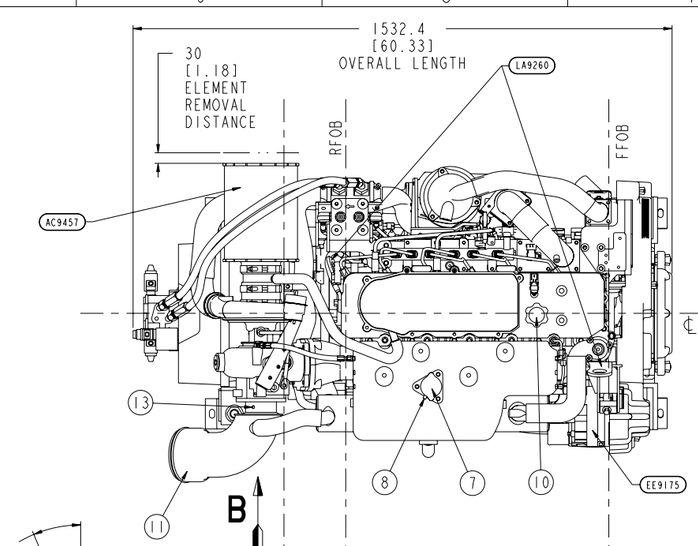
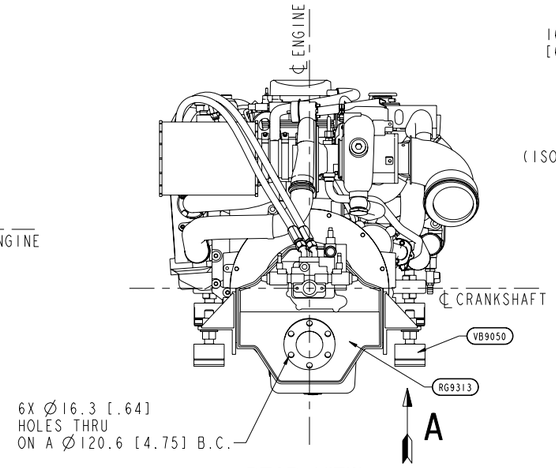
ITEM NUMBER
4360954

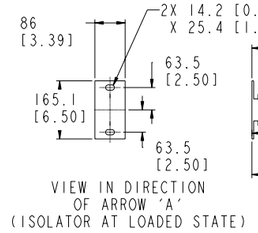
OPTIONS LIST
AC9457
BR9655
EE9175
EM9388
FF90705
FH90081
FW9958
HX9159
LA9260
LF9210
LG90767
OC9142
OP9890
PH9940
RG9313
SA9086
ST9487
SW9098
TB92523
VB9050
WI9599
XS9313



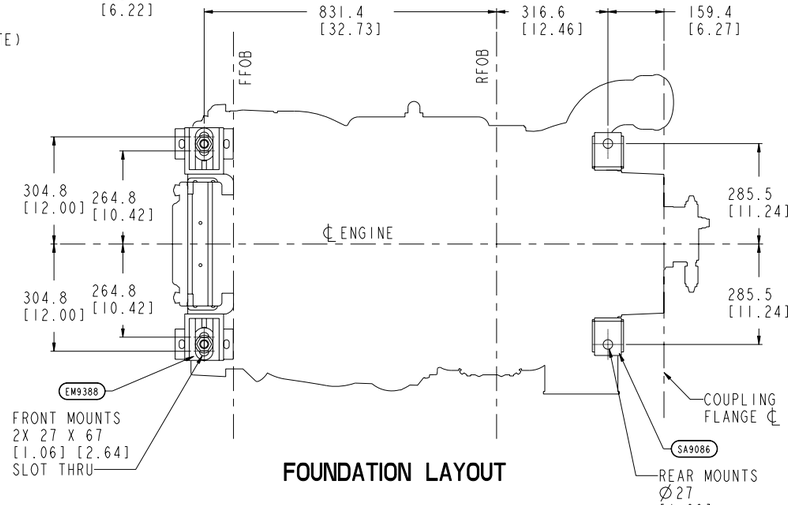
TOP VIEW



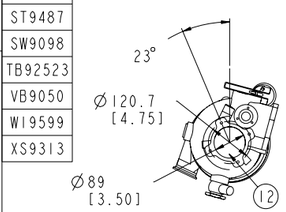
REAR VIEW



VIEW IN DIRECTION
OF ARROW 'A'
(ISOLATOR AT LOADED STATE)

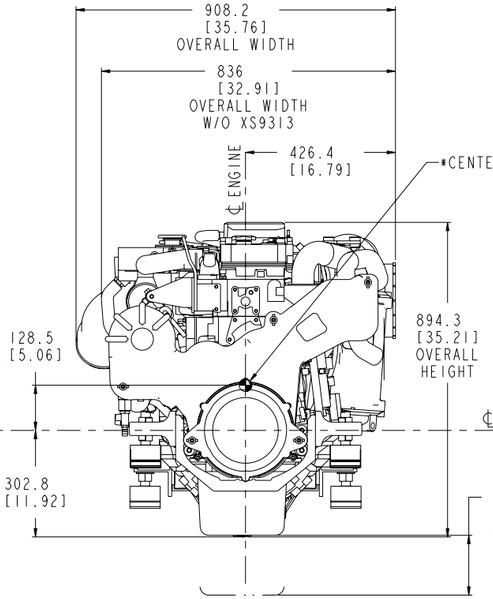


FOUNDATION LAYOUT



VIEW IN DIRECTION
OF ARROW 'B'
(XS9313 REMOVED)

RIGHT SIDE



FRONT VIEW

LEFT SIDE

ENGINE SERVICE TEST PORTS/INSTALLATION CONNECTIONS

1	AUXILIARY HEATER RETURN:	N/A	11	EXHAUST OUTLET CONNECTION (ELBOW):	Ø152.4 [6.00] O.D.
2	AUXILIARY HEATER SUPPLY:	N/A	12	EXHAUST OUTLET CONNECTION (TURBO):	4X M8 X 1.25 ↧ 17.8
3	BATTERY CONNECTION (STARTER) (+):	M10 X 1.5	13	EXHAUST TEMP. /BACK PRESSURE TEST PORT:	1/4-18 NPT
4	BATTERY CONNECTION (STARTER) (-):	M10 X 1.5	14	EXHAUST TEMP./SW FLOW SENSOR	N/A
5	BATTERY CONNECTION (ECM) (+):	4 PIN CONNECTOR	15	FUEL INLET CONNECTION:	M14 X 1.5 (STOR FEMALE)
6	BATTERY CONNECTION (ECM) (-):	4 PIN CONNECTOR	16	FUEL INLET TEST PORT:	TEE OFF INLET CONN.
7	COOLANT FILL:	Ø28.4 [1.12]	17	FUEL RETURN TO TANK CONNECTION:	M14 X 1.5 (STOR FEMALE)
8	COOLANT OVERFLOW TUBE:	9.27 I.D. [.36]	18	FUEL RETURN TEST PORT:	TEE OFF RETURN CONN.
9	ENGINE OIL DRAIN:	M22 X 1.5	19	GEAR OIL COOLER DRAIN:	1/8 NPT
10	ENGINE OIL FILL:	Ø29.8 [1.17]	20	GEAR OIL COOLER INLET:	3/4-16 STOR
			21	GEAR OIL COOLER OUTLET:	3/4-16 STOR
			22	OIL HEATER CONNECTION:	M22 X 1.5
			23	SEA WATER INLET:	Ø50.8 [2.00] O.D.
			24	SEA WATER INLET TEST PORT:	1/4-18 NPT
			25	SEA WATER OUTLET:	Ø38.1 [1.5] O.D.
			26	SEA WATER OUTLET TEST PORT:	1/4-18 NPT
			27	SHAFT LOG SEA WATER SUPPLY:	1/8 NPT
			28	ZINC ANODE:	4X 1/2-14 NPT

REVISIONS				
ZONE	REV	DESCRIPTION	DWN	APP'D
	00	RELEASED	JPH 04NOV15	RB 04NOV15

NOTE:
1. DUE TO OPTION DIFFERENCES, CG DATA IS APPROXIMATE AND INCLUSIVE OF GEAR.
2. THIS DRAWING DEPICTS STANDARD MOUNTS

THIS DRAWING IS BASED ON CONFIGURATION D313011MX03

PRODUCT GRAPHICS FILE
NO ORIGINAL DRAWING EXISTS FOR THIS ITEM. THE ENGINEERING GRAPHICS DATA FOR THIS ITEM RESIDES IN THE PRODUCT GRAPHICS FILE AND IS CONTROLLED BY THE AGENCY DESIGNATED AS HAVING ITEM CONTROL.

DO NOT SCALE THIS DRAWING
THIS DRAWING/DATA FILE (AND THE INFORMATION SHOWN THEREON) IS CONFIDENTIAL AND PROPRIETARY AND SHALL NOT BE USED, DISCLOSED TO OTHERS, OR REPRODUCED BY ANY MEANS FOR ANY PURPOSE IN HARD COPY FORM OR IN MACHINE READABLE FILES, WITHOUT WRITTEN CONSENT OF CUMMINS INC., MARKETING CAD SERVICES DEPARTMENT.

LAST SECTION LETTER USED: :
REF. DRAWING STANDARDS: ANSI Y14.5M ISO R1101
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN: MILLIMETERS [ ] ARE IN: INCHES
THIRD ANGLE PROJECTION

CUMMINS INC.

ITEM NAME
QSB SL W/ZF85A, S MOUNTS
IDENTIFIER
INSTALLATION DIAGRAM

DWN	JPH	04NOV15	SIZE	CODE IDENT. NO.	ITEM NUMBER
CHD	UNCHECKED	04NOV15	J		4360954
APPD	RB	04NOV15			
APPD			SCALE: N/A	ITEM CONTROL: MCS	SHEET 1 OF 1