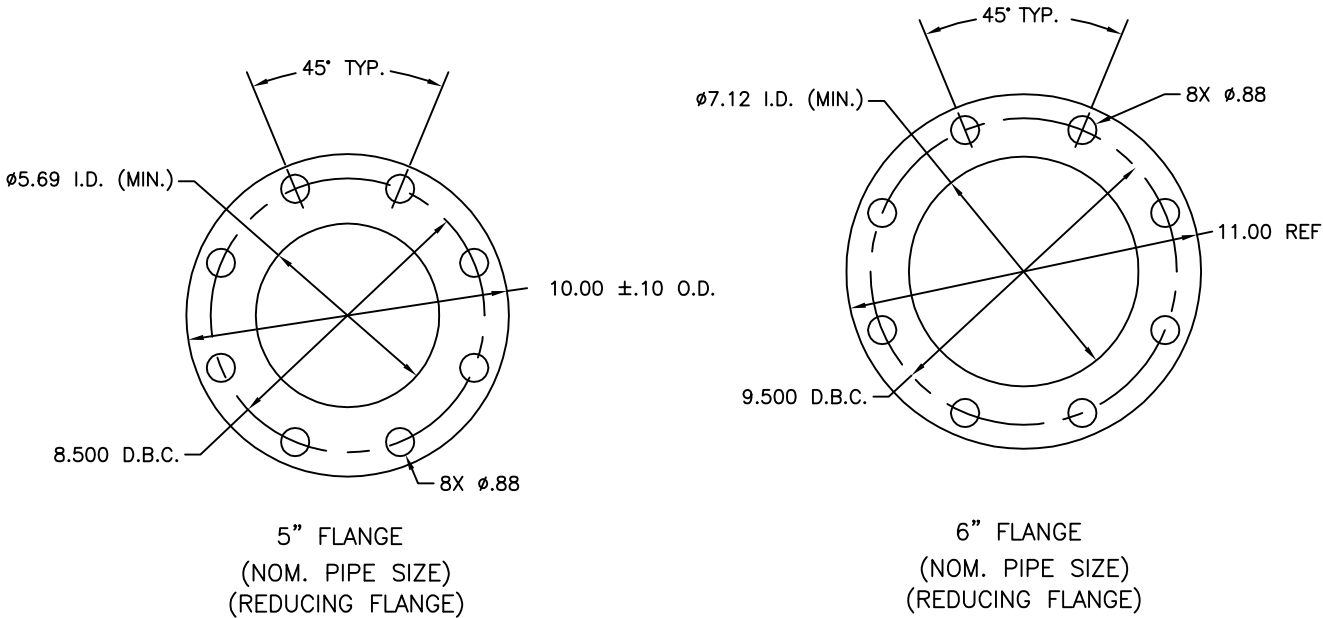
350 MODEL 60 HZ
4M4019, 4M4021, 5M4027, 4M4266, 5M4272
400 MODEL 60 HZ
4M4021, 5M4027, 5M4028, 4M4266, 5M4272
500 MODEL 60 HZ
5M4024, 5M4027, 5M4028, 5M4270, 5M4272
RECONN. & 600V ALTERNATORS
JOHN DEERE 6135HF, TIER III

REV	DATE	ON COMPOSITE DWGS. SEE PART NO. FOR REVISION LEVEL	BY	UNLESS OTHERWISE SPECIFIED - 1) DIMENSIONS ARE IN MILLIMETERS 2) TOLERANCES ARE:	TITLE
-	12-17-10	NEW DRAWING [90647-3]	DJV	X.XX ± X.X ± X ANGLES ±	KOHLER CO. METRIC PRO-E POWER SYSTEMS, KOHLER, WI 53044 U.S.A. THIS DRAWING IN DESIGN AND DETAIL IS KOHLER CO. PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH KOHLER CO. WORK. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.
A	6-13-11	(A-4) MODEL NOTE UPDATED; (B-7) 1051 [41.4] WAS 1045 [41.1], 107 [4.2] WAS 105 [4.1]; (B-1) 884 [34.8] WAS 889 [35.0] [91640]	DJV	THIRD ANGLE PROJECTION	DIMENSION PRINT, 350-500 REOZJ ACCESSORY
B	1-10-12	(B-7) 1072 [42.2] WAS 1051 [41.4]; VIEWS UPDATED [CT03561]	DJV	APPROVALS DRAWN DJV 12-17-10 CHECKED DJV 12-17-10 APPROVED JDZ 12-17-10	SCALE 0.09 CAD NO. SHEET 1 of 1 DWG NO. ADV-7917

PART NO.	REV	TYPE	A I.D. MIN.	G FLANGE (NOM. PIPE SIZE)
343605	M	1	6"	6"
343606	M	1	6"	8"
361106	K	2	5.8	6"
361109	K	2	5.8	8"
361111	K	2	5.8	10"
343769	N	1	5"	5"

REV	DATE	REVISION	BY	APP
K	4-9-02	(D-8) 361106, 361109, 361111 VOIDED; [66634]	BTW	
L	4-20-04	(D-8) 6" WAS 5.8, 5" WAS 4.8 & (A-8) ITEM 1: 4", 5" OR 6" WAS 4" OR 5" & .018 MIN ADDED [71957]	RLD	
M	4-24-06	(D-6) 7.12 I.D. (MIN.) WAS #6.227/6.050 I.D.; (C-3) 8.00 ID. (MIN.) WAS 6.05 I.D. (MIN.); (B-5) 4.0 REF. WAS 4.0 [78096]	RLD	
N	8-24-09	(D-8) 343769 VOIDED [86818-1]	SAM	

REVISION BLOCK INDICATES REVISION LEVEL OF DRAWING NOT PART REVISION. SEE PART REVISION LEVEL BEHIND PART NUMBER FOR CURRENT PART REVISION LEVEL.



ITEM	QTY.	DESCRIPTION	TYPE 1	TYPE 2
4	1	ASME SA36 OR BETTER STEEL FLANGE		ASME SA36 OR BETTER STEEL FLANGE
3	1	CARBON STEEL ELBOW		CARBON STEEL ELBOW
2	1	CARBON STEEL TUBE (.065 WALL THICKNESS)		CARBON STEEL TUBE (.065 WALL THICKNESS)
1	1	4", 5", OR 6" T-321 (.018 MIN) STAINLESS STL. EXHAUST FLEX.		6" T-321 (.018 MIN) STAINLESS STL. EXHAUST FLEX.

UNLESS OTHERWISE SPECIFIED - 1) DIMENSIONS ARE IN INCHES 2) TOLERANCES AND 3) SURFACE FINISH X ± .030 X ± .080 FRACTIONS ±		KOHLER CO. POWER SYSTEMS, KOHLER, WI 53044 U.S.A. THIS DRAWING, IN DESIGN AND DETAIL, IS KOHLER CO. PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH KOHLER CO. WORK. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.	
APPROVALS DRAWN LRH CHECKED CF APPROVED CF		DATE 2-17-98 2-20-98 2-20-98	
INDUSTRIAL		MATERIAL: NOTED	
SCALE 3/8		SHEET 1-1	
PLOTED		DWG. NO. 343605	

INDUSTRIAL										
PART NO.	REV.	A NOM. PIPE SIZE	B DIA. NOM.	±13 C [.5]	±8 D [.31]	E	F	G NOM. PIPE SIZE	NOM.* EXHAUST FLOW M ³ /S [FT ³ /M]	WEIGHT (APPROX.) KGS. [LBS.]
343615	P	6	358 [14.1]	876 [34.5]	102 [4.0]	173 [6.8]	0.0	6	1.2 [2543]	45 [100]
354923	P	8	460 [18.1]	1351 [53.2]	102 [4.0]	234 [9.2]	0.0	8	2.1 [4450]	56 [124]
354928	P	10	561 [22.1]	1379 [54.3]	102 [4.0]	312 [12.3]	0.0	10	3.3 [6992]	N/A
354934	P	12	561 [22.1]	1760 [69.3]	102 [4.0]	363 [14.3]	0.0	12	4.7 [9959]	624 [1375]
361104	K	14	917 [36.1]	1875 [73.8]	102 [4.0]	389 [15.3]	0.0	14	6.4 [13561]	298 [656]
361652	P	14	762 [30.0]	1880 [74.0]	102 [4.0]	381 [15.0]	0.0	14	6.3 [13349]	215 [475]
361653	P	14	660 [26.0]	1524 [60.0]	102 [4.0]	330 [13.0]	0.0	14	6.3 [13349]	181 [400]
361657	P	14	914 [36.0]	2184 [86.0]	102 [4.0]	432 [17.0]	0.0	16	7.8 [16527]	N/A

RESIDENTIAL										
PART NO.	REV.	A NOM. PIPE SIZE	B DIA. NOM.	±13 C [.5]	±8 D [.31]	E	F	G NOM. PIPE SIZE	NOM.* EXHAUST FLOW M ³ /S [FT ³ /M]	WEIGHT (APPROX.) KGS. [LBS.]
354877	R	5	358 [14.1]	1204 [47.4]	102 [4.0]	147 [5.8]	0.0	5	.7 [1483]	36 [80]
365301	P	5	358 [14.1]	1204 [47.4]	102 [4.0]	147 [5.8]	0.0	5	.7 [1483]	N/A
365302	P	6	358 [14.1]	1560 [61.4]	102 [4.0]	170 [6.7]	0.0	6	1.0 [2119]	31 [69]
354868	P	6	358 [14.1]	1560 [61.4]	102 [4.0]	170 [6.7]	76 [3.0]	6	1.0 [2119]	43 [95]
354870	T	8	561 [22.1]	1524 [60.0]	102 [4.0]	279 [11.0]	0.0	8	1.7 [3602]	90 [198]
354872	P	10	561 [22.1]	2235 [88.0]	102 [4.0]	279 [11.0]	0.0	10	2.7 [5721]	109 [240]
354874	P	12	663 [26.1]	2108 [83.0]	102 [4.0]	318 [12.5]	0.0	12	3.9 [8264]	138 [305]
361122	K	14	762 [30.0]	2997 [118.0]	102 [4.0]	508 [20.0]	0.0	14	5.4 [11442]	N/A
361650	R	14	762 [30.0]	2489 [98.0]	102 [4.0]	381 [15.0]	0.0	14	6.3 [13349]	279 [615]
361651	P	14	661 [26.0]	1854 [73.0]	102 [4.0]	330 [13.0]	0.0	14	6.3 [13349]	N/A
361656	P	14	914 [36.0]	2870 [113.0]	102 [4.0]	508 [20.0]	0.0	16	7.8 [16527]	N/A

CRITICAL										
PART NO.	REV.	A NOM. PIPE SIZE	B DIA. NOM.	±13 C [.5]	±8 D [.31]	E	F	G NOM. PIPE SIZE	NOM.* EXHAUST FLOW M ³ /S [FT ³ /M]	WEIGHT (APPROX.) KGS. [LBS.]
354869	P	6	409 [16.1]	1941 [76.4]	102 [4.0]	165 [6.5]	79 [3.1]	6	.8 [1695]	59 [130]
365303	P	6	409 [16.1]	1941 [76.4]	102 [4.0]	165 [6.5]	0.0	6	.8 [1695]	73 [160]
354871	P	8	561 [22.1]	2083 [82.0]	102 [4.0]	279 [11.0]	0.0	8	1.5 [3178]	98 [215]
354876	K	8	561 [22.1]	2083 [82.0]	102 [4.0]	991 [39.0]	0.0	8	1.5 [3178]	100 [220]
354873	P	10	663 [26.1]	2108 [83.0]	102 [4.0]	318 [12.5]	0.0	10	2.4 [5085]	163 [360]
354875	P	12	762 [30.0]	2743 [108.0]	102 [4.0]	356 [14.0]	0.0	12	3.4 [7204]	370 [815]
361123	K	14	762 [30.0]	3302 [130.0]	102 [4.0]	584 [23.0]	0.0	14	4.6 [9747]	N/A
361647	S	14	914 [36.0]	2489 [98.0]	102 [4.0]	330 [13.0]	0.0	14	6.3 [13349]	370 [815]
361658	P	14	914 [36.0]	3404 [134.0]	102 [4.0]	1016 [40.0]	0.0	14	6.3 [13349]	426 [940]
361659	P	14	1067 [42.0]	3480 [137.0]	102 [4.0]	762 [30.0]	0.0	16	7.8 [16527]	513 [1130]
GM30323	P	20	1219 [48.0]	4115 [162.0]	127 [5.0]	762 [30.0]	0.0	20	13.2 [28058]	753 [1160]
GM30568	P	18	1219 [48.0]	3505 [138.0]	127 [5.0]	762 [30.0]	0.0	18	10.7 [22730]	671 [1480]
GM48836	P	14	1219 [48.0]	3505 [138.0]	127 [5.0]	762 [30.0]	0.0	18	10.7 [22730]	671 [1480]

HOSPITAL										
PART NO.	REV.	A NOM. PIPE SIZE	B DIA. NOM.	±13 C [.5]	±8 D [.31]	E	F	G NOM. PIPE SIZE	NOM.* EXHAUST FLOW M ³ /S [FT ³ /M]	WEIGHT (APPROX.) KGS. [LBS.]
365260	P	6	610 [24.0]	1829 [72.0]	102 [4.0]	508 [20.0]	0.0	6	.8 [1695]	138 [305]
354924	P	8	663 [26.1]	2426 [95.5]	102 [4.0]	277 [10.9]	0.0	8	1.4 [2966]	206 [455]
354926	P	10	765 [30.1]	2753 [108.4]	102 [4.0]	315 [12.4]	0.0	10	2.2 [4662]	365 [805]
354931	P	12	917 [36.1]	3399 [133.8]	102 [4.0]	363 [14.3]	0.0	12	3.2 [6780]	624 [1375]
354935	K	16	1227 [48.3]	4077 [160.5]	102 [4.0]	432 [17.0]	0.0	16	5.7 [12078]	624 [1375]
361105	K	18	1379 [54.3]	4567 [179.8]	102 [4.0]	554 [21.8]	0.0	18	7.1 [15044]	1150 [2535]
361648	P	14	1075 [42.3]	4013 [158.0]	102 [4.0]	415 [16.3]	0.0	14	4.7 [9959]	942 [2077]
361649	S	14	914 [36.0]	3404 [134.0]	102 [4.0]	1143 [45.0]	0.0	14	5.5 [11654]	N/A
361654	P	14	1143 [45.0]	4064 [160.0]	114 [4.5]	1448 [57.0]	0.0	16	7.2 [15256]	N/A
361655	P	14	1219 [48.0]	4420 [174.0]	102 [4.0]	1422 [56.0]	0.0	18	9.1 [19282]	1284 [2830]
GM30324	P	20	1372 [54.0]	4470 [176.0]	127 [5.0]	1422 [56.0]	0.0	20	11.3 [23930]	1515 [3340]
GM30569	P	18	1219 [48.0]	4420 [174.0]	127 [5.0]	1422 [56.0]	0.0	18	9.1 [192340]	1150 [2535]

NOTE: *
NOMINAL EXHAUST FLOW IS DEFINED
AS THE FLOW WHICH WILL RESULT IN
NO MORE THAN 3.7 KPa (15 INCHES
OF WATER PRESSURE) DROP
THROUGH THE SILENCER, ASSUMING
538°C (1000°F) EXHAUST TEMP.

NOTE: SECOND DRAIN AND IT'S LOCATION IS
OPTIONAL AND AT THE VENDORS DISCRETION.

ANSI B16.5 CLASS
150 FLANGE DIMENSIONS

NOMINAL PIPE SIZE	H	J	K	L
5	45"	215.90 [8.500]	254.0 [10.00]	8 X Ø22.23 [.875]
6	45"	241.30 [9.500]	279.4 [11.00]	8 X Ø22.23 [.875]
8	45"	298.45 [11.750]	342.9 [13.50]	8 X Ø22.23 [.875]
10	30"	361.95 [14.250]	406.4 [16.00]	12 X Ø25.40 [1.000]
12	30"	431.80 [17.000]	482.6 [19.00]	12 X Ø25.40 [1.000]
14	30"	476.25 [18.750]	533.4 [21.00]	12 X Ø28.58 [1.125]
16	22.5"	539.75 [21.250]	596.9 [23.50]	16 X Ø28.58 [1.125]
18	22.5"	577.85 [22.750]	635.0 [25.00]	16 X Ø31.75 [1.250]
20	18"	635.00 [25.000]	698.5 [27.50]	20 X Ø31.75 [1.250]

NOTE:
SILENCER IS TO BE SUPPLIED PACKED SEPARATELY
ON A WOODEN SKID, SUITABLE FOR INDIVIDUAL
RESHIPMENT OF SILENCER.

FINISH: HIGH TEMP BLACK

DIMENSIONS IN [] ARE ENGLISH EQUIVALENTS.

METRIC CAD FILE

UNLESS OTHERWISE SPECIFIED -
1) DIMENSIONS ARE IN MILLIMETERS
2) TOLERANCES ARE:
XX.X ± 0.25
X.X ± 1.0
X ± 1.5
ANGLES ± 0°30'

SURFACE FINISH
✓ MAX.

THIRD ANGLE PROJECTION

APPROVALS
DRAWN LRH
CHECKED CF
APPROVED CF

DATE
2-17-98
2-20-98
2-20-98

SCALE 0.19 XP
Dwg. No.
343615-CMP

TITLE
SILENCER, FLANGED SIEO

SHEET 1-1
PLOT DATE

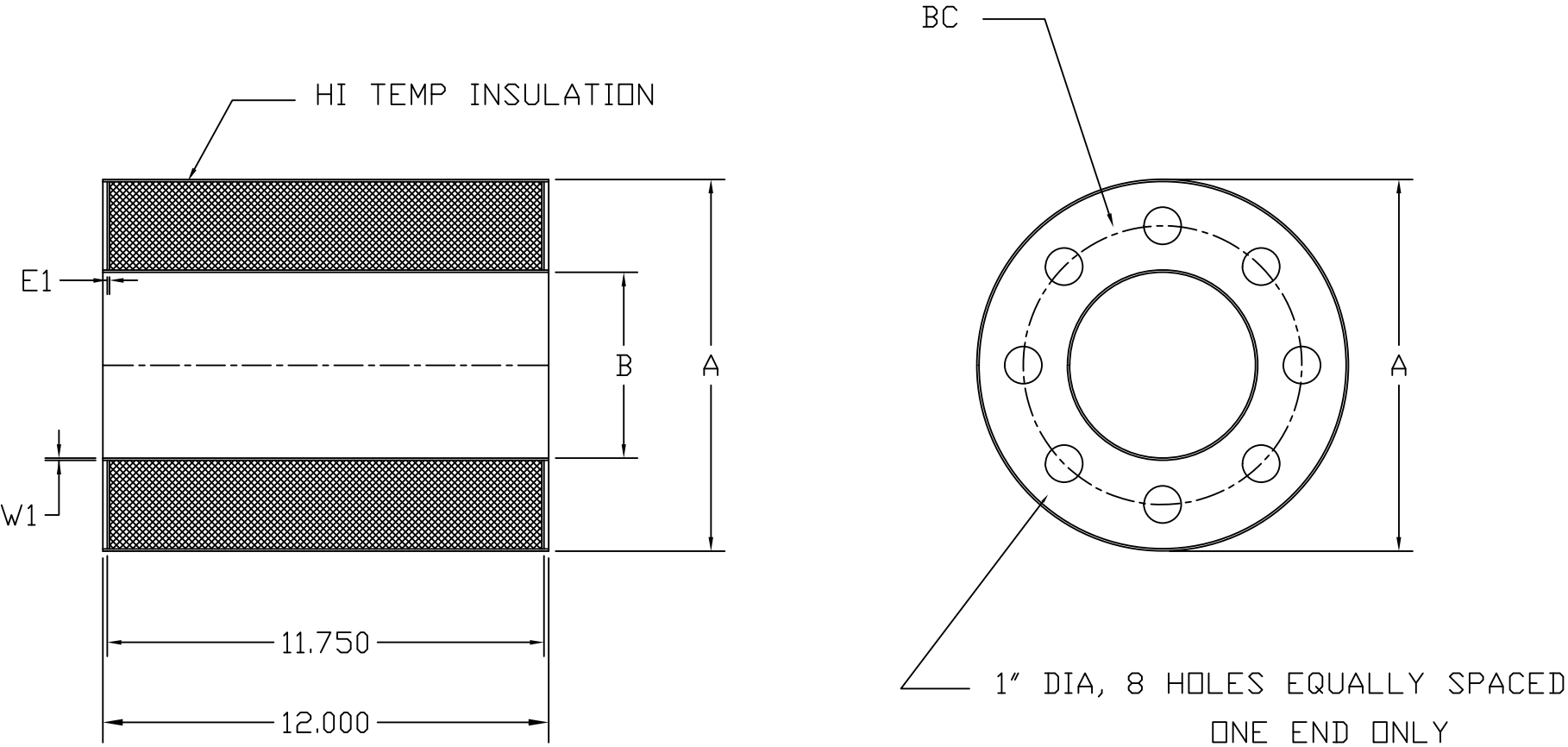
POWER SYSTEMS, KOHLER, WI 53044, U.S.A.
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MUST NOT BE USED EXCEPT IN CONNECTION WITH KOHLER CO. WORK.
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BY
SAM
SAM
SAM
SAM
SRM

NOTES:

1-SPECIFY MODEL AND MATERIAL:
STAINLESS STEEL = SS. 18ga.*

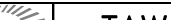
2-VENT HOLES FACE THE HEAT SOURCE.
INSIDE DIMENTION "B" ALLOWS SCHEDULE 40
PIPE TO PASS THROUGH WITHOUT CONTACT.



*18 ga. STAINLESS STEEL
EXHAUST THIMBLES

PIPE SIZE	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"
THIMBLE MODEL NO.	44	45	46	48	50	52	54	56	58	60
A	10"	12"	16"	20"	20"	22"	24"	24"	26"	28"
B	5"	6"	8"	10"	12"	14"	16"	18"	20"	22"
BC	7.5"	9"	12"	15"	16"	18"	20"	21"	23"	25"
W-1	16ga	16ga	16ga	16ga	16ga	16ga	16ga	16ga	16ga	16ga
E-1	16ga	16ga	16ga	16ga	16ga	16ga	16ga	16ga	16ga	16ga

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REVISION	DESCRIPTION	TAW POWER SYSTEMS		TAW Power Systems A Division of Tampa Armature Works, Inc. Tampa, Florida			
DRAWN							
DATE							
A	DESCRIPTION		SCALE	DRAWN	CHECKED	APPROVED	REV
JS			DRAWING SIZE	DRAWING NO			A
DATE							