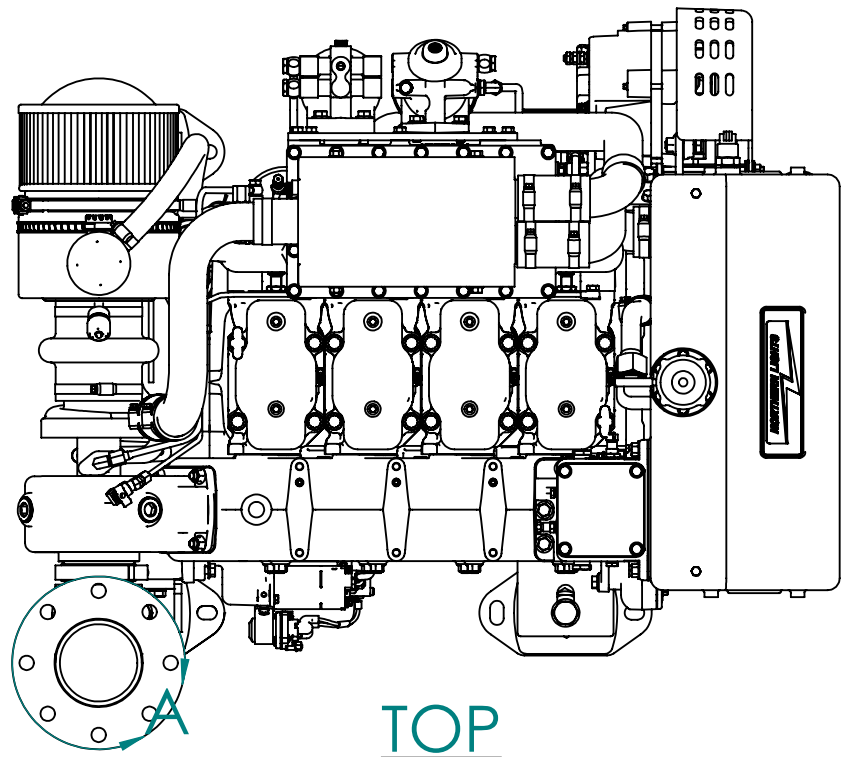


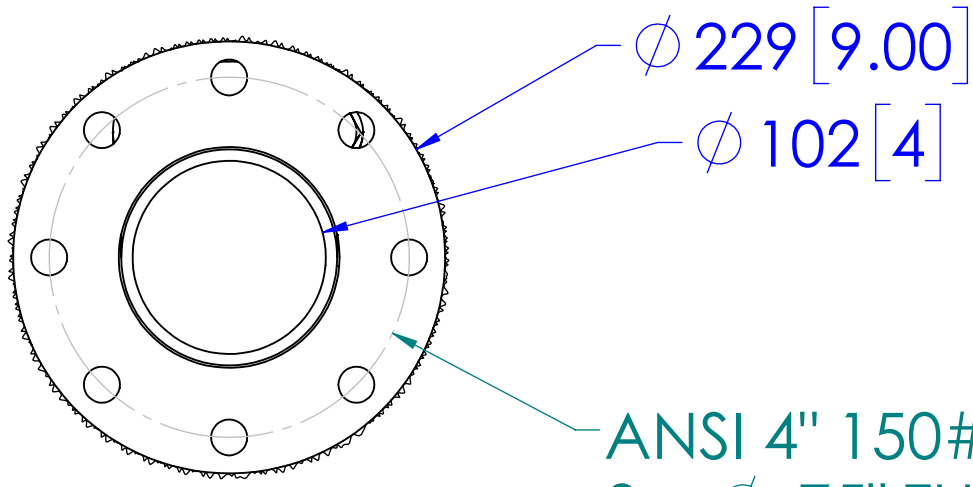
MODEL	DESCRIPTION	APPROX. WT. LBS [kg]
L4105A1.2	CONTINUOUS DUTY, 174HP/130KW @ 2100RPM, KEEL COOLED	1365 [619]
L4105A2.2	MEDIUM DUTY, 220HP/164KW @ 2250RPM, KEEL COOLED	

NOTE: WEIGHT INCLUDES OIL, BUT NO COOLANT. WEIGHT DOES NOT INCLUDE OPTIONAL VIBRATION ISOLATION MOUNTS. VALUES ARE APPROXIMATIONS AND ARE SUBJECT TO CHANGE. PLEASE CONTACT NLI TO BE SURE YOU HAVE THE LATEST REVISION.

ITEM	DESCRIPTION		DESCRIPTION
1	KEEL COOLER INLET ($\varnothing$ 2.0 H.B.)	14	ENGINE OIL FILL
2	KEEL COOLER OUTLET ($\varnothing$ 2.0 H.B.)	15	FUEL RETURN PORT (3/8" NPT)
3	COOLANT FILL	16	FUEL SUPPLY PORT (3/8" NPT)
4	AFTERCOOLER	17	OIL DRAIN PORT (M22X1.5)
5	OPTIONAL DRY EXHAUST ELBOW (4" 150# FLANGE)	18	ALTERNATOR
6	ELECTRIC STARTER MOTOR (12V STD/ 24V OPT)	19	
7	EXPANSION TANK	20	
8	THERMOSTAT HOUSING	21	
9	FUEL/WATER SEPERATOR	22	
10	PRIMARY FUEL FILTER	23	
11	OIL FILTER	24	
12	AIR FILTER & COALESCING FILTER	25	
13	ENGINE OIL DIPSTICK	26	

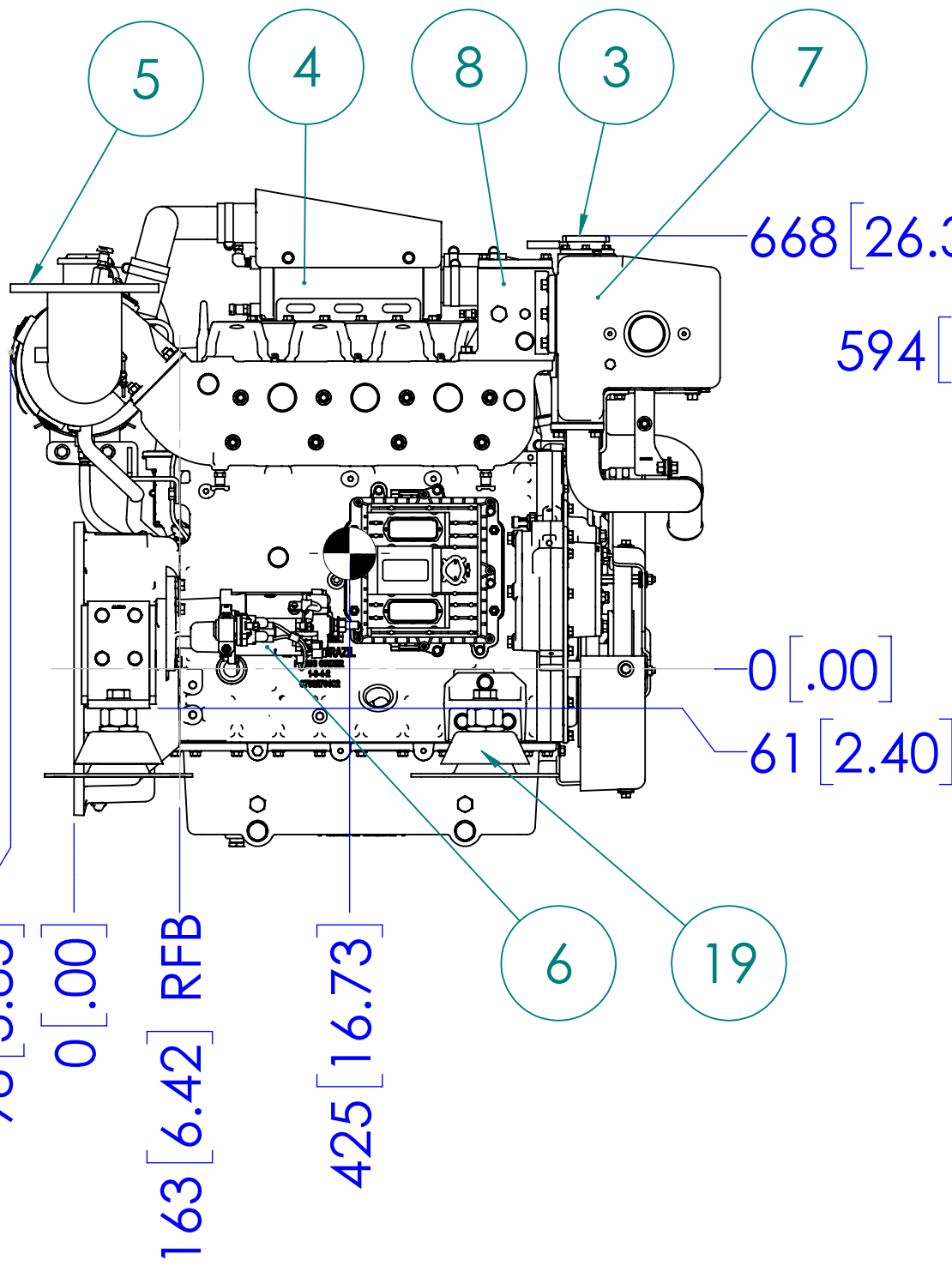


TOP

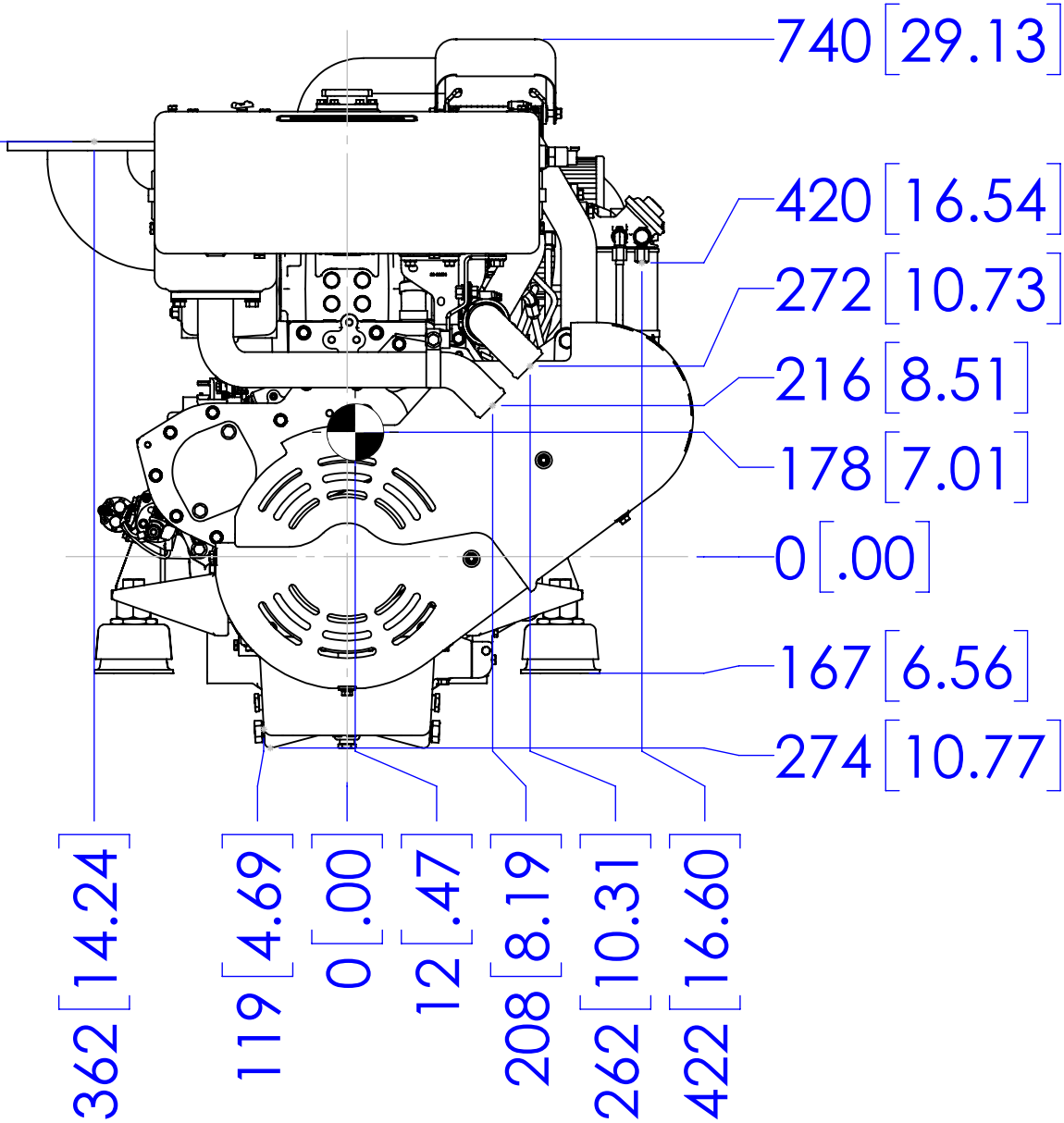


DETAIL A
OPTIONAL DRY EXHAUST FLANGE
SCALE 1 : 4

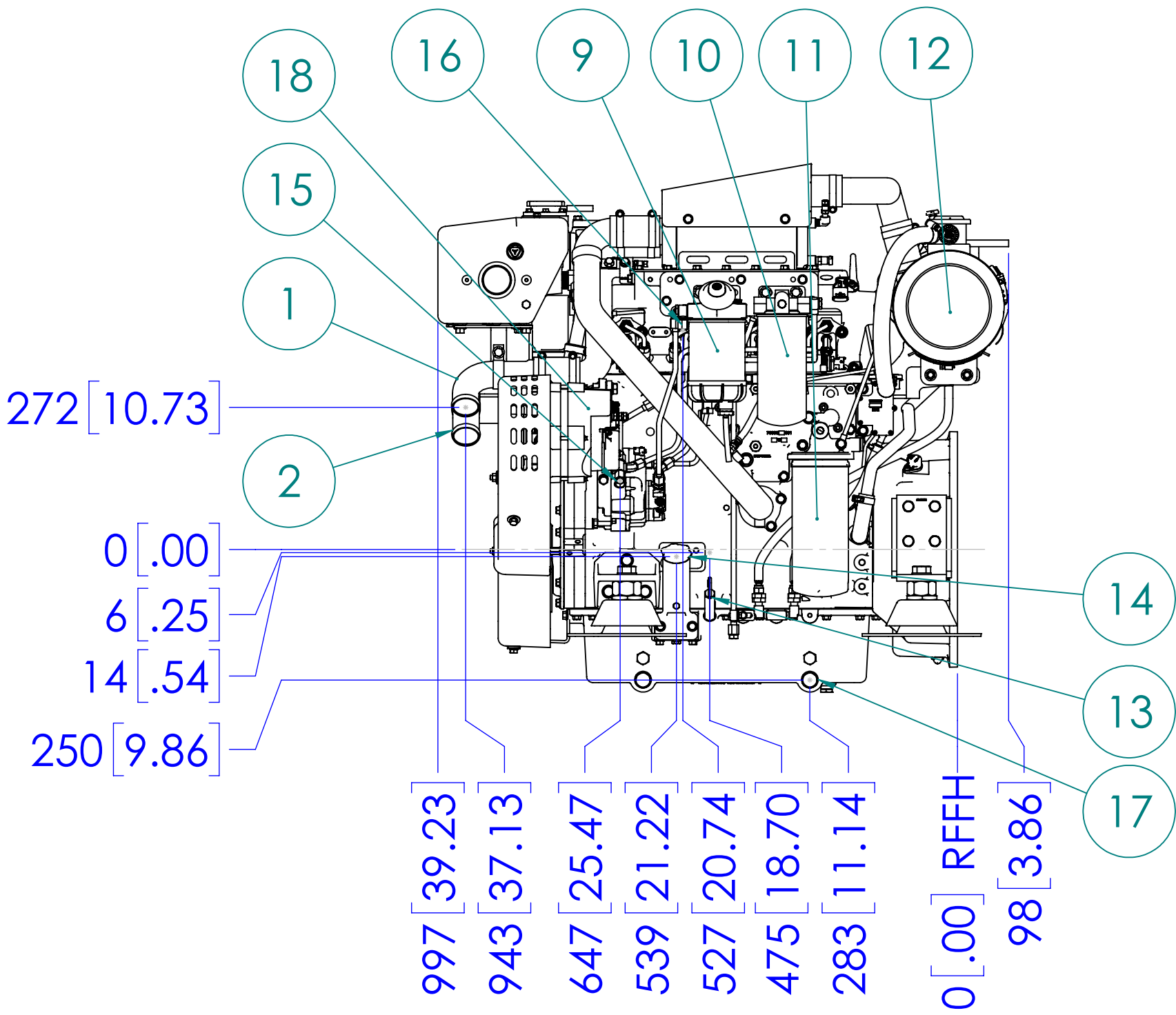
ANSI 4" 150# FLANGE
8 x $\varnothing$.75" THRU HOLES
ON 7.5" B.C.



LEFT SIDE

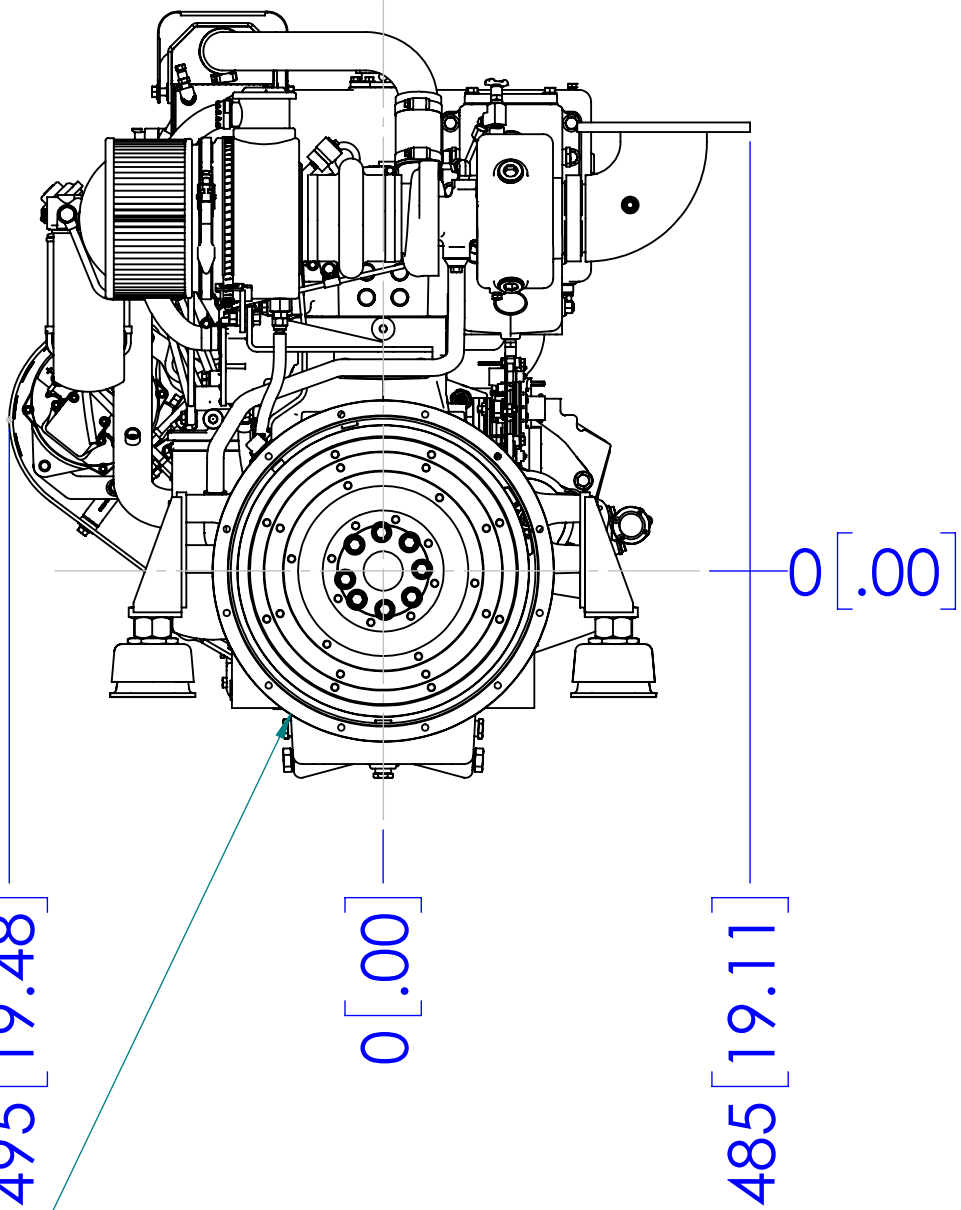


FRONT

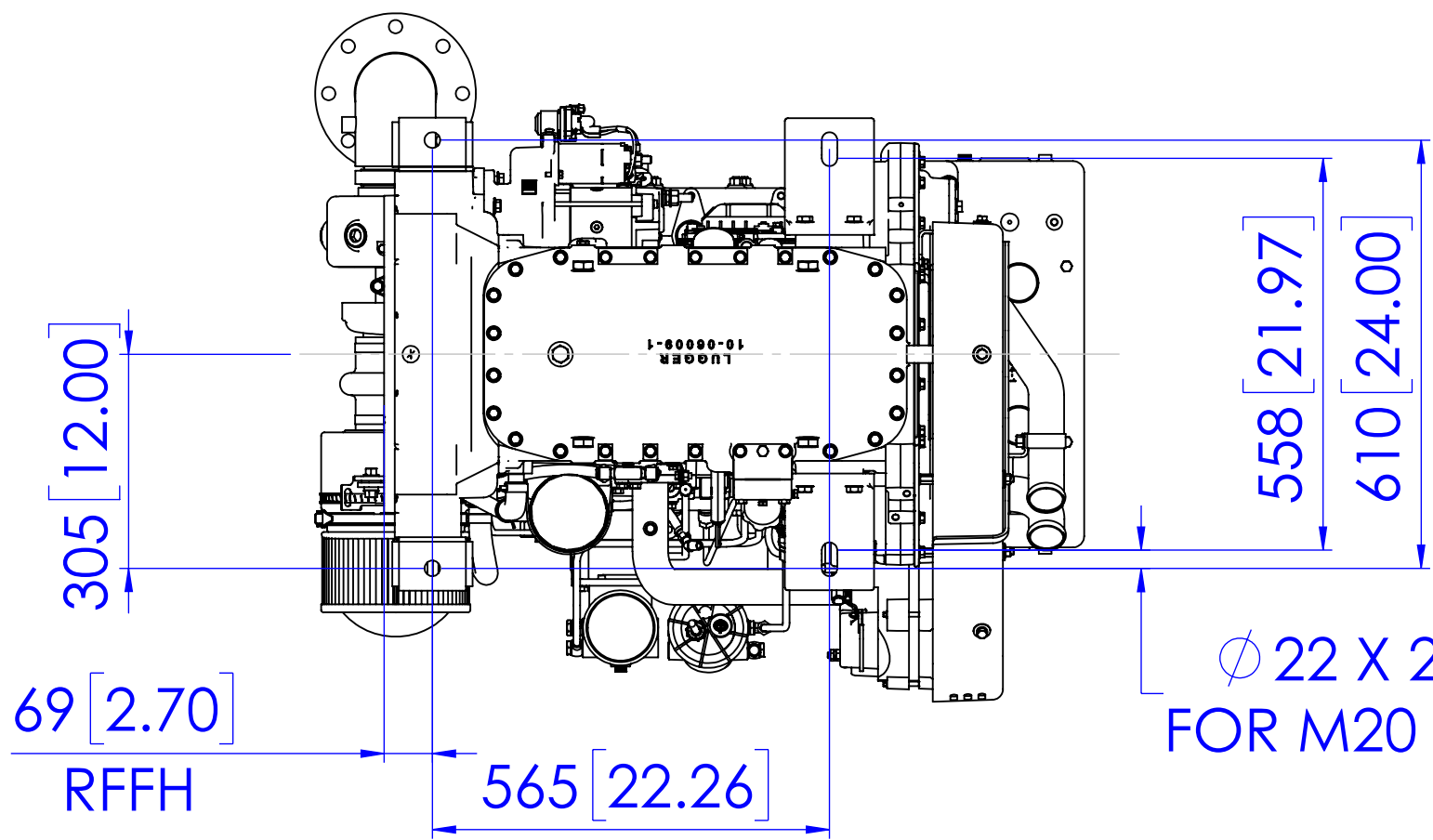


SERVICE SIDE

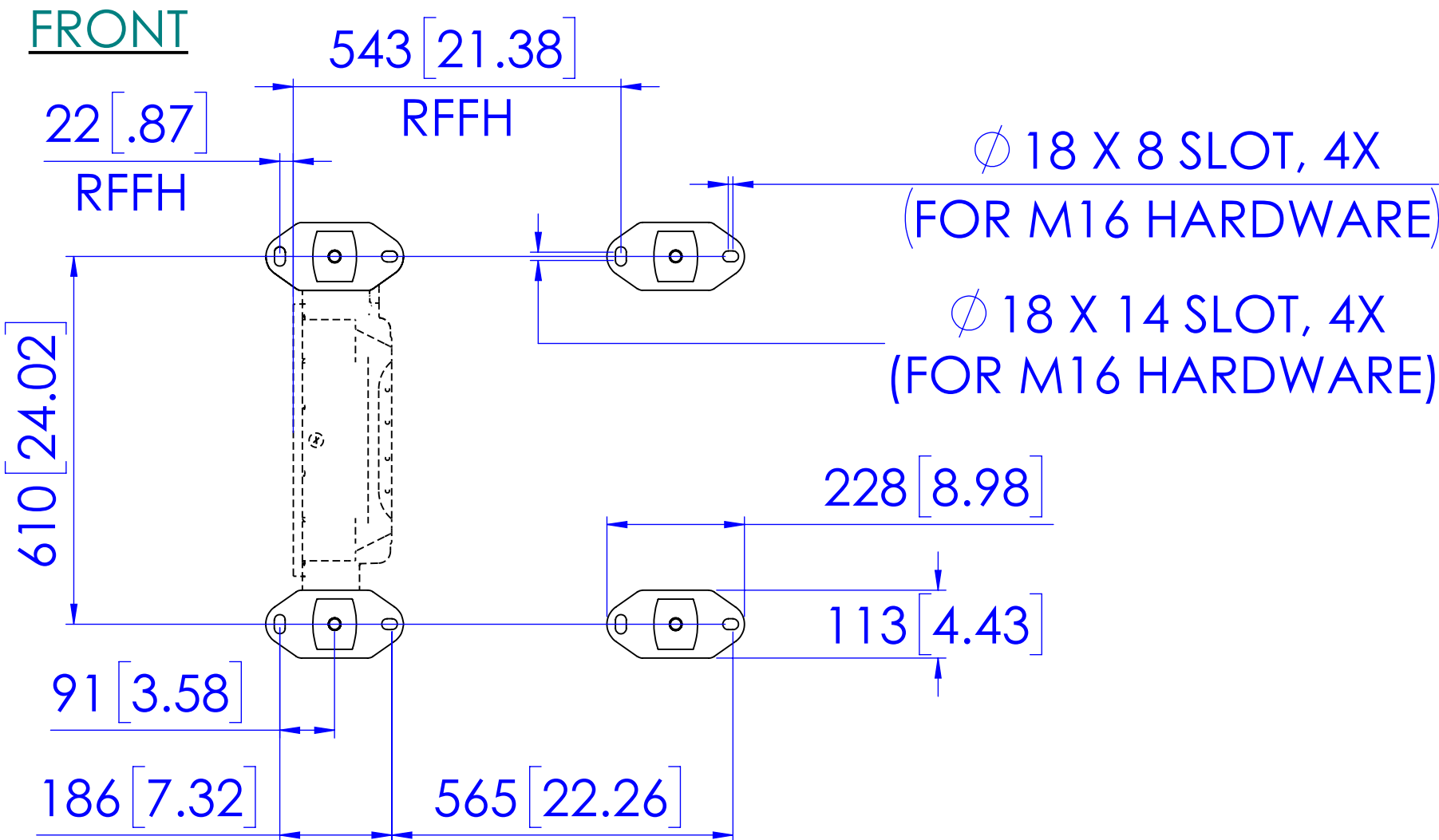
SAE #3
11.5" FLYWHEEL



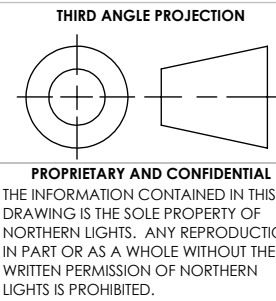
REAR



MOUNTING (W/O VIBRATION ISOLATION)



OPTIONAL VIBRATION ISOLATION FOOTPRINT



UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
TOLERANCES:
ANGULAR: $\pm$.5°
X $\pm$ 0.5
XX $\pm$ 0.3
BEND $\pm$ 1.0°
INTERPRET GEOMETRIC TOLERANCING PER ASME Y14.5M
MATERIAL:
FINISH:
DO NOT SCALE

DRAWN	JPW	7/31/2024
CHECKED	MG	8/13/2024
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		



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Seattle, WA 98107
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www.northern-lights.com

TITLE:

INSTALLATION DIMENSIONS
L4105A1, L4105A2, KEEL COOLED

SIZE	PART NO.	DWG. NO.	REV
D	SEE TABLE	D-5569	

SCALE: 1:10 WEIGHT: SHEET 1 OF 1