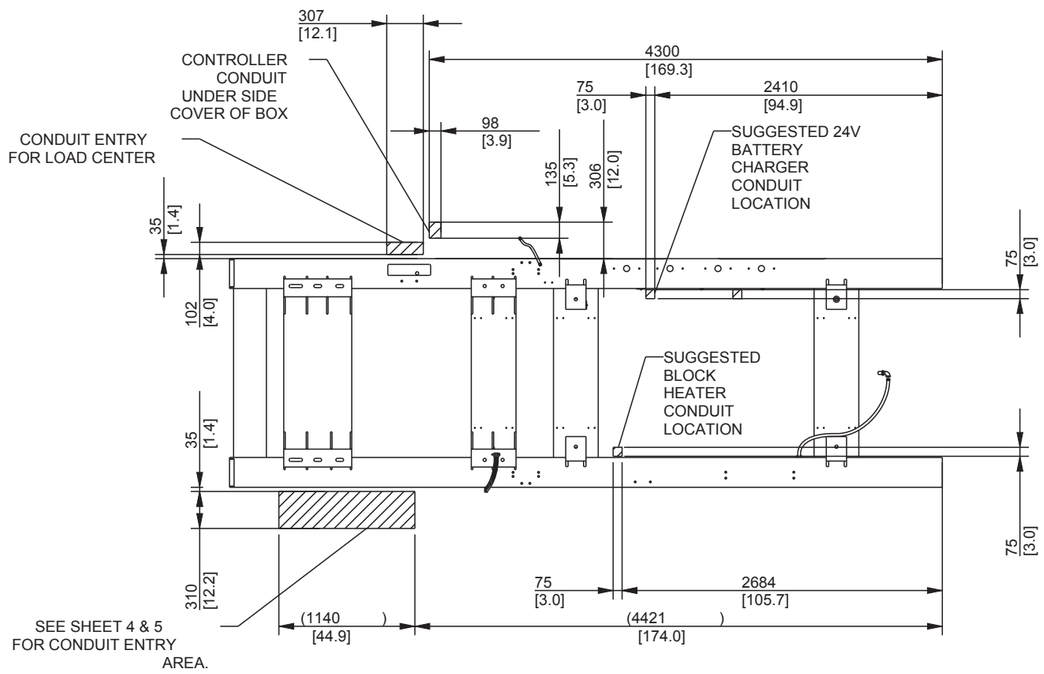
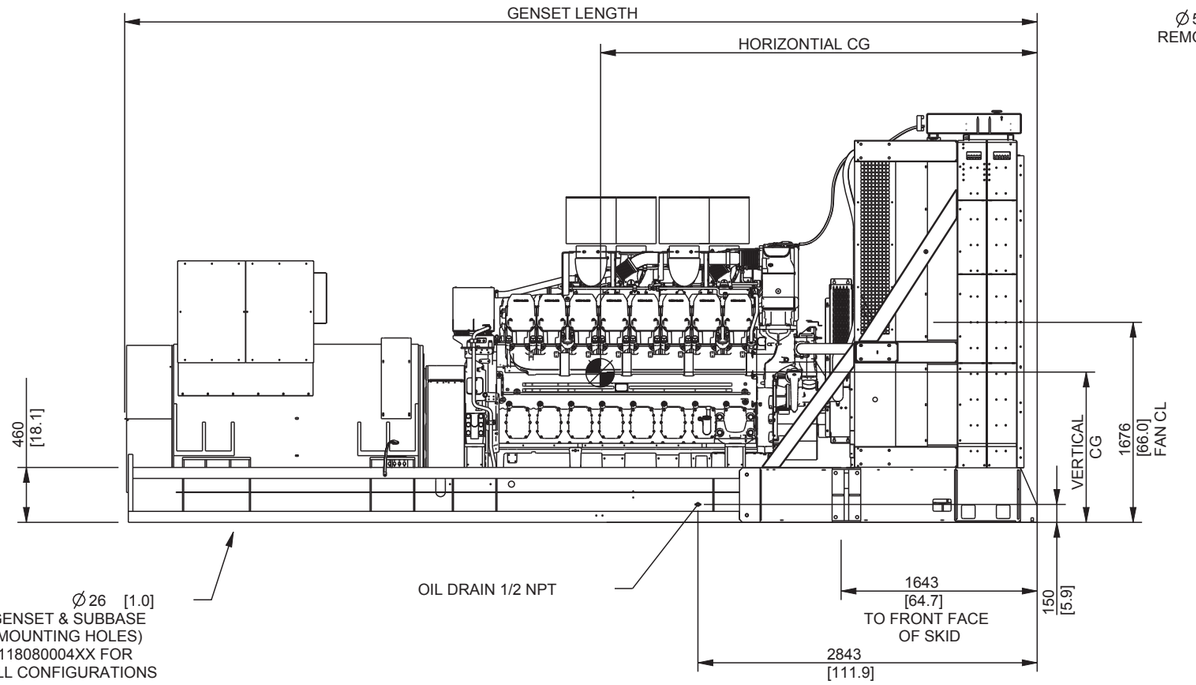
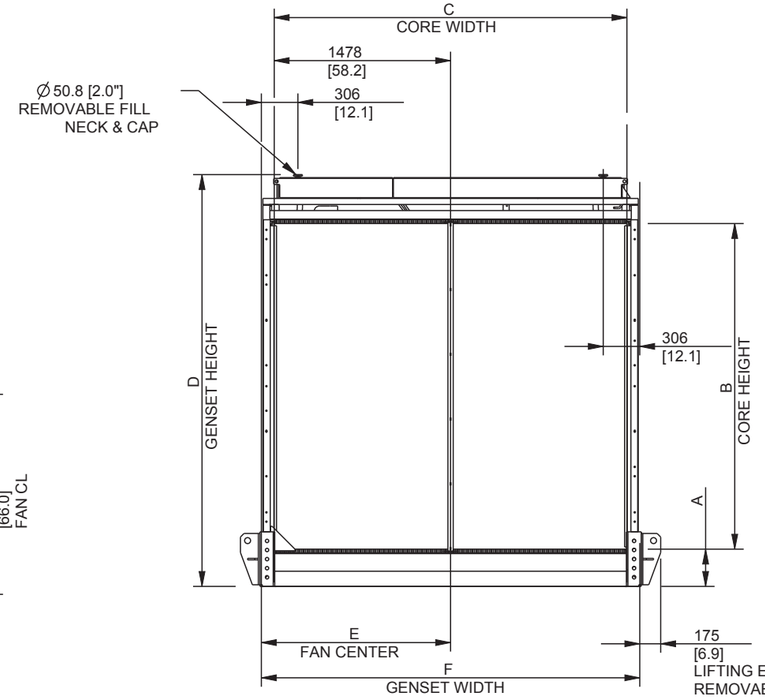
MODEL	ALTERNATOR	GENSET MAXIMUM WEIGHT (WET) KG [LB]	HORIZONTAL CG (WET) MM [IN]	VERTICAL CG (WET) MM [IN]	GENSET LENGTH MM [IN]
2800	KH07770TO4D	27187 [59960]	3437 [135.3]	923 [36.4]	7330 [288.6]
2800	KH09270TO4D	30014 [66195]	3730 [146.9]	836 [32.9]	7648 [301.1]
2800, 3000	KH08430TO4D	27458 [60558]	3465 [136.4]	984 [38.7]	7330 [288.6]
2800, 3000	KH06670TO4D	30249 [66713]	3754 [147.8]	830 [32.7]	7648 [301.1]
2800, 3000, 3250	KH07631TO4D	31126 [68647]	3844 [151.3]	807 [31.8]	7648 [301.1]
2800, 3000, 3250	KH07632TO4D	31819 [70177]	3896 [153.4]	789 [31.1]	7648 [301.1]
2800, 3000, 3250	KH09370TO4D	32513 [71707]	3956 [155.7]	1073 [42.3]	7648 [301.1]

RADIATOR DIMENSIONS						
MODEL	A	B	C	D	E	F
ALL KD2800-3250 RADIATORS	312.0 [12.28]	2728.7 [107.43]	2955.8 [116.37]	3451.0 [135.8]	1585.7 [62.43]	3171.5 [124.86]
~~KD2800-F, KD3000-F, KD3250-F 60HZ,FUEL OPT. PRIME~~	~~312.0 [12.28]~~	~~2728.7 [107.43]~~	~~2955.8 [116.37]~~	~~3451.0 [135.8]~~	~~1585.7 [62.43]~~	~~3171.5 [124.86]~~
~~KD2800-F, KD3000-F,KD3250-F 60HZ, FUEL OPT. STANDBY~~	~~312.0 [12.28]~~	~~2728.7 [107.43]~~	~~2955.8 [116.37]~~	~~3451.0 [135.8]~~	~~1585.7 [62.43]~~	~~3171.5 [124.86]~~
~~KD2800-YF, KD3000-YF, KD3250-YF 50HZ, FUEL OPT. STANDBY~~	~~312.0 [12.28]~~	~~2728.7 [107.43]~~	~~2955.8 [116.37]~~	~~3451.0 [135.8]~~	~~1585.7 [62.43]~~	~~3171.5 [124.86]~~
~~KD2800-YF, KD3000-YF, KD3250-YF 50HZ, FUEL OPT. PRIME~~	~~312.0 [12.28]~~	~~2728.7 [107.43]~~	~~2955.8 [116.37]~~	~~3451.0 [135.8]~~	~~1585.7 [62.43]~~	~~3171.5 [124.86]~~







NOTES:
1) DIMENSIONS IN [ ] ARE ENGLISH EQUIVALENTS.

2) IF IBC OR OSHPD CERTIFICATION IS REQUIRED SEE SEISMIC ADV FOR INSTALLATION INSTRUCTIONS.

3) DUCT FLANGE STANDARD WITH RADIATOR

REV	DATE	ON COMPOSITE DWGS, SEE PART NO. FOR REVISION LEVEL	BY
-	10-4-17	NEW DRAWING [CT178634]	BGW
A	12-12-17	SEE SHEETS 3, 5, AND 8 [CT182319]	RRT
B	11-29-18	SEE SHEET 3 [CT192176]	ADP
C	4-12-19	(C-3,4) REDUNDANT RADIATOR LINES REMOVED	
		[CT194818]	SUD

DO NOT SCALE. REFERENCE THE MODEL FOR ALL UNSPECIFIED DIMENSIONS

UNLESS OTHERWISE SPECIFIED:
ALL DIMENSIONS IN MILLIMETERS
GENERAL TOLERANCES: N/A

THIRD ANGLE PROJECTION

APPROVALS	DATE
DRAWN BGW	10-4-17
CHECKED DJV	10-4-17
APPROVED TAS	10-4-17

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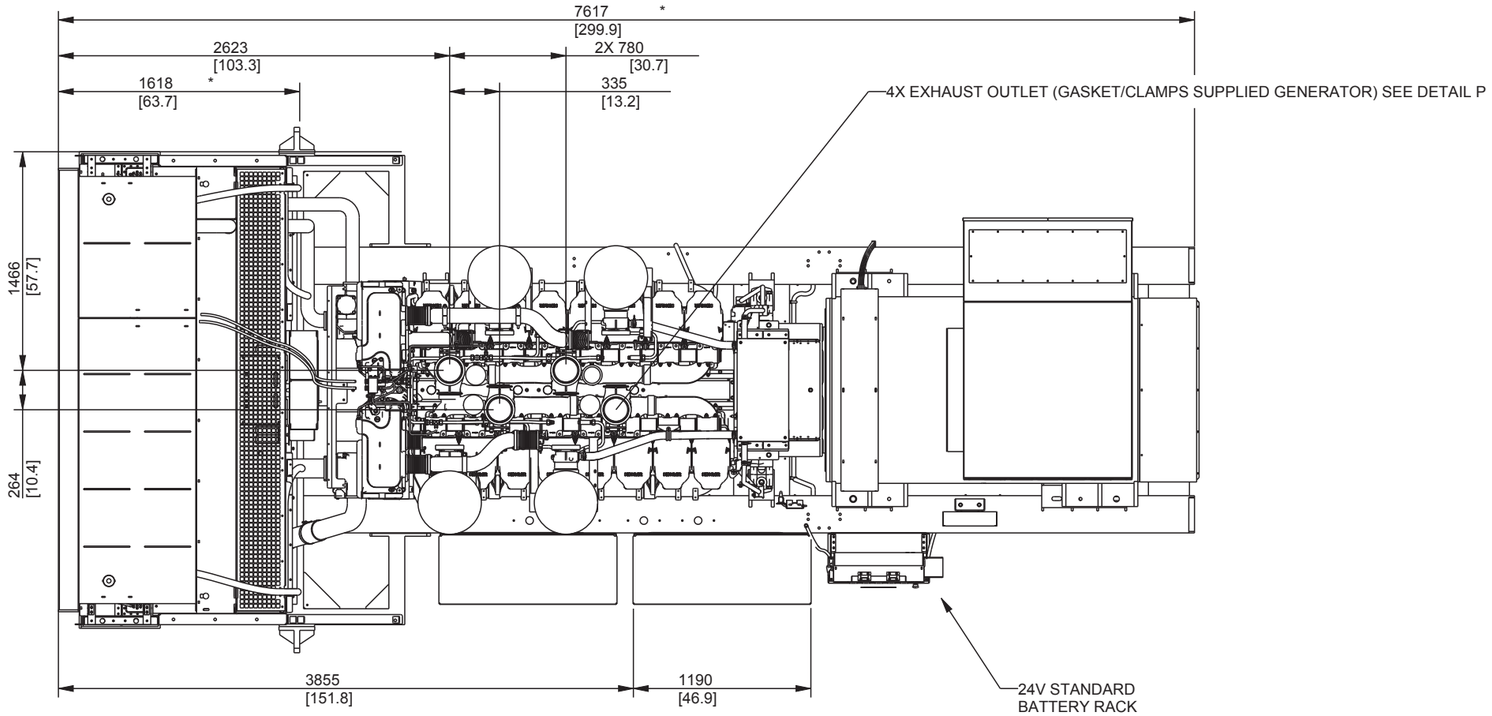
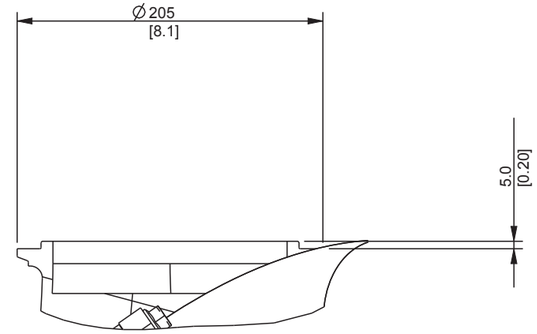
TITLE: DIMENSION PRINT, KD2800-3250

SCALE 0.04 | CAD NO. | SHEET 1 of 8

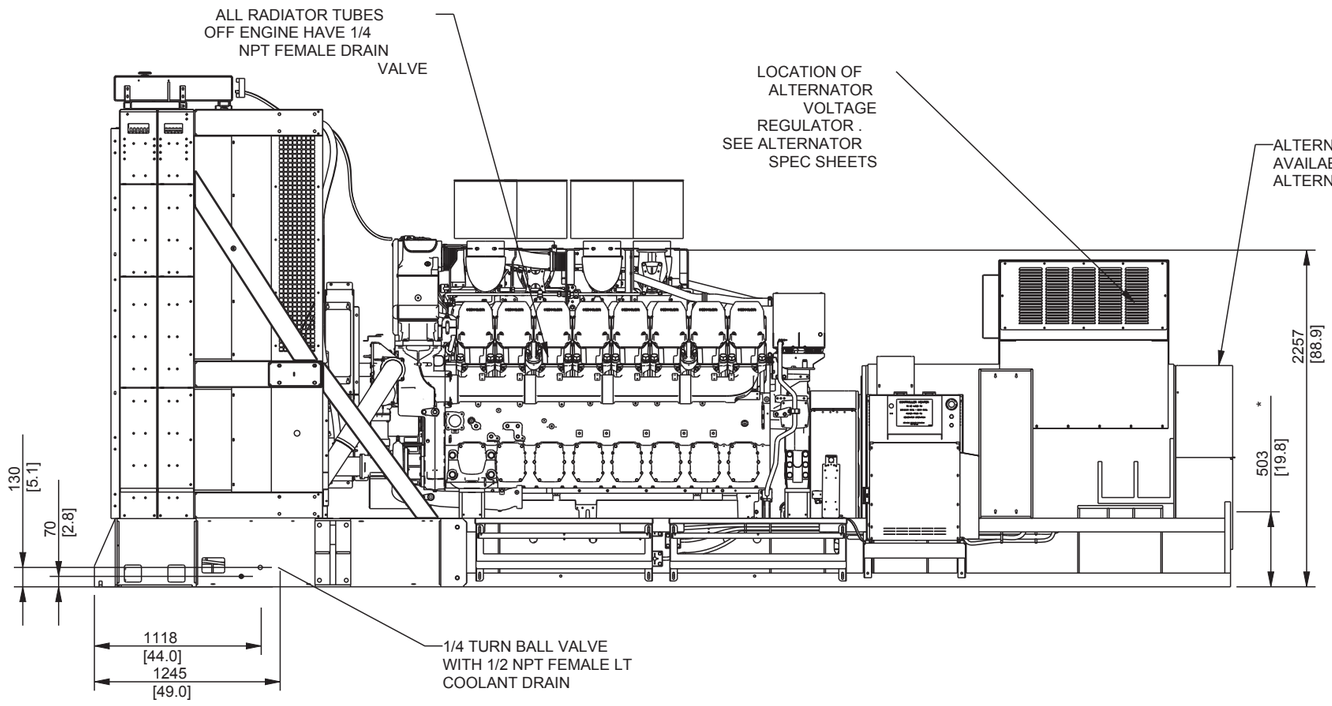
DWG NO. ADV-8955 | D

KD2800, KD3000, KD3250
KD83V16





DETAIL P
SCALE 1.0



*GENERATOR LIFT POINTS
TO BE USED TO LIFT WITH RADIATOR

KD2800, KD3000, KD3250
KD83V16

REV	DATE	ON COMPOSITE DWGS, SEE PART NO. FOR REVISION LEVEL	BY
-	10-4-17	NEW DRAWING [CT178634]	BGW
A	12-12-17	SEE SHEETS 3, 5, AND 8 [CT182319]	RRT
B	11-29-18	SEE SHEET 3 [CT192176]	ADP
C	4-12-19	SEE SHEET 1 [CT194818]	SUD

DO NOT SCALE. REFERENCE THE MODEL FOR ALL UNSPECIFIED DIMENSIONS

UNLESS OTHERWISE SPECIFIED:
ALL DIMENSIONS IN MILLIMETERS
GENERAL TOLERANCES: N/A

THIRD ANGLE PROJECTION

APPROVALS	DATE
DRAWN BGW	10-4-17
CHECKED DJV	10-4-17
APPROVED TAS	10-4-17

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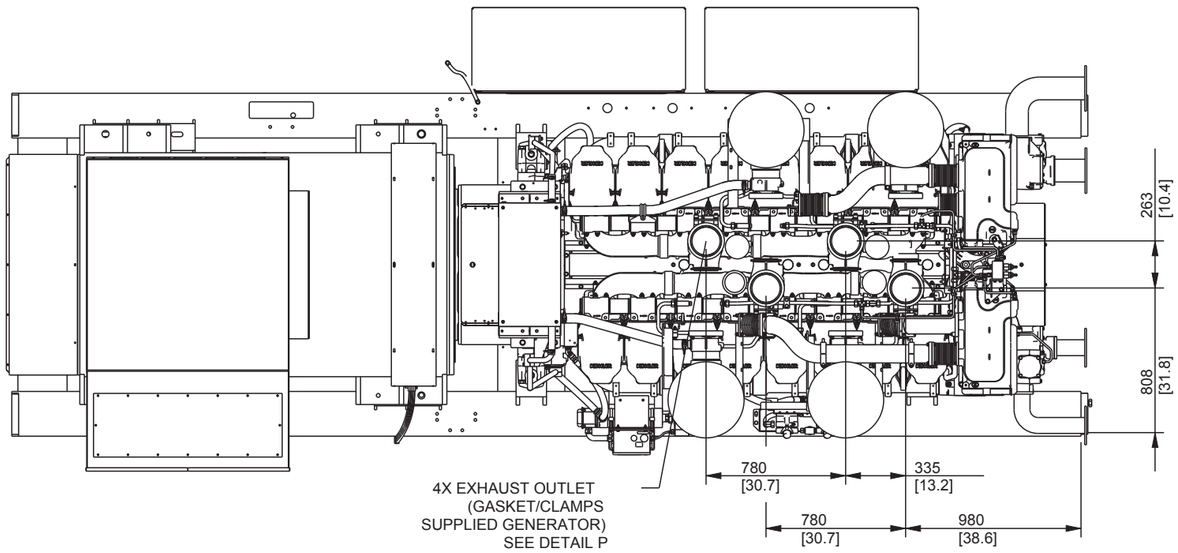
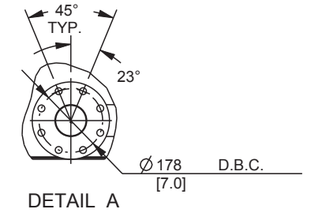
TITLE: DIMENSION PRINT, KD2800-3250

SCALE 0.05 | CAD NO. | SHEET 2 of 8

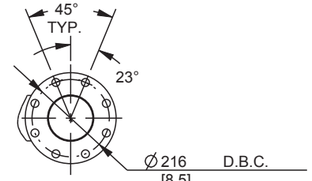
DWG NO. ADV-8955 | D

MODEL	ALTERNATOR	GENSET MAXIMUM WEIGHT (WET) KG [LB]	HORIZONTAL CG (WET) MM [IN]	VERTICAL CG (WET) MM [IN]	GENSET LENGTH
2800	KH07770TO4D	20751 [45767]	2601 [102.4]	755 [29.7]	5687 [223.9]
2800	KH09270TO4D	23579 [52003]	2878 [113.3]	664 [26.1]	6005 [236.4]
2800, 3000	KH08430TO4D	21023 [46365]	2628 [103.5]	821 [32.3]	5687 [223.9]
2800, 3000	KH06670TO4D	23813 [52520]	2901 [114.2]	658 [25.9]	6005 [236.4]
2800, 3000, 3250	KH07631TO4D	24691 [54455]	2986 [117.6]	634 [25]	6005 [236.4]
2800, 3000, 3250	KH07632TO4D	25384 [55985]	3029 [119.3]	617 [24.3]	6005 [236.4]
2800, 3000, 3250	KH09370TO4D	26078 [57514]	3083 [121.4]	977 [38.5]	6005 [236.4]

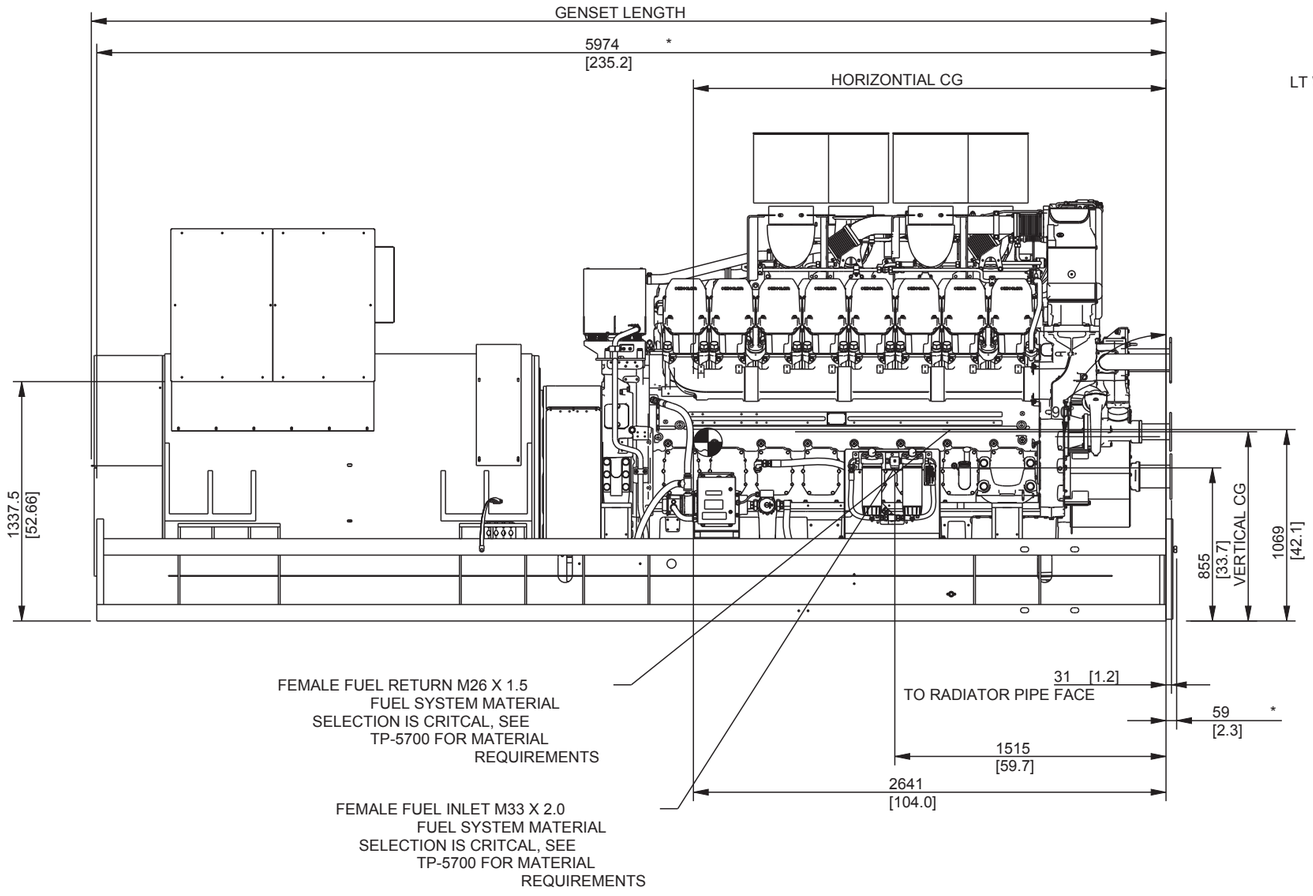


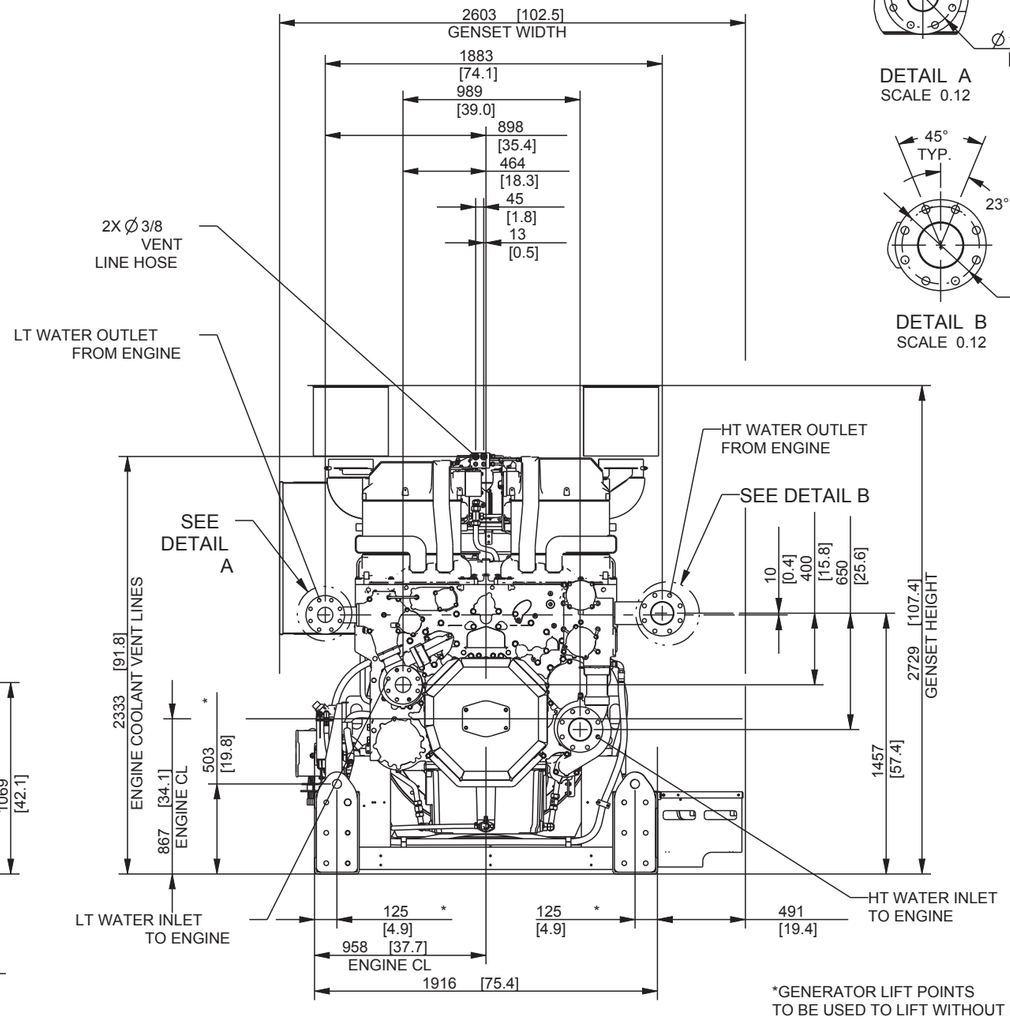


DETAIL A
SCALE 0.12



DETAIL B
SCALE 0.12





*GENERATOR LIFT POINTS TO BE USED TO LIFT WITHOUT RADIATOR

REV	DATE	ON COMPOSITE DWGS, SEE PART NO. FOR REVISION LEVEL	BY
-	10-4-17	NEW DRAWING [CT178634]	BGW
A	12-12-17	(C-7) DIMENSION 4420.5 MM REMOVED; SEE	
		SHEETS 5 AND 8 [CT182319]	RRT
B	11-29-18	(D-5,6,7) TOP VIEW ADDED,EXHAUST OUTLET DIM.	
		ADDED [CT192176]	ADP
C	4-12-19	SEE SHEET 1 [CT194818]	SUD

REMOTE RADIATOR
KD2800, KD3000, KD3250
KD83V16

DO NOT SCALE. REFERENCE THE MODEL FOR ALL UNSPECIFIED DIMENSIONS

UNLESS OTHERWISE SPECIFIED:
ALL DIMENSIONS IN MILLIMETERS
GENERAL TOLERANCES: N/A

THIRD ANGLE PROJECTION

APPROVALS		DATE
DRAWN	BGW	10-4-17
CHECKED	DJV	10-4-17
APPROVED	TAS	10-4-17

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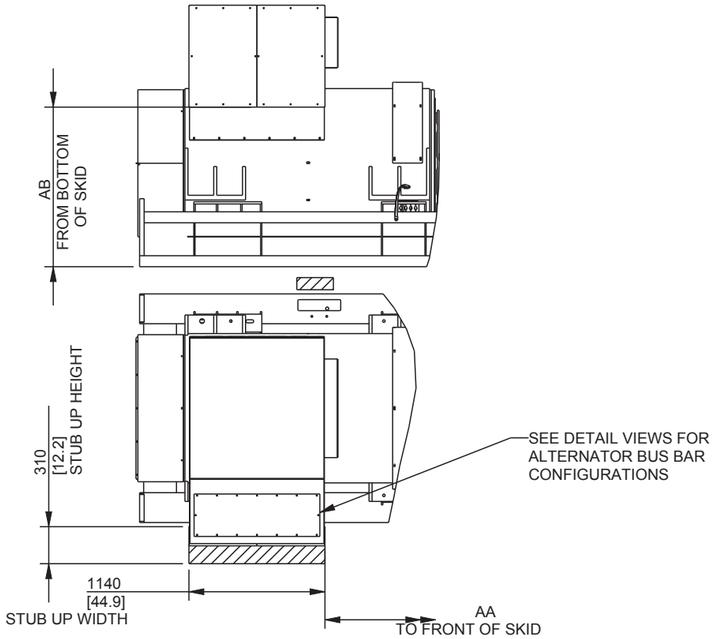
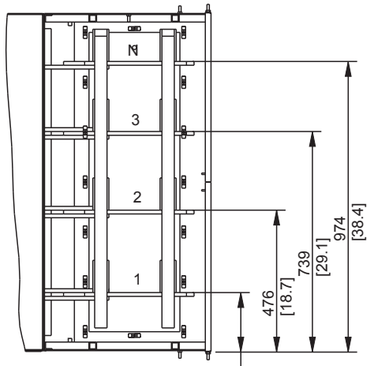
TITLE: DIMENSION PRINT, KD2800-3250

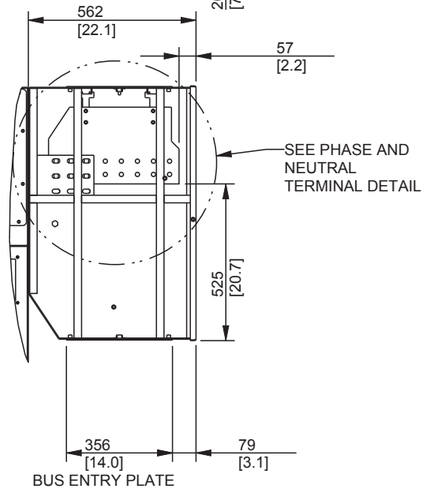
SCALE 0.06 | CAD NO. | SHEET 3 of 8

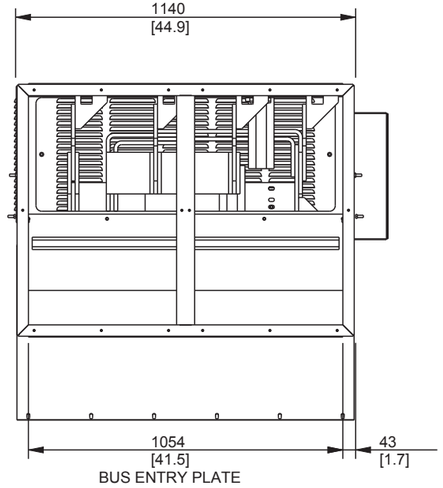
DWG NO. ADV-8955 | D

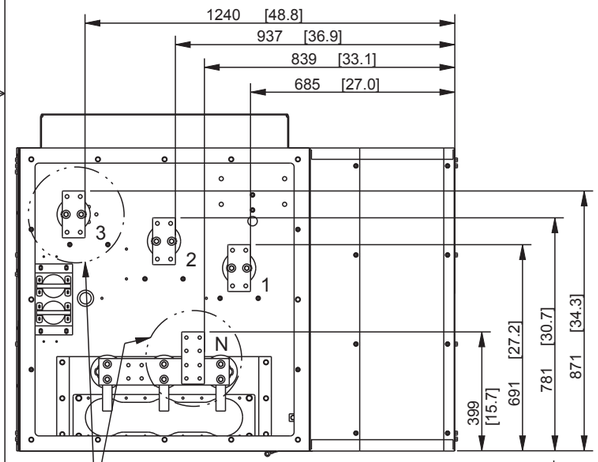


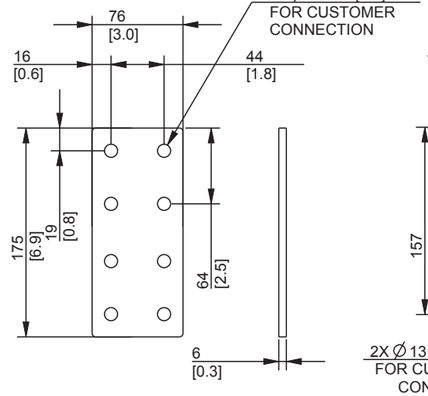


LOW VOLTAGE (380V- 600V)		
ALTERNATOR	AA	AB
KH07631TO4D	4357 [172]	1302 [51]
KH07632TO4D	4357 [172]	1342 [53]
KH09370TO4D	4421 [174]	1342 [53]

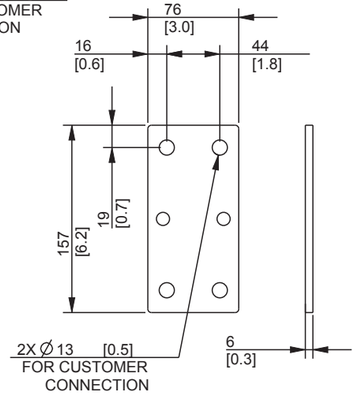




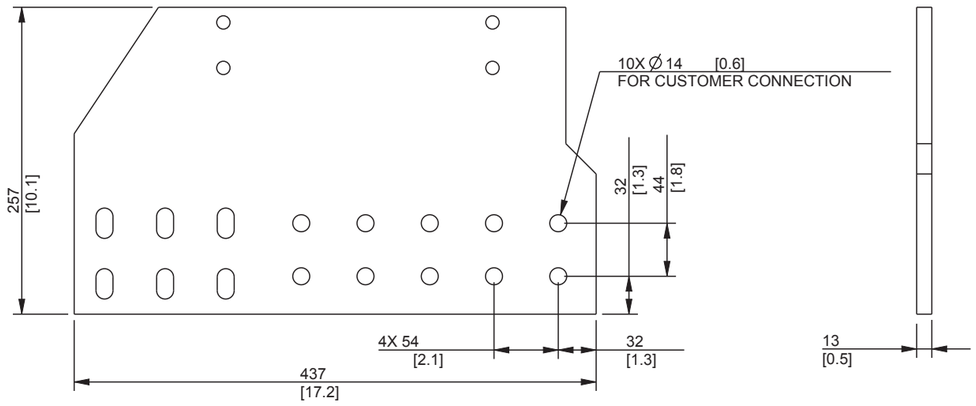




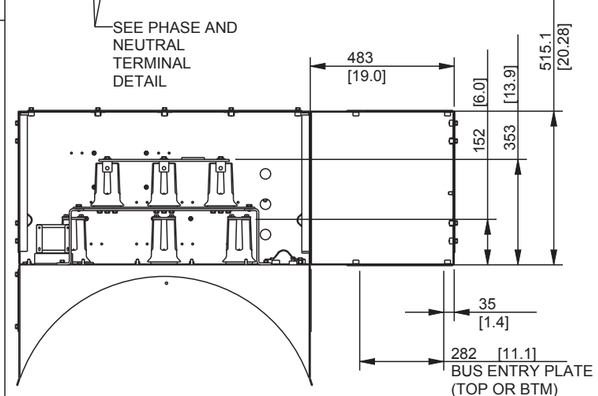
NEUTRAL TERMINAL DETAIL

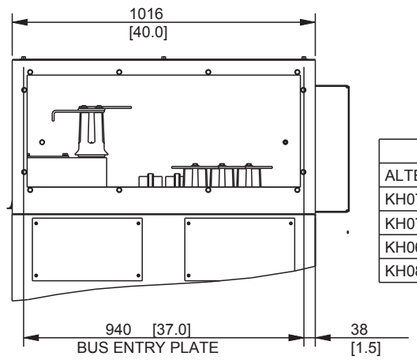


PHASE TERMINAL DETAIL



PHASE AND NEUTRAL TERMINAL DETAIL





MEDIUM VOLTAGE (4160V)		
ALTERNATOR	AA	AB
KH07770TO4D	4076 [160]	1420 [56]
KH07000TO4D	3936 [155]	1420 [56]
KH06220TO4D	3936 [155]	1420 [56]
KH08430TO4D	4076 [160]	1420 [56]

REV	DATE	ON COMPOSITE DWGS, SEE PART NO. FOR REVISION LEVEL	BY
-	11-15-17	NEW DRAWING [CT178634]	BGW
A	12-12-17	SEE SHEETS 3, 5, AND 8 [CT182319]	RRT
B	11-29-18	SEE SHEET 3 [CT192176]	ADP
C	4-12-19	SEE SHEET 1 [CT194818]	SUD

DO NOT SCALE. REFERENCE THE MODEL FOR ALL UNSPECIFIED DIMENSIONS

UNLESS OTHERWISE SPECIFIED:
ALL DIMENSIONS IN MILLIMETERS
GENERAL TOLERANCES: N/A

THIRD ANGLE PROJECTION

APPROVALS		DATE
DRAWN	BGW	11-15-17
CHECKED	DJV	11-15-17
APPROVED	TAS	11-15-17

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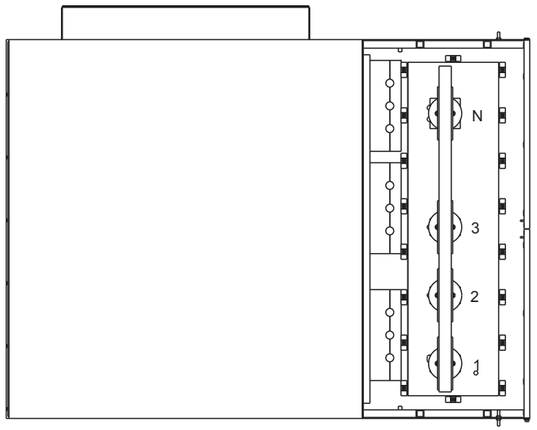
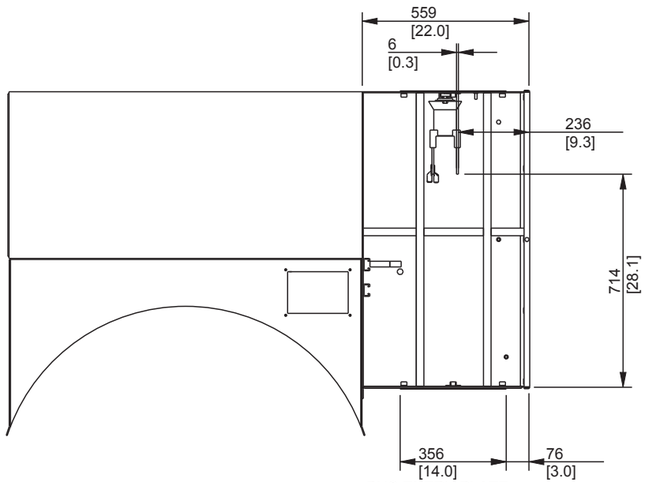
TITLE: DIMENSION PRINT, KD2800-3250

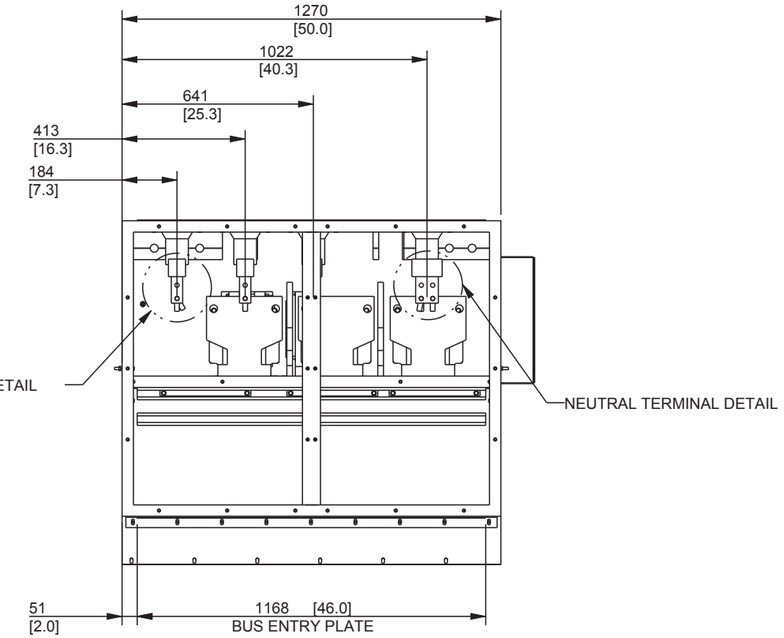
SCALE: 0.04 | CAD NO. | SHEET: 4 of 8

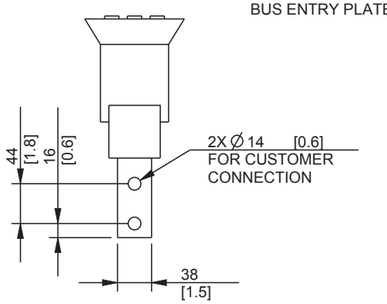
DWG NO.: ADV-8955 | D

MODEL	VOLTAGE	AA	AB
KH09370TO4D	6600V	4276 [168]	1225 [48]
KH09370TO4D	13800V, 13200V, 12470V, 11000V	4276 [168]	1225 [48]
KH07632TO4D	6600V	4212 [166]	1225 [48]
KH07632TO4D	4160V	4212 [166]	1225 [48]
KH07632TO4D	13800V, 13200V, 12470V, 11000V	4212 [166]	1225 [48]
KH07631TO4D	6600V	4212 [166]	1225 [48]
KH07631TO4D	4160V	4212 [166]	1225 [48]
KH07631TO4D	13800V, 13200V, 12470V, 11000V	4212 [166]	1225 [48]
KH06670TO4D	6600V	4059 [160]	1225 [48]
KH06670TO4D	13800V, 13200V, 12470V, 11000V	4059 [160]	1225 [48]
KH09270TO4D	13800V, 13200V, 12470V, 11000V	4066 [160]	1137 [45]
KH09270TO4D	6600V	4066 [160]	1137 [45]
KH08100TO4D	13800V, 13200V, 12470V, 11000V	3965 [156]	1137 [45]
KH08100TO4D	6600V	3965 [156]	1137 [45]
KH07630TO4D	13800V, 13200V, 12470V, 11000V	3889 [153]	1137 [45]
KH07630TO4D	6600V	3889 [153]	1137 [45]
KH07080TO4D	13800V, 13200V, 12470V, 11000V	3838 [151]	1137 [45]
KH07080TO4D	6600V	3838 [151]	1137 [45]

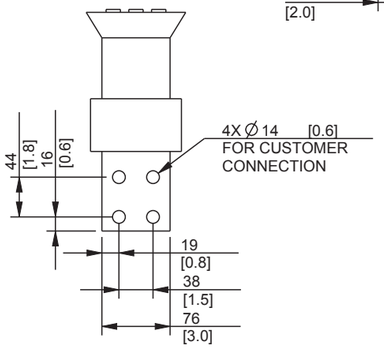








PHASE TERMINAL DETAIL



NEUTRAL TERMINAL DETAIL

REV	DATE	ON COMPOSITE DWGS, SEE PART NO. FOR REVISION LEVEL	BY
-	11-16-17	NEW DRAWING [CT178634]	BGW
A	12-12-17	(B-4,-5) FRONT PANEL REMOVED; SEE SHEETS 3	
		AND 8 [CT182319]	RRT
B	11-29-18	SEE SHEET 3 [CT192176]	ADP
C	4-12-19	SEE SHEET 1 [CT194818]	SUD

DO NOT SCALE. REFERENCE THE MODEL FOR ALL UNSPECIFIED DIMENSIONS

UNLESS OTHERWISE SPECIFIED:
ALL DIMENSIONS IN MILLIMETERS
GENERAL TOLERANCES: N/A

THIRD ANGLE PROJECTION

APPROVALS		DATE
DRAWN	BGW	11-16-17
CHECKED	DJV	11-16-17
APPROVED	TAS	11-16-17

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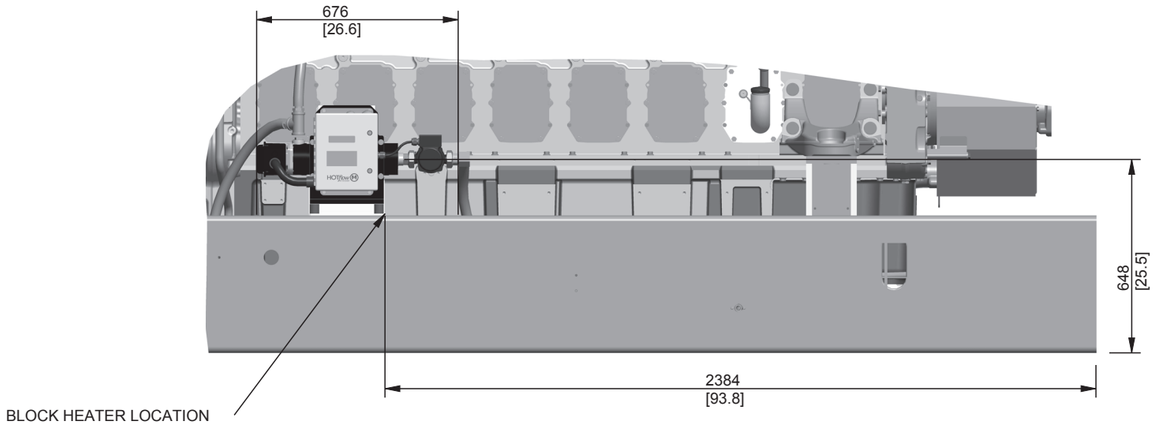
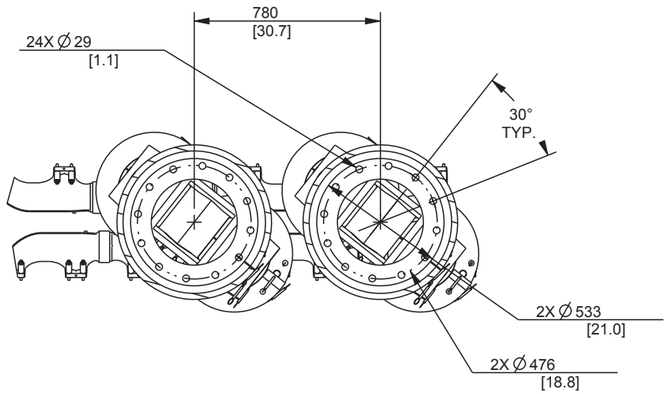
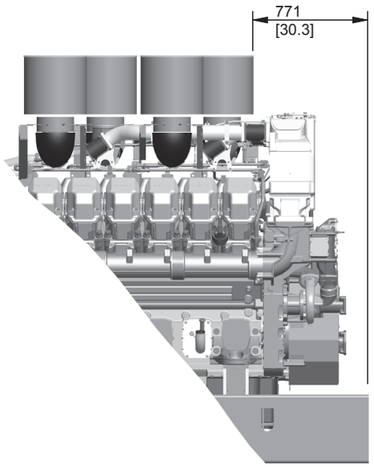
TITLE: DIMENSION PRINT, KD2800-3250

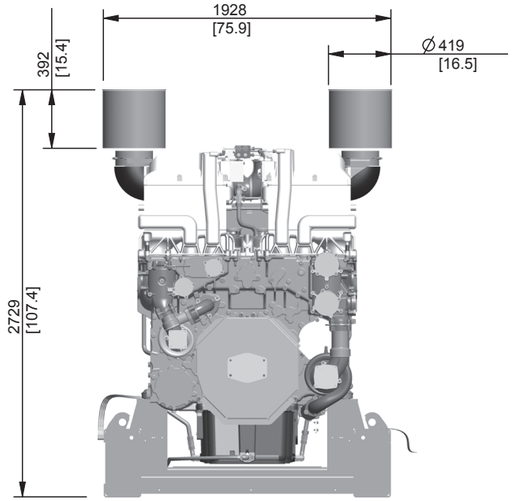
SCALE 0.30 | CAD NO. | SHEET 5 of 8

DWG NO. ADV-8955 | D

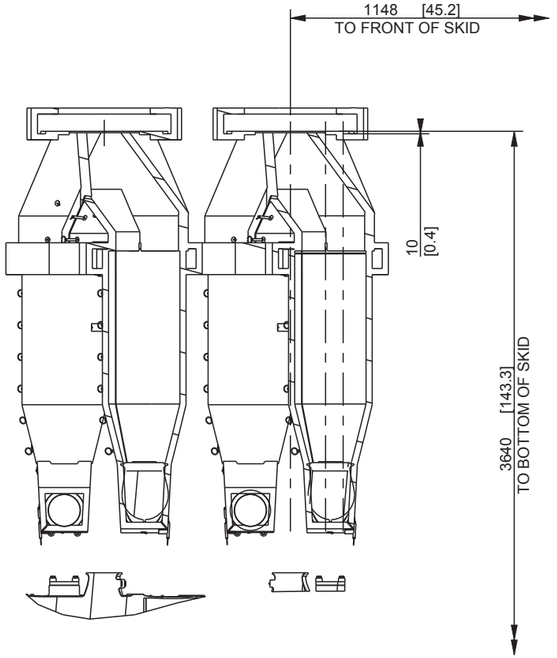








STANDARD DUTY AIR CLEANER



NOTE:
FLEXIBLE EXHUAST TO BE FULLY SUPPORTED BY EXTERNAL STRUCTURE *(ALLOW BENDING MOMENT AT EXHAUST FLANGE INTERFACE LESS THAN 75Nm)*

REV	DATE	ON COMPOSITE DWGS, SEE PART NO. FOR REVISION LEVEL	BY
-	10-4-17	NEW DRAWING [CT178634]	BGW
A	12-12-17	SEE SHEETS 3, 5, AND 8 [CT182319]	RRT
B	11-29-18	SEE SHEET 3 [CT192176]	ADP
C	4-12-19	SEE SHEET 1 [CT194818]	SUD

DO NOT SCALE. REFERENCE THE MODEL FOR ALL UNSPECIFIED DIMENSIONS

UNLESS OTHERWISE SPECIFIED:
ALL DIMENSIONS IN MILLIMETERS
GENERAL TOLERANCES: N/A

THIRD ANGLE PROJECTION

APPROVALS		DATE
DRAWN	BGW	10-4-17
CHECKED	DJV	10-4-17
APPROVED	TAS	10-4-17

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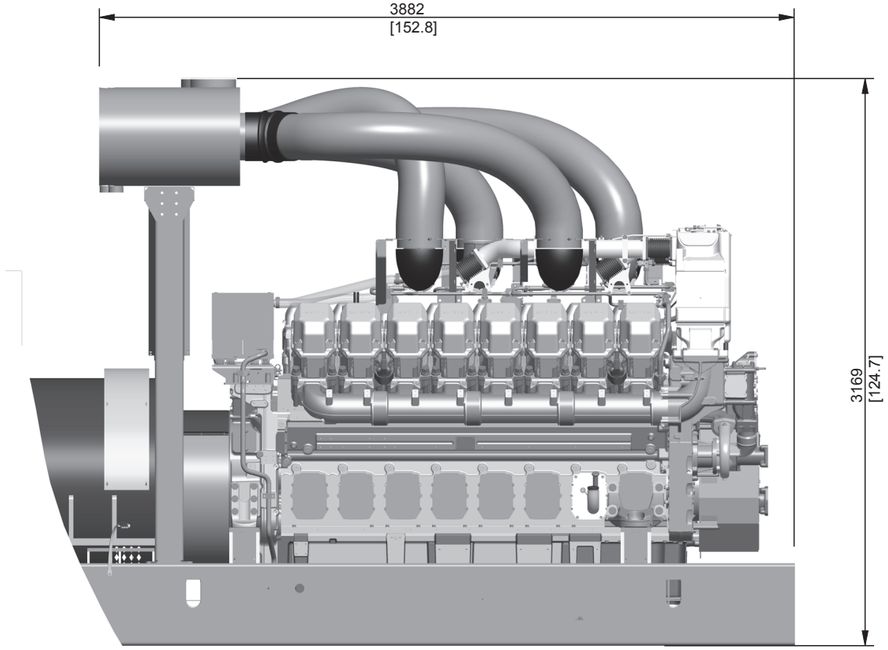
TITLE: DIMENSION PRINT, KD2800-3250

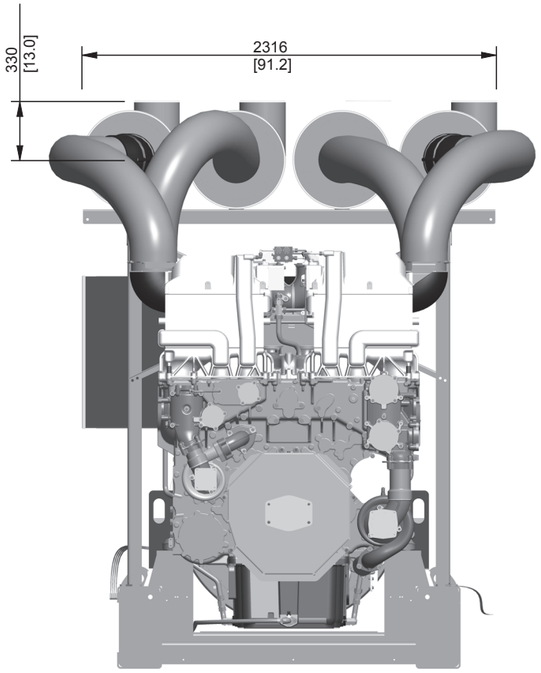
SCALE 0.10 | CAD NO. | SHEET 6 of 8

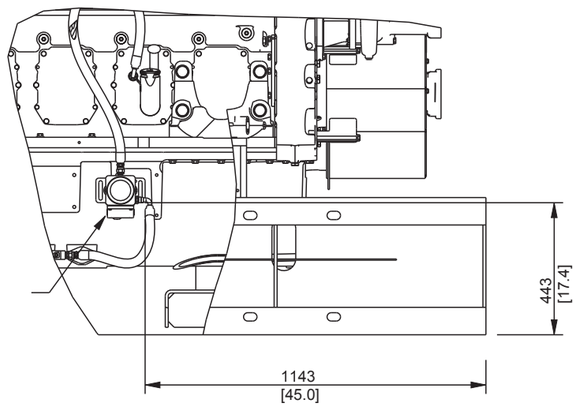
DWG NO. ADV-8955 | D

KD2800, KD3000, KD3250
KD83V16

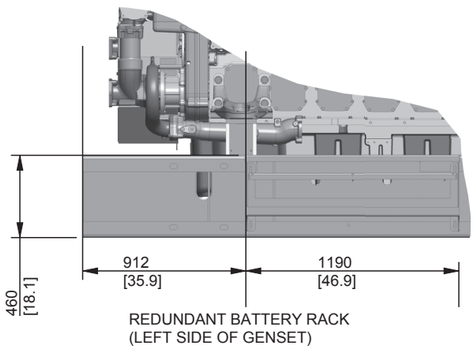


HEAVY DUTY AIR CLEANER

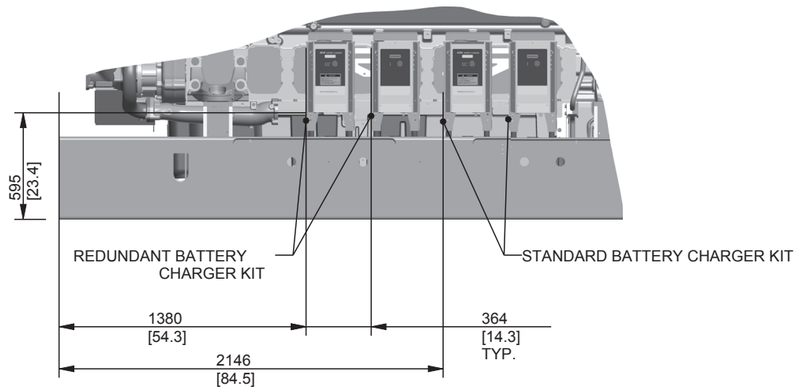




AUTOMATIC OIL REPLENISHMENT SYSTEM
(RIGHT SIDE OF GENSET)



REDUNDANT BATTERY RACK
(LEFT SIDE OF GENSET)



REV	DATE	ON COMPOSITE DWGS, SEE PART NO. FOR REVISION LEVEL	BY
-	10-4-17	NEW DRAWING [CT178634]	BGW
A	12-12-17	SEE SHEETS 3, 5, AND 8 [CT182319]	RRT
B	11-29-18	SEE SHEET 3 [CT192176]	ADP
C	4-12-19	SEE SHEET 1 [CT194818]	SUD

DO NOT SCALE. REFERENCE THE MODEL FOR ALL UNSPECIFIED DIMENSIONS

UNLESS OTHERWISE SPECIFIED:
ALL DIMENSIONS IN MILLIMETERS
GENERAL TOLERANCES: N/A

THIRD ANGLE PROJECTION

APPROVALS		DATE
DRAWN	BGW	10-4-17
CHECKED	DJV	10-4-17
APPROVED	TAS	10-4-17

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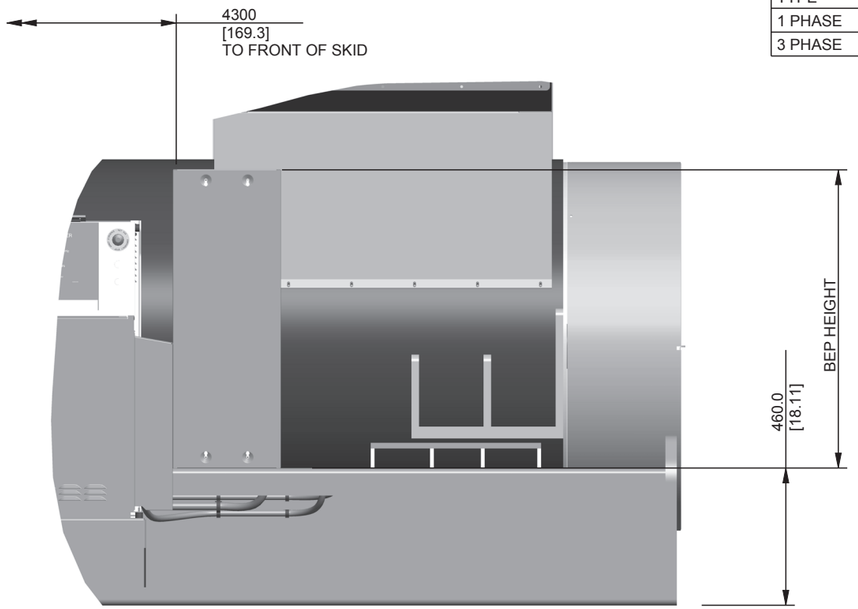
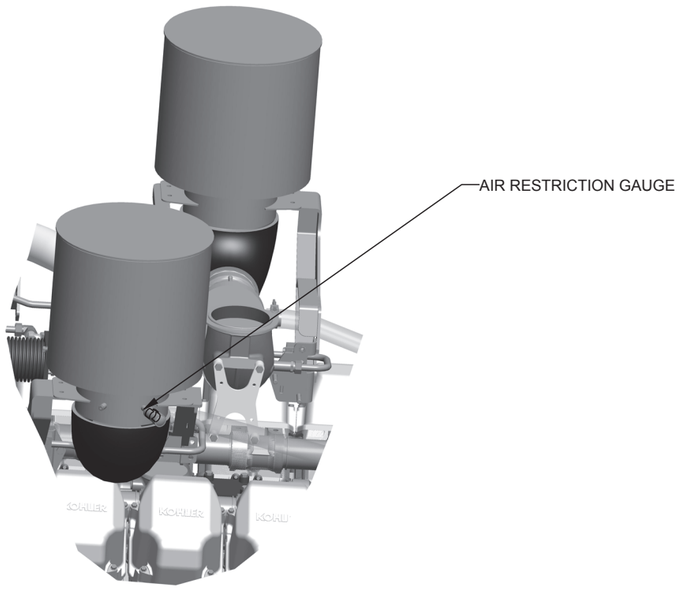
KD83V16

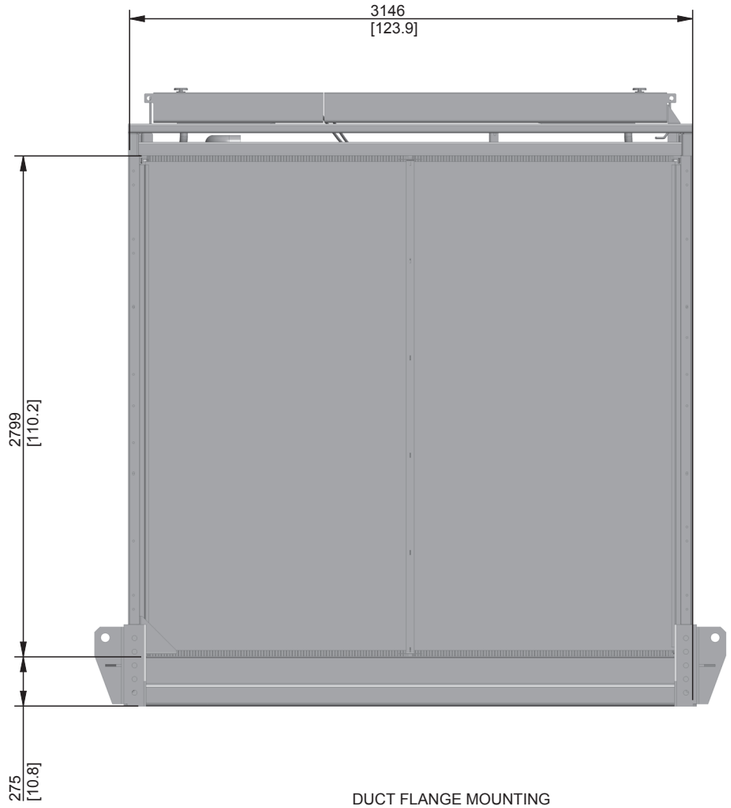
TYPE	BEP HEIGHT
1 PHASE	758 [30]
3 PHASE	1000 [39]



BASIC ELECTRICAL PACKAGE (BEP) LOAD CENTER



AIR FILTER RESTRICTION INDICATOR
(LEFT SIDE OF GENSET)



DUCT FLANGE MOUNTING

REV	DATE	ON COMPOSITE DWGS, SEE PART NO. FOR REVISION LEVEL	BY
-	10-4-17	NEW DRAWING [CT178634]	BGW
A	12-12-17	(C-3) DUCT FLANGE MOUNTING VIEW ADDED; SEE	
		SHEETS 3 AND 5 [CT182319]	RRT
B	11-29-18	SEE SHEET 3 [CT192176]	ADP
C	4-12-19	SEE SHEET 1 [CT194818]	SUD

DO NOT SCALE. REFERENCE THE MODEL FOR ALL UNSPECIFIED DIMENSIONS

UNLESS OTHERWISE SPECIFIED:
ALL DIMENSIONS IN MILLIMETERS
GENERAL TOLERANCES: N/A

THIRD ANGLE PROJECTION

APPROVALS		DATE
DRAWN	BGW	10-4-17
CHECKED	DJV	10-4-17
APPROVED	TAS	10-4-17

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SCALE 0.06 | CAD NO. | SHEET 8 of 8

DWG NO. ADV-8955 | D

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KD83V16