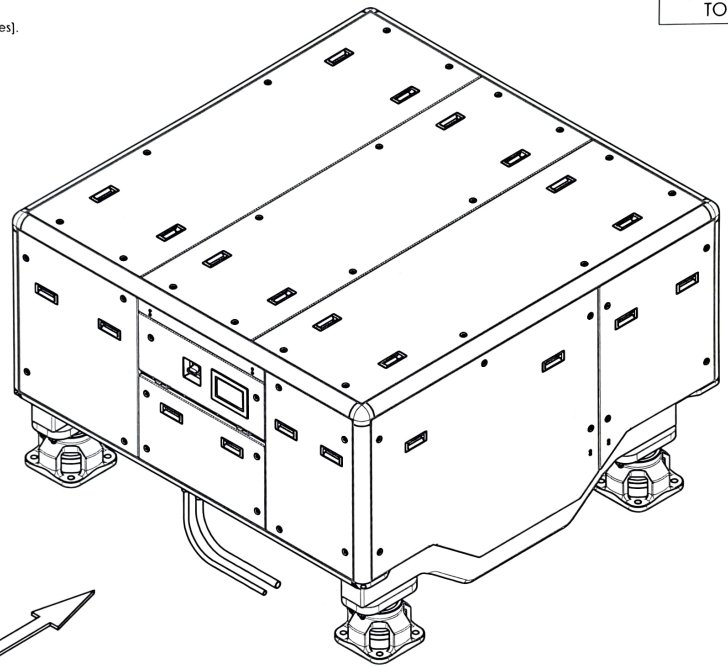
NOTES:

1. CONTACT VEEM IF GYRO INTENDED TO BE LOCATED MORE THAN 2m ABOVE DWL OR MORE THAN 70% OF LWL FORWARD OF TRANSOM.
2. DO NOT INSTALL GYRO WITH FRONT PANEL FACING PORT OR STARBOARD.
3. GYRO UNIT MAY BE INSTALLED WITH FRONT PANEL FACING FORWARD OR AFT.
4. REFER TO SHEET 7 FOR STRUCTURAL LOADS.
5. ALL DIMENSIONS IN: mm AND DIMENSIONS IN BRACKETS: [Inches].

WARNING !

GYRO-INDUCED LOADS ARE VERY LARGE. FULL STRUCTURAL ANALYSIS IS REQUIRED TO PROVIDE SUFFICIENT SUPPORT.



FORWARD OR AFT

ISOMETRIC VIEW

REV.	DESCRIPTION	DRN	INITL	DATE	ENG CHK	INITL	DATE	MAN APP	INITL	DATE	ELECT APP	INITL	DATE	SALES APP	INITL	DATE
CHANGE DESCRIPTION	ELECTRICAL REQUIRMENTS UPDATED / COOLING REQUIRMENTS UPDATED / SHEET 12 UPDATED															
B	ISSUED FOR PRODUCTION	JDD	JDD	13/11/24	JW	JW	13/11/24	-			-			DF		13/11/24

REVISIONS

COPYRIGHT 2021 - ALL RIGHTS RESERVED BY VEEM LTD. THE DRAWING HAS BEEN PRODUCED BY VEEM LTD. NO PART MAY BE COPIED, MODIFIED OR REPRODUCED IN ANY MANNER WITHOUT PRIOR WRITTEN APPROVAL OF VEEM LTD. www.veem.com.au

VEEM MARINE

VEEM ENGINEERING GROUP
21 BASE RD
CANNING VALE WA 6155
TEL +61 8 9455 9333
FAX +61 8 9455 9330
email veem@veem.com.au

DRAFTING TO AS 1100.101 AND 1100.201	
TOLERANCES IN ACCORDANCE WITH	-
MACHINE SURFACES	3.2 UON
	DEBURR ALL SHARP EDGES

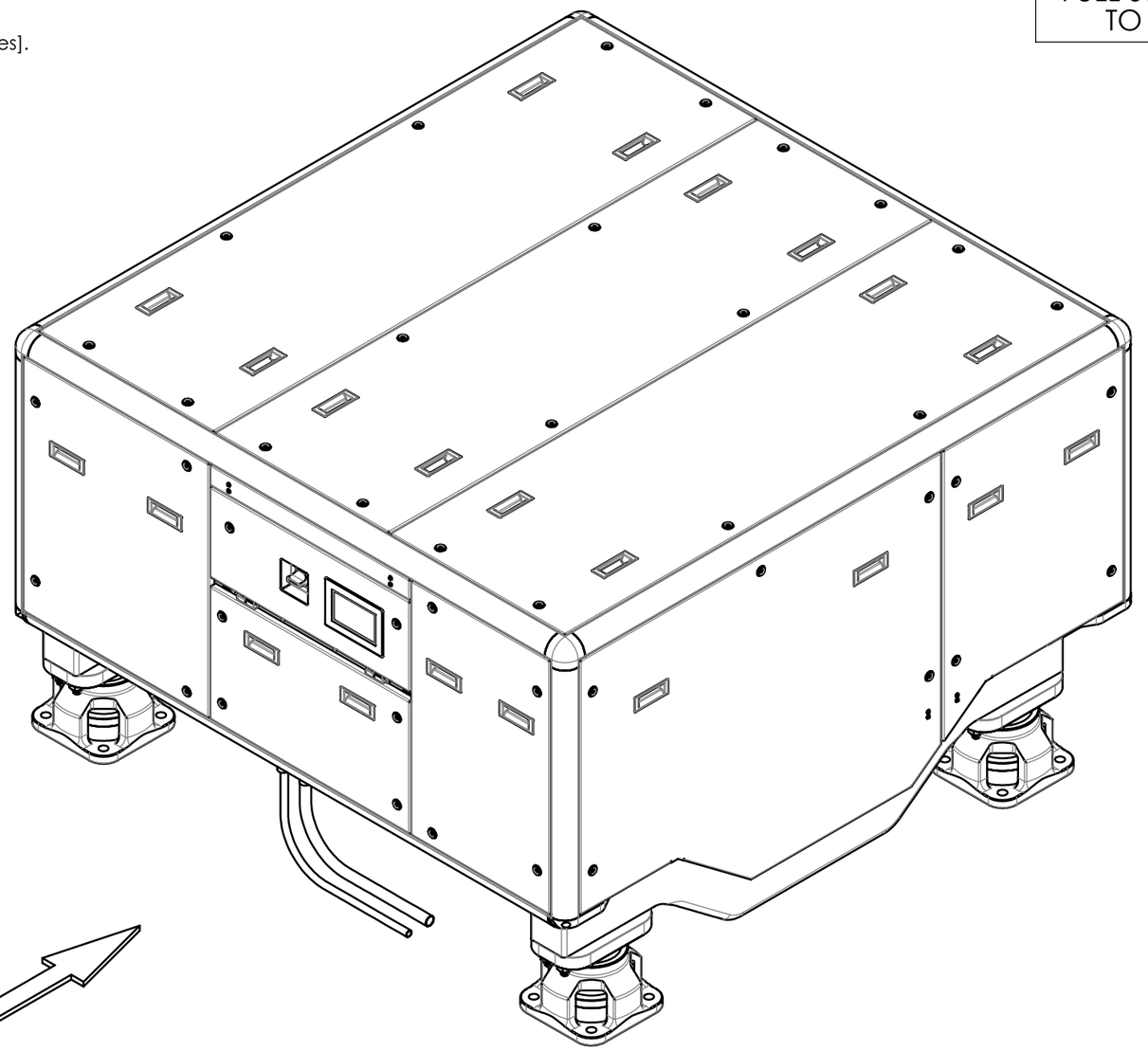
PART/ASSEMBLY No	MASS	TOTAL QTY / GYRO	
0260-AT-1000-7	SEE SHEET 2	1	
DESCRIPTION	VEEM GYRO 100 & 140 INSTALLATION		
DRG No	0260-DT-1000	REV	8
MATERIAL	-	PROCESS	ASSEMBLY
SHEET	01 OF 12	SCALE	1:12
		SHEET SIZE	A3

NOTES:

1. CONTACT VEEM IF GYRO INTENDED TO BE LOCATED MORE THAN 2m ABOVE DWL OR MORE THAN 70% OF LWL FORWARD OF TRANSOM.
2. DO NOT INSTALL GYRO WITH FRONT PANEL FACING PORT OR STARBOARD.
3. GYRO UNIT MAY BE INSTALLED WITH FRONT PANEL FACING FORWARD OR AFT.
4. REFER TO SHEET 7 FOR STRUCTURAL LOADS.
5. ALL DIMENSIONS IN: mm AND DIMENSIONS IN BRACKETS: [Inches].

WARNING !

GYRO-INDUCED LOADS ARE VERY LARGE.
FULL STRUCTURAL ANALYSIS IS REQUIRED
TO PROVIDE SUFFICIENT SUPPORT.



FORWARD OR AFT

ISOMETRIC VIEW

CHANGE DESCRIPTION		ELECTRICAL REQUIRMENTS UPDATED / COOLING REQUIRMENTS UPDATED / SHEET 12 UPDATED														
8	ISSUED FOR PRODUCTION	JDD			JW			-			-			DF		
REV.	DESCRIPTION	DRN	INITL	DATE	ENG CHK	INITL	DATE	MAN APP	INITL	DATE	ELECT APP	INITL	DATE	SALES APP	INITL	DATE
REVISIONS																

VEEM MARINE
PROPELLERS AND GYROSTABILIZERS

COPYRIGHT 2021 - ALL RIGHTS RESERVED BY VEEM LTD. THIS DRAWING HAS BEEN PRODUCED BY VEEM LTD. NO PART MAY BE COPIED, MODIFIED OR REPRODUCED IN ANY MANNER WITHOUT PRIOR WRITTEN APPROVAL OF VEEM LTD - www.veem.com.au

VEEM ENGINEERING GROUP
22 BAILE RD
CANNING VALE, WA 6155
TEL: +61 8 9455 9355
FAX: +61 8 9455 9333
email: veem@veem.com.au

DRAFTING TO AS 1100.101 AND 1100.201

TOLERANCES IN ACCORDANCE WITH -

MACHINE SURFACES 3.2 UON

DEBURR ALL SHARP EDGES

PART/ASSEMBLY No	MASS	TOTAL QTY / GYRO
0260-AT-1000-7	SEE SHEET 2	1

DESCRIPTION: VEEM GYRO 100 & 140 INSTALLATION

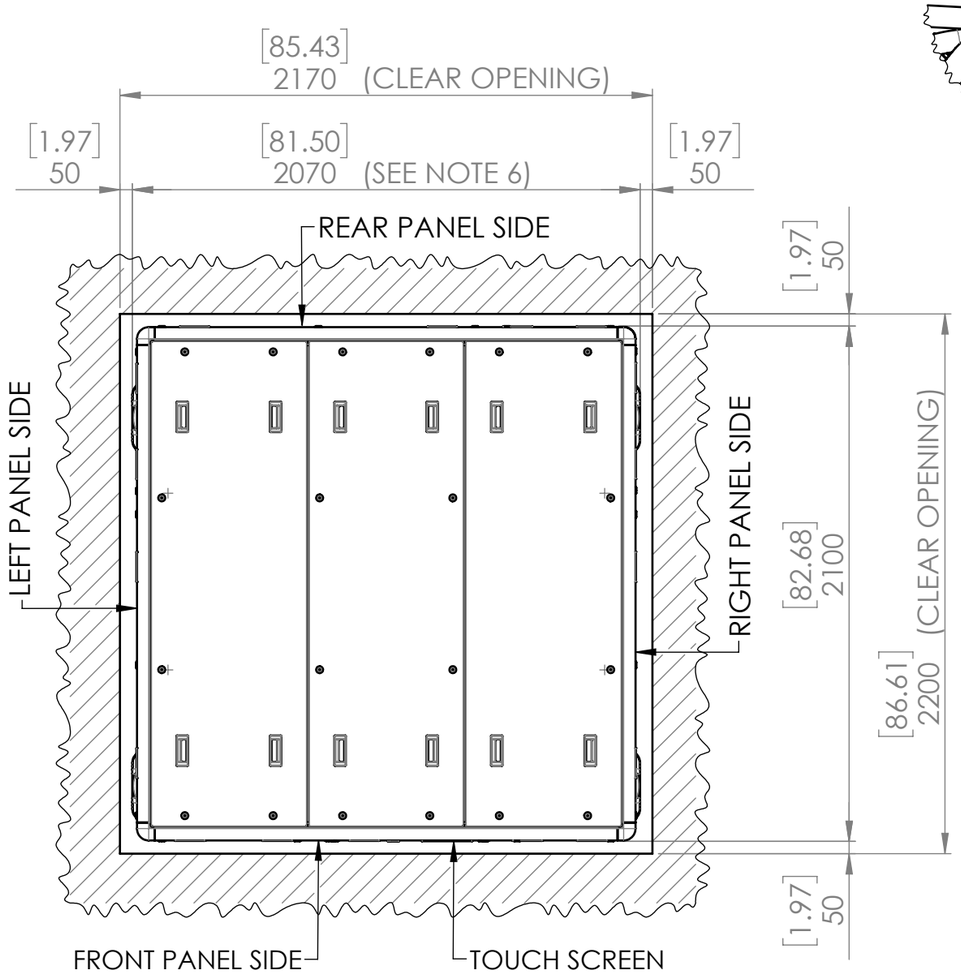
DRG No: 0260-DT-1000 | REV: 8

MATERIAL: - | PROCESS: ASSEMBLY

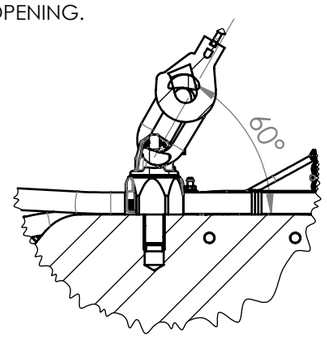
SHEET: 01 OF 12 | SCALE: 1:12 | SHEET SIZE: A3

NOTES:

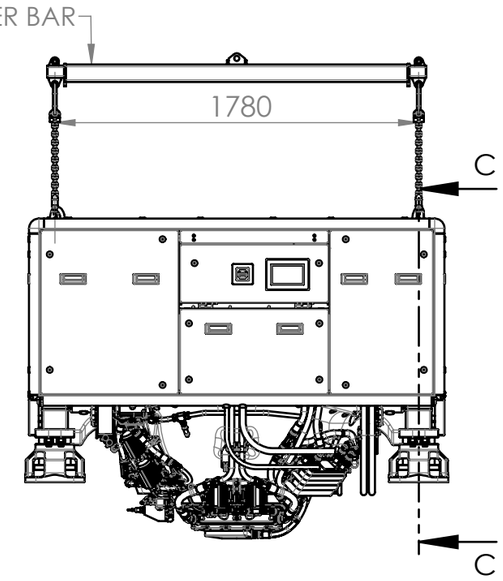
1. MAXIMUM SLING ANGLE 60°. SPREADER BAR 1780mm LONG TO BE USED
2. ENSURE RIGGING DOES NOT CONTACT GYRO ENCLOSURE OR DAMAGE MAY RESULT.
3. LIFTING RIGGING IS NOT INCLUDED IN GYRO STANDARD SCOPE OF SUPPLY.
4. ENSURE DIMENSIONS OF RIGGING INCLUDED IN DESIGN OF INSTALLATION SOFT PATCH CLEAR OPENING.
5. FOR DEEP LIFTS, CONSIDER SPREADER BAR WHEN DESIGNING DECK OPENING.
6. ALL DIMENSIONS IN: mm AND DIMENSIONS IN BRACKETS: [Inches].



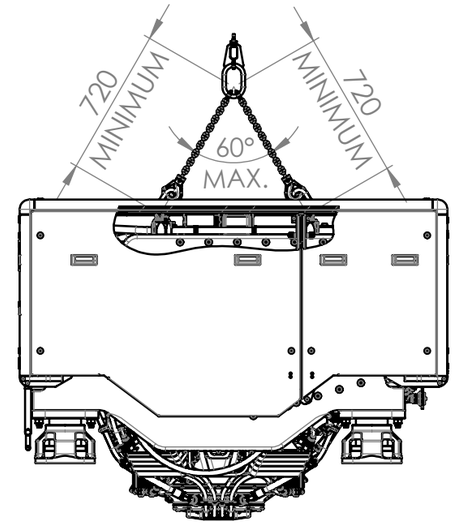
CLEAR OPENING DIMENSIONS FOR VERTICAL LIFT
TOP VIEW



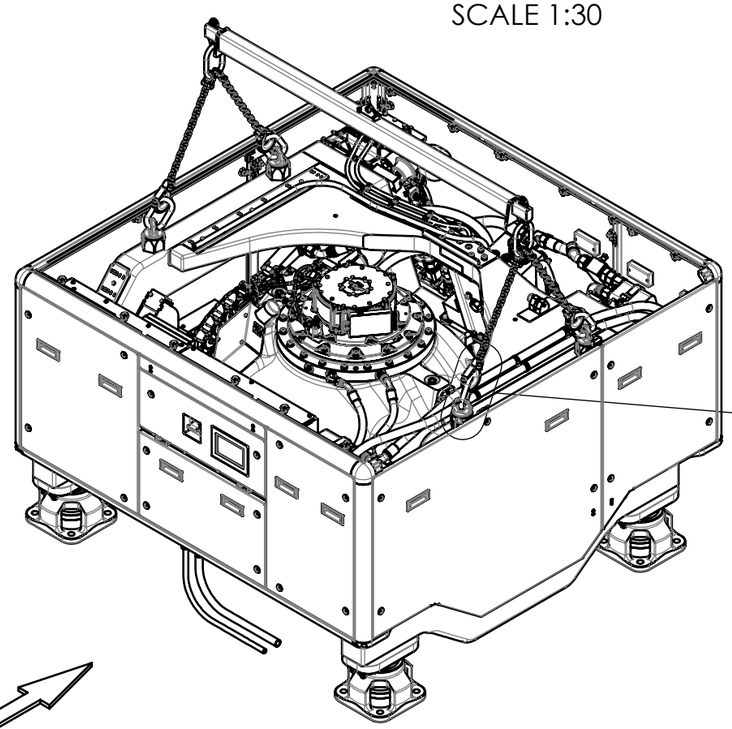
SECTION C-C
SCALE 1 : 10



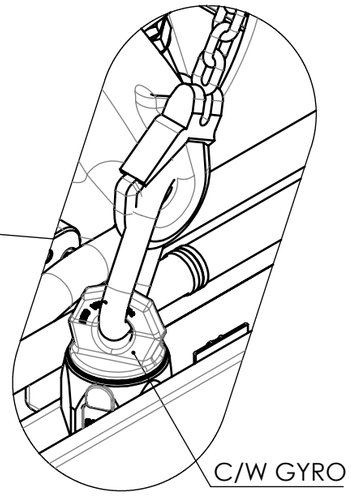
FRONT VIEW
SCALE 1:30



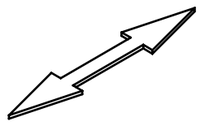
RIGHT VIEW
SCALE 1:30



ISOMETRIC VIEW
REMOVE TOP PANELS



DETAIL B
SCALE 1 : 5



FORWARD OR AFT

MASS [Kg]	VG100SD	VG140SD
MASS WITH ENCLOSURE *	5640 Kg	6540 Kg
MASS WITHOUT ENCLOSURE *	5550 Kg	6450 Kg
* EXCLUDED MASS OF RIGGING.		

VEEM MARINE
PROPELLERS AND GYROSTABILIZERS

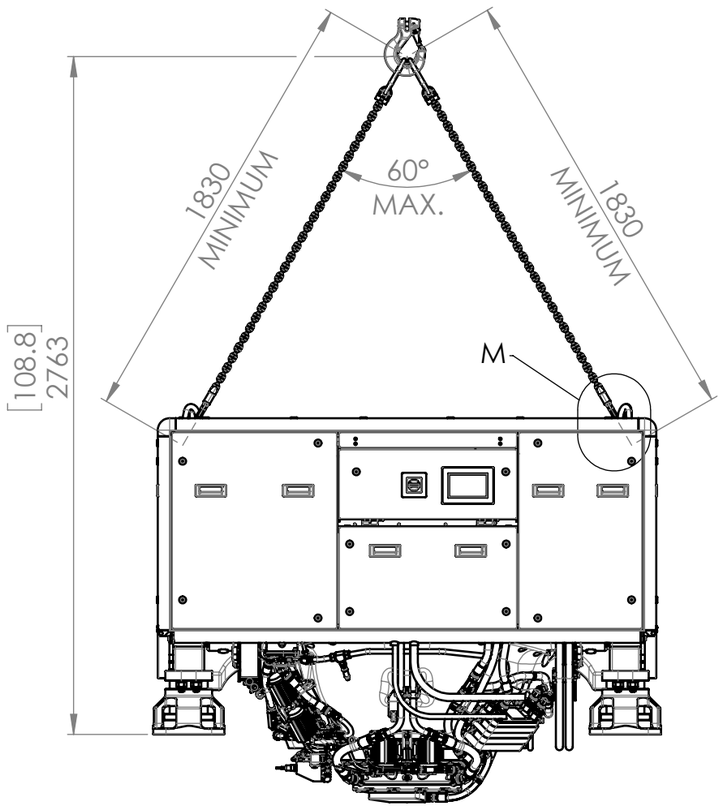
COPYRIGHT 2021 - ALL RIGHTS RESERVED BY VEEM LTD. THIS DRAWING HAS BEEN PRODUCED BY VEEM LTD. NO PART MAY BE COPIED, MODIFIED OR REPRODUCED IN ANY MANNER WITHOUT PRIOR WRITTEN APPROVAL OF VEEM LTD - www.veem.com.au

VEEM ENGINEERING GROUP
22 BAILE RD
CANNING VALE, WA 6155
TEL: +61 8 9455 9355
FAX: +61 8 9455 9333
email: veem@veem.com.au

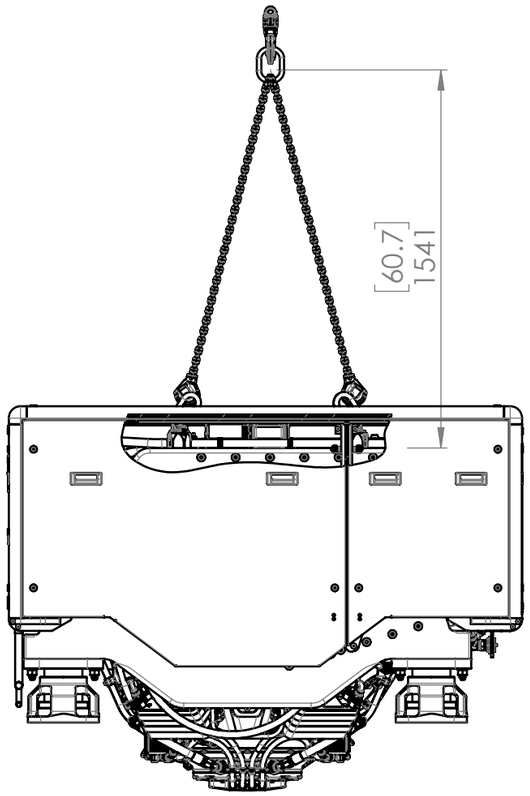
DRAFTING TO AS 1100.101 AND 1100.201
TOLERANCES IN ACCORDANCE WITH -
MACHINE SURFACES 3.2 UON
DEBURR ALL SHARP EDGES

PART/ASSEMBLY No	MASS	TOTAL QTY / GYRO
0260-AT-1000-7	SEE TABLE	1

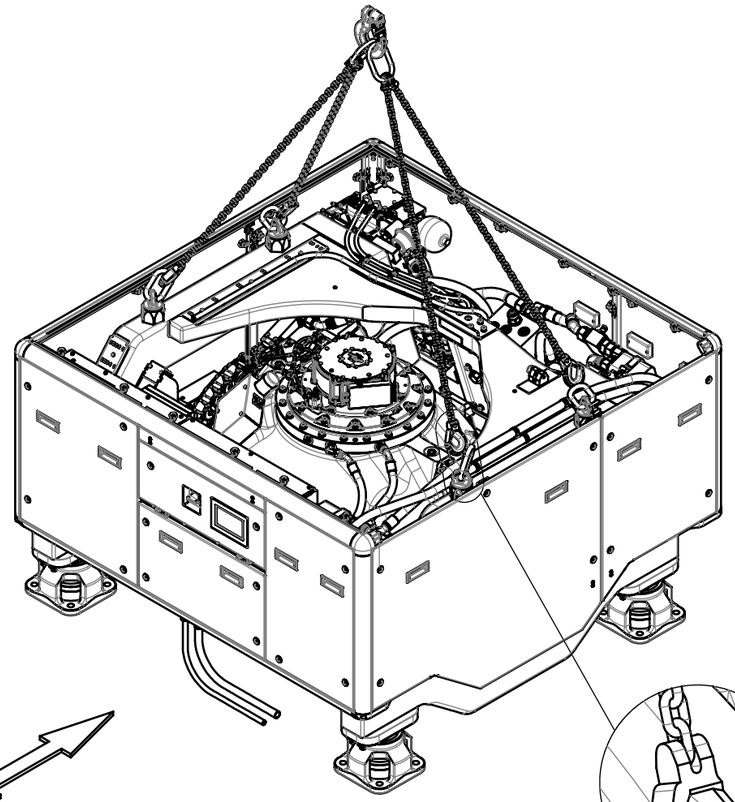
DESCRIPTION: LIFTING DRAWING
DRG No: 0260-DT-1000
REV: 8
MATERIAL: -
PROCESS: ASSEMBLY
SHEET: 02 OF 12
SCALE: 1:25
SHEET SIZE: A3



FRONT VIEW

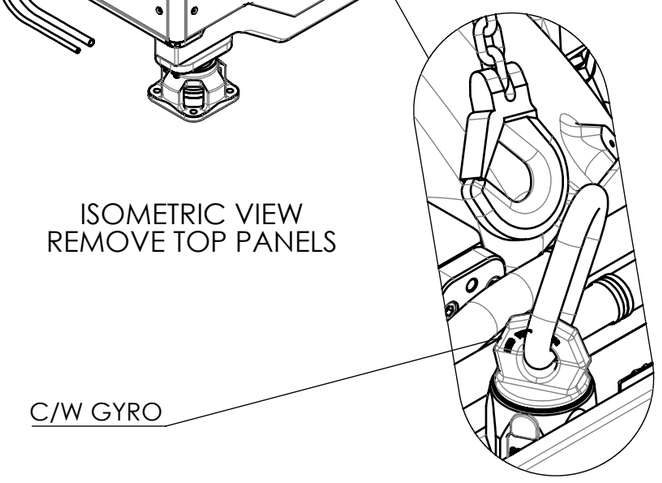


RIGHT VIEW

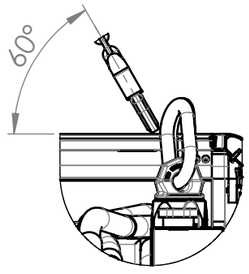


FORWARD OR AFT

ISOMETRIC VIEW
REMOVE TOP PANELS



DETAIL H
SCALE 1 : 5



DETAIL M
SCALE 1 : 10

NOTES:

1. COLLARED EYEBOLTS MIN WLL 4.00t EACH, (AS 2317 OR EQUIVALENT)
2. MAXIMUM SLING ANGLE 60°.
3. ENSURE RIGGING DOES NOT CONTACT GYRO ENCLOSURE OR DAMAGE MAY RESULT.
4. LIFTING RIGGING IS NOT INCLUDED IN GYRO STANDARD SCOPE OF SUPPLY.
5. ENSURE DIMENSIONS OF RIGGING INCLUDED IN DESIGN OF INSTALLATION SOFT PATCH CLEAR OPENING.

VEEM MARINE
PROPELLERS AND GYROSTABILIZERS

COPYRIGHT 2021 - ALL RIGHTS RESERVED BY VEEM LTD. THIS DRAWING HAS BEEN PRODUCED BY VEEM LTD. NO PART MAY BE COPIED, MODIFIED OR REPRODUCED IN ANY MANNER WITHOUT PRIOR WRITTEN APPROVAL OF VEEM LTD - www.veem.com.au

VEEM ENGINEERING GROUP
22 BAILE RD
CANNING VALE, WA 6155
TEL: +61 8 9455 9355
FAX: +61 8 9455 9333
email: veem@veem.com.au

DRAFTING TO AS 1100.101 AND 1100.201

TOLERANCES IN ACCORDANCE WITH -

MACHINE SURFACES 3.2 UON
DEBURR ALL SHARP EDGES

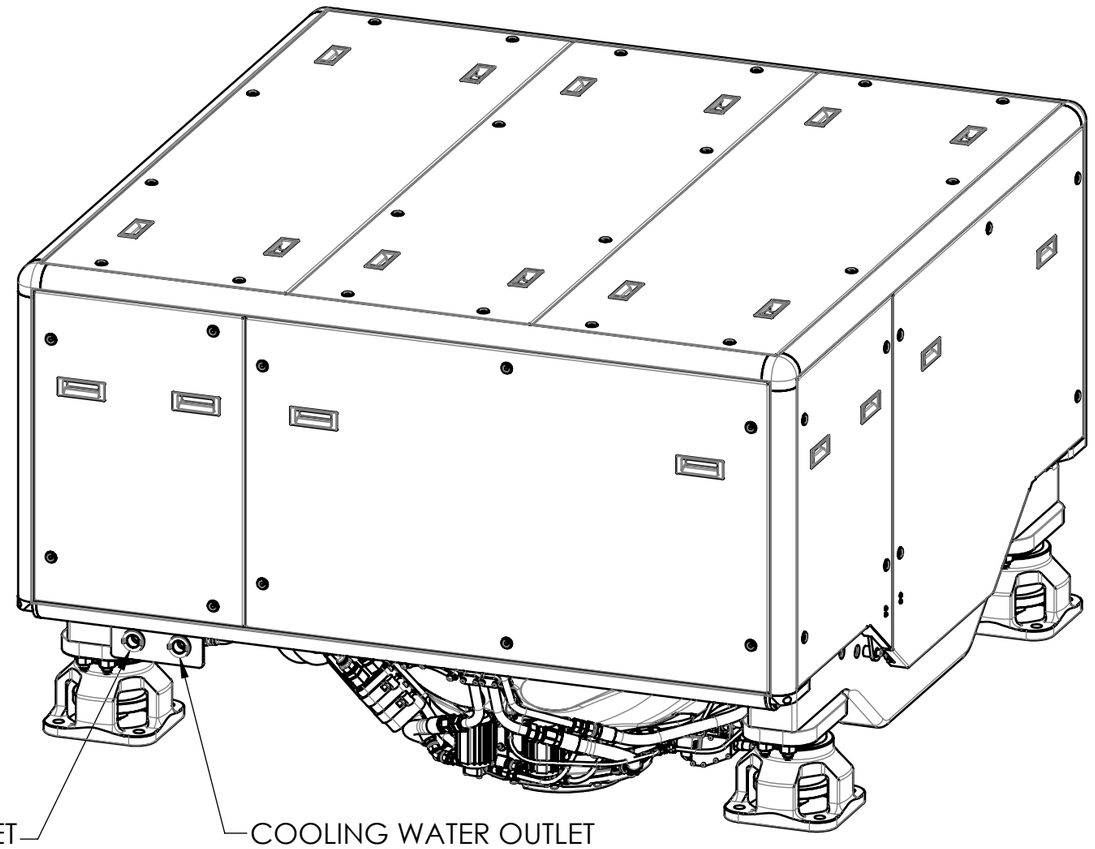
PART/ASSEMBLY No	MASS	TOTAL QTY / GYRO
0260-AT-1000-6	SEE SHEET 2	1

DESCRIPTION: SINGLE LIFT DRAWING

DRG No: 0260-DT-1000 | REV: 8

MATERIAL: - | PROCESS: ASSEMBLY

SHEET: 03 OF 12 | SCALE: 1:25 | SHEET SIZE: A3



DIMETRIC VIEW (REAR DIRECTION)

COOLING WATER TEMP °C [°F]	FLOW RATE (LITRES/min)	PRESSURE DROP (bar)	DISCHARGE TEMP °C [°F]
UP TO 39 [102]	160	1.75	48 [118]
DATA FOR MAX LOADING CONDITIONS AND AT 50°C AIR			
COOLING WATER HEAT LOAD 86kW MAXIMUM. MINIMUM COOLING WATER TEMP 2°C.			
GYRO AMBIENT TEMPERATURES STORAGE: -5°C TO 55°C. OPERATIONAL: -5°C TO 50°C.			

AIR HANDLING TO CONSIDER COMPARTMENT HEAT LOADS AS BELOW	
COMPARTMENT TEMP. (°C)	HEAT (W)
20	2000
30	1500
40	1000
50	500
60	0

COOLING WATER SUPPLY OPTIONS:

- RAW SEAWATER COOLING WATER MAY BE USED WITH # 16-20 MESH FILTER.
- CLOSED CIRCUIT INTER-COOLER SYSTEM RECOMMENDED.
- COOLANT TO BE DEMINERALISED WATER WITH APPROPRIATE DOSE OF CORROSION INHIBITOR.

COPYRIGHT 2021 - ALL RIGHTS RESERVED BY VEEM LTD. THIS DRAWING HAS BEEN PRODUCED BY VEEM LTD. NO PART MAY BE COPIED, MODIFIED OR REPRODUCED IN ANY MANNER WITHOUT PRIOR WRITTEN APPROVAL OF VEEM LTD - www.veem.com.au

VEEM ENGINEERING GROUP
22 BAILE RD
CANNING VALE, WA 6155
TEL: +61 8 9455 9355
FAX: +61 8 9455 9333
email: veem@veem.com.au

DRAFTING TO AS 1100.101 AND 1100.201

TOLERANCES IN ACCORDANCE WITH -

MACHINE SURFACES 3.2 UON

DEBURR ALL SHARP EDGES

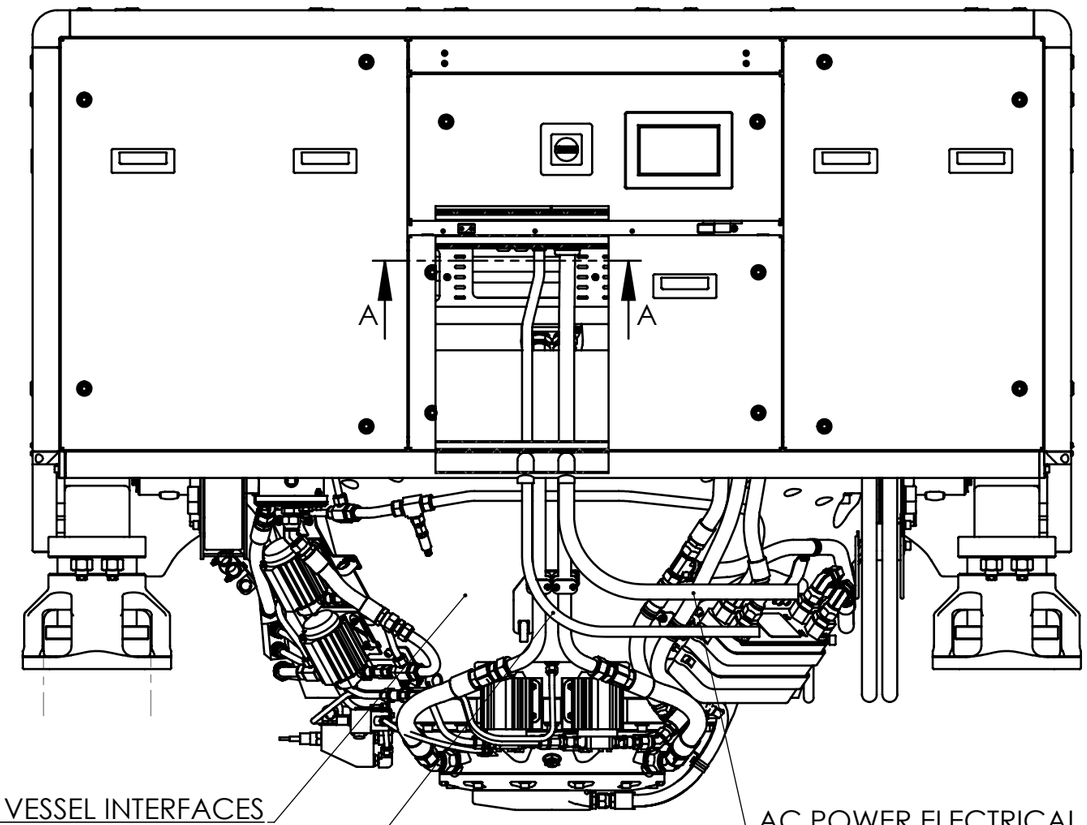
PART/ASSEMBLY No	MASS	TOTAL QTY / GYRO
0260-AT-1000-7	SEE SHEET 2	1

DESCRIPTION: COOLING INTERFACE CONNECTIONS

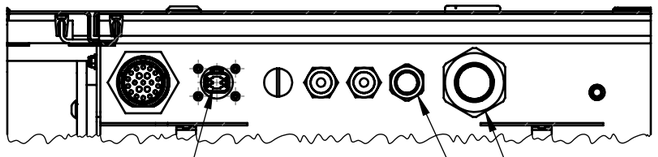
DRG No: 0260-DT-1000 REV: 8

MATERIAL: - PROCESS: ASSEMBLY

SHEET: 04 OF 12 SCALE: 1:15 SHEET SIZE: A3



FRONT PANEL VIEW



SECTION A-A
SCALE 1 : 5

POWER SUPPLY REQUIREMENTS					
THREE PHASE SUPPLY (3Ø) 50/60Hz					
VOLTAGE:		400V**	415V	440V	460V
PHASE CURRENT: BEARINGS RUN-IN	44 kVA	63 Arms	61 Arms	58 Arms	55 Arms
PHASE CURRENT: NEW BEARINGS ***	44 kVA	63 Arms	61 Arms	58 Arms	55 Arms
NOTES: PHASE CURRENTS BASED ON MINIMUM POWER FACTOR OF 0.80, ACTUAL POWER FACTOR DEPENDS ON THE VESSEL POWER DISTRIBUTION DESIGN.					
DC SUPPLY: 24V, 76A (MIN 70Ah UNINTERRUPTED SUPPLY OF 24V DC REQUIRED IN THE EVENT OF LOSS OF AC POWER)					
ELECTRICAL & DATA CABLES TERMINATED THROUGH GLANDS IN CABINET, SEE SHEET 12					
CABLING AND BREAKERS TO BE SIZED ACCORDING TO SHEET 12					
HARMONICS: OVERALL POWER DISTRIBUTION & HARMONIC VOLTAGE DISTORTION MANAGEMENT IS THE RESPONSIBILITY OF THE POWER DISTRIBUTION INTEGRATOR. SEE VEEM DOCUMENT 0260-SE-0001 FOR GYRO STABILISER HARMONIC CURRENT DISTORTION SPECTRUM MEASURED AT FACTORY FOR VG100SD & VG140SD					
** MINIMUM OF 398 V_{RMS} MUST BE PROVIDED AND MEASURED AT THE GYRO. LOWER VOLTAGE AT GYRO MAY RESULT IN LESS THAN RATED RPM BEING ACHIEVED.					
*** THE VEEM GYRO IS DELIVERED WITH BEARINGS RUN-IN AT FACTORY. THE POWER SUPPLY REQUIRED IN THIS CONDITION IS AS DESCRIBED IN THE ROW IN TABLE ABOVE MARKED "PHASE CURRENT (BEARINGS RUN-IN)". AFTER BEARINGS ARE REPLACED IN THE FIELD THERE WILL BE A RUN-IN PERIOD DURING WHICH THE RUNNING RESISTANCE OF THE NEW BEARINGS WILL BE HIGHER. THE RUN-IN PERIOD DEPENDS UPON THE LEVEL OF LOADING OF THE BEARINGS DURING THAT PERIOD AND CAN VARY WIDELY (50 HOURS UNDER HEAVY LOADING, UP TO HUNDREDS OF HOURS UNDER LIGHT LOADING CONDITIONS). IF THE POWER SUPPLY IS MAINTAINED AT THE SAME LEVEL AS FOR RUN-IN BEARINGS, A PERIOD OF LOWER ACHIEVABLE RPM IS EXPECTED. OPTIONALLY, IF PREFERRED, IN ORDER TO OVERCOME THE ADDITIONAL RESISTANCE DURING THIS PERIOD (AND THEREFORE MAINTAIN RATED RPM), ADDITIONAL POWER IS REQUIRED AS DESCRIBED IN THE ROW IN THE TABLE ABOVE MARKED "PHASE CURRENT (NEW BEARINGS)".					

VEEM MARINE
PROPELLERS AND GYROSTABILIZERS

COPYRIGHT 2021 - ALL RIGHTS RESERVED BY VEEM LTD. THIS DRAWING HAS BEEN PRODUCED BY VEEM LTD. NO PART MAY BE COPIED, MODIFIED OR REPRODUCED IN ANY MANNER WITHOUT PRIOR WRITTEN APPROVAL OF VEEM LTD - www.veem.com.au

VEEM ENGINEERING GROUP
22 BAILE RD
CANNING VALE, WA 6155
TEL: +61 8 9455 9355
FAX: +61 8 9455 9333
email: veem@veem.com.au

DRAFTING TO AS 1100.101 AND 1100.201

TOLERANCES IN ACCORDANCE WITH -

MACHINE SURFACES 3.2 UON
DEBURR ALL SHARP EDGES

PART/ASSEMBLY No	MASS	TOTAL QTY / GYRO
0260-AT-1000-7	SEE SHEET 2	1

DESCRIPTION: ELECTRICAL POWER CONNECTIONS

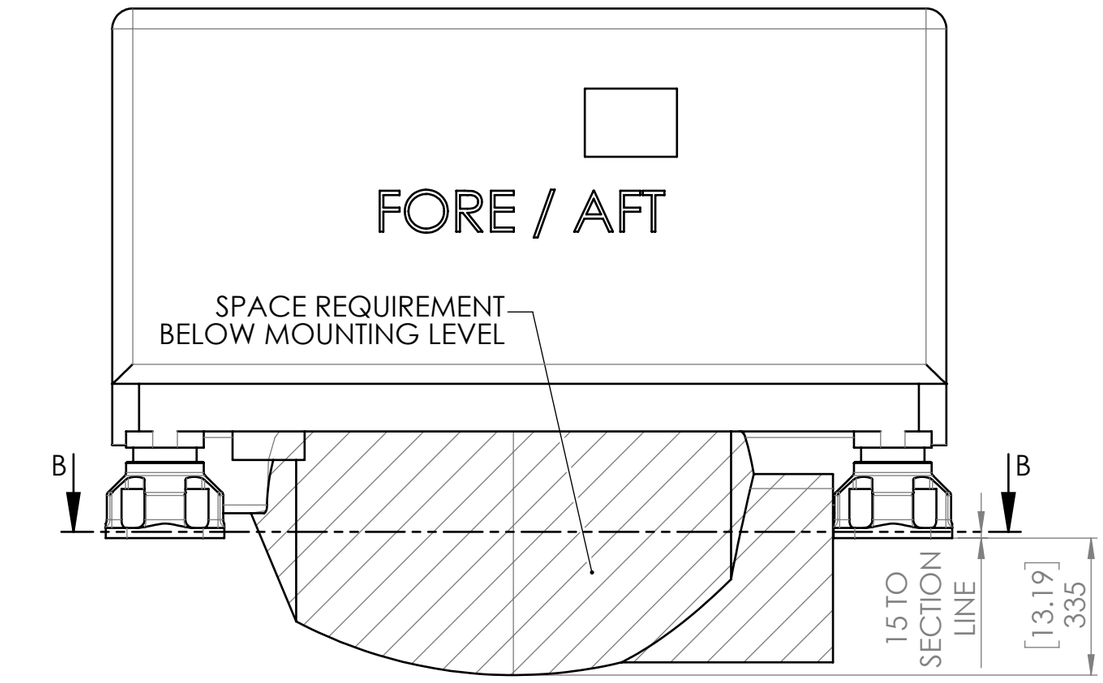
DRG No: 0260-DT-1000 REV: 8

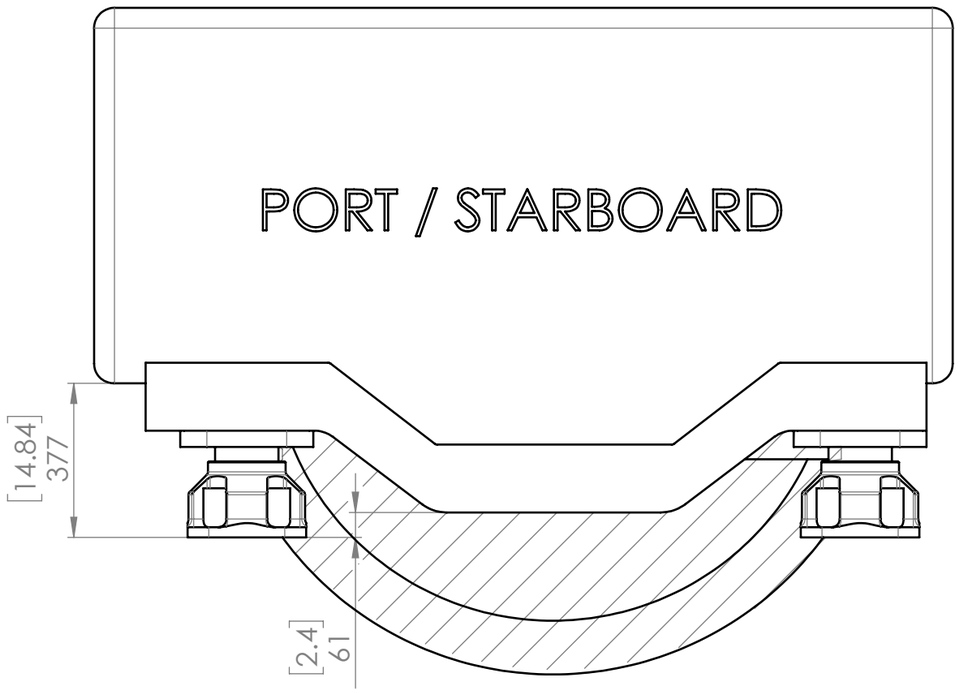
MATERIAL: - PROCESS: ASSEMBLY

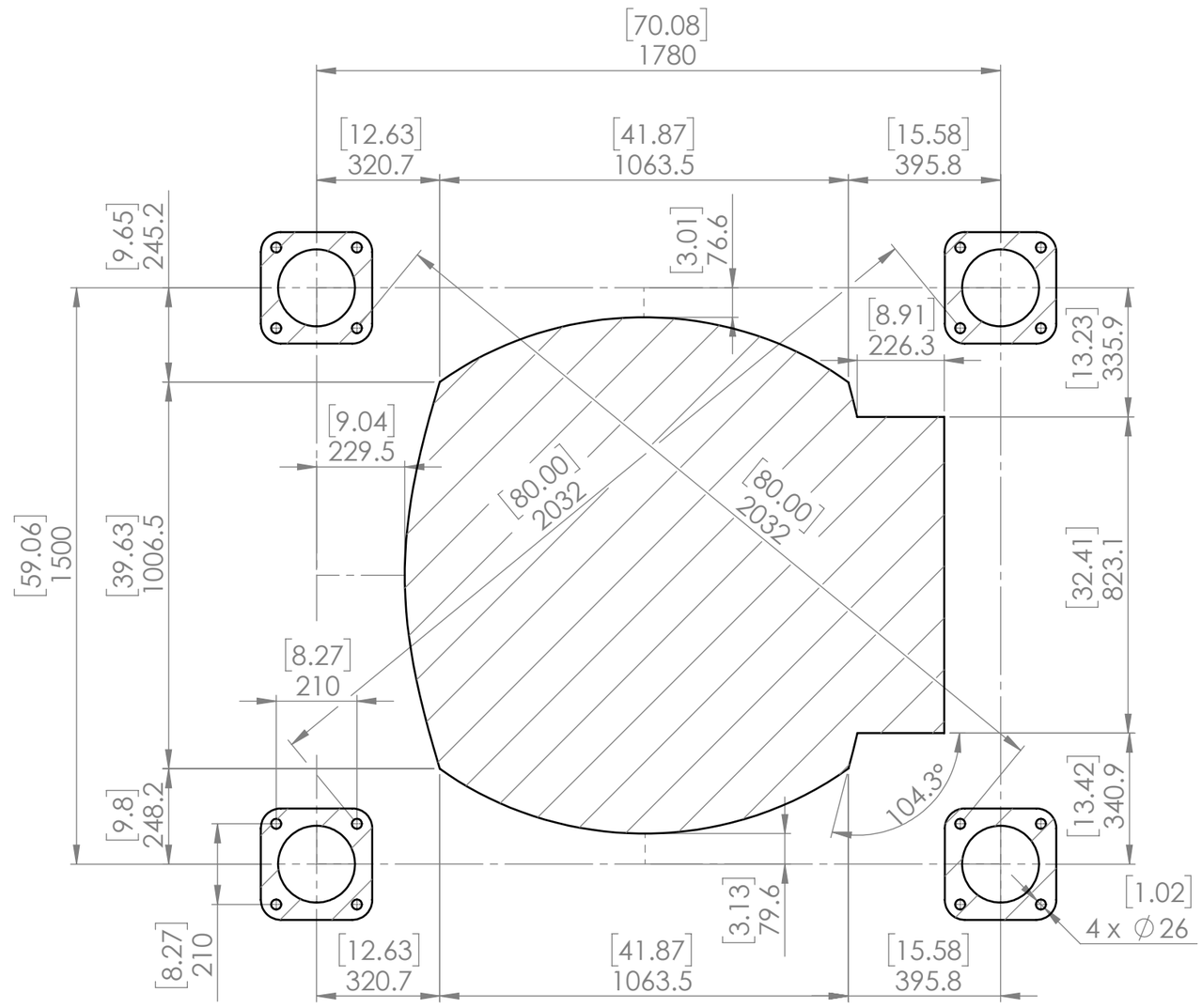
SHEET: 05 OF 12 SCALE: 1:10 SHEET SIZE: A3

NOTES:

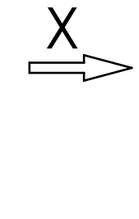
- THE HATCHED AREA IS REQUIRED FOR SAFE OPERATION.
- MOUNTING SURFACES AT FOUR LOCATIONS TO BE LEVEL WITHIN 1mm ACROSS EACH MOUNT AND WITHIN 4mm ACROSS THE WHOLE FOOTPRINT.
- MOUNTING HOLE PATTERN TO BE DRILLED WITHIN +/-0.5mm
- ALL DIMENSIONS IN: mm AND DIMENSIONS IN BRACKETS: [Inches]
- IT IS RECOMMENDED THAT THE STRUCTURAL INTERFACE DESIGNER MAKE PROVISION FOR ACCESS BELOW THE GYRO BY A TECHNICIAN. THIS WILL SAVE SIGNIFICANT TIME IN EXECUTING SOME SERVICE AND MAINTENANCE TASKS.







SECTION B-B
VIEW FROM ABOVE



COPYRIGHT 2021 - ALL RIGHTS RESERVED BY VEEM LTD. THIS DRAWING HAS BEEN PRODUCED BY VEEM LTD. NO PART MAY BE COPIED, MODIFIED OR REPRODUCED IN ANY MANNER WITHOUT PRIOR WRITTEN APPROVAL OF VEEM LTD - www.veem.com.au

VEEM ENGINEERING GROUP
22 BAILE RD
CANNING VALE, WA 6155
TEL: +61 8 9455 9355
FAX: +61 8 9455 9333
email: veem@veem.com.au

DRAFTING TO AS 1100.101 AND 1100.201

TOLERANCES IN ACCORDANCE WITH -

MACHINE SURFACES 3.2 UON

DEBURR ALL SHARP EDGES

PART/ASSEMBLY No	MASS	TOTAL QTY / GYRO
0260-AT-1000-6	SEE SHEET 2	1

DESCRIPTION: SPACE REQUIREMENTS UNDER STABILISER

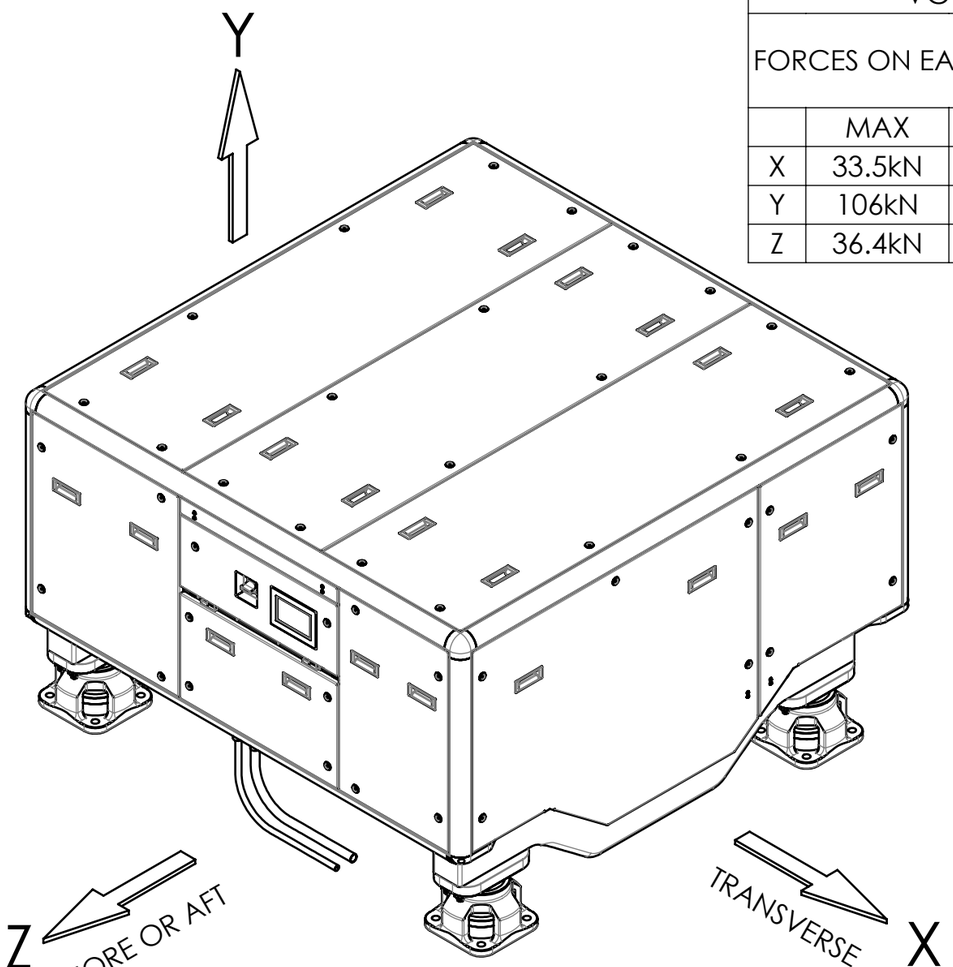
DRG No: 0260-DT-1000 | REV: 8

MATERIAL | PROCESS: ASSEMBLY

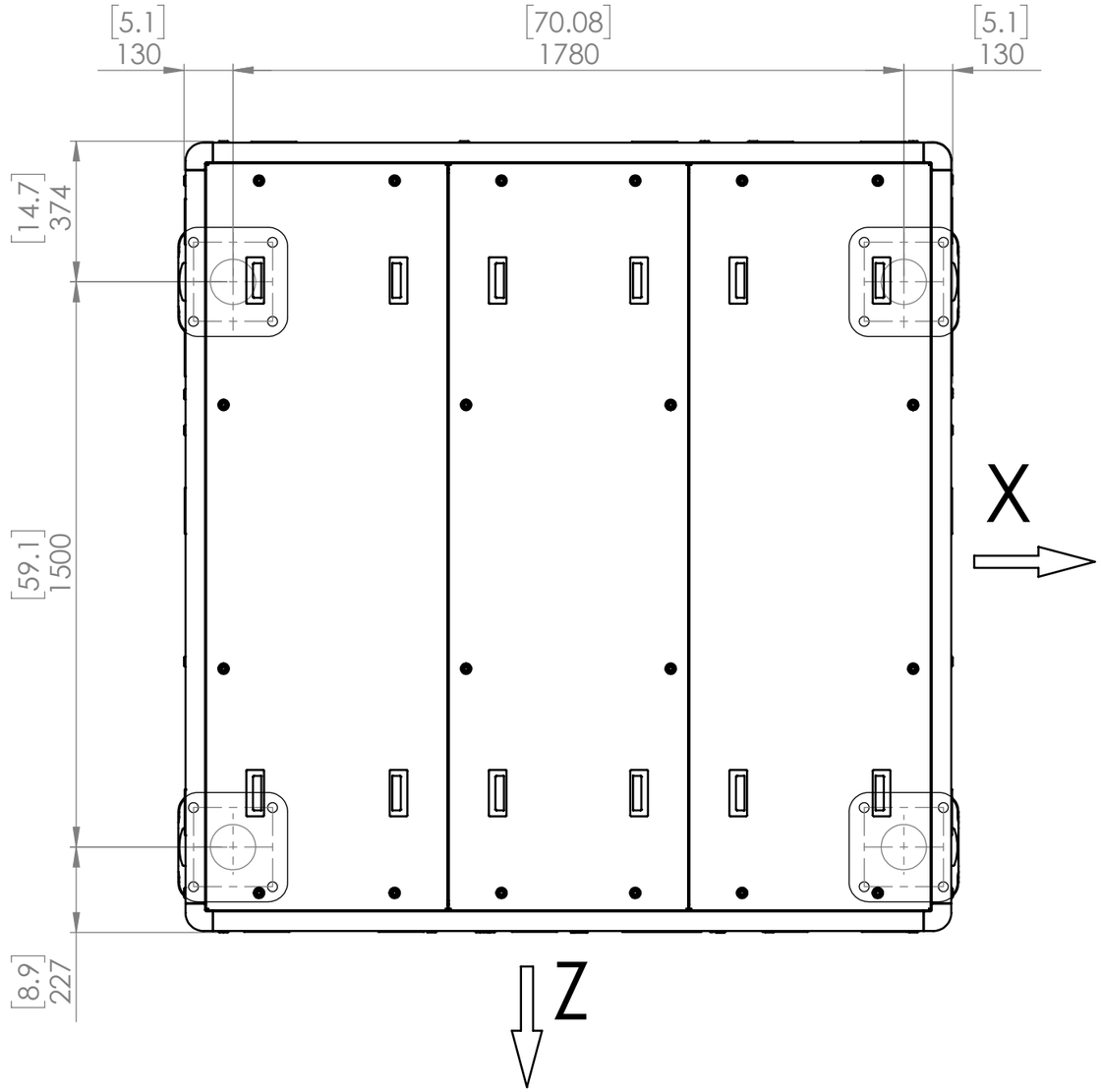
SHEET: 06 OF 12 | SCALE: 1:15 | SHEET SIZE: A3

VG100SD		
FORCES ON EACH MOUNT FOOT		
	MAX	MIN
X	30.2kN	-30.2kN
Y	106kN	-130kN
Z	33.3kN	-33.3kN

VG140SD		
FORCES ON EACH MOUNT FOOT		
	MAX	MIN
X	33.5kN	-33.5kN
Y	106kN	-137kN
Z	36.4kN	-36.4kN



ISOMETRIC VIEW



WARNING !

GYRO-INDUCED LOADS ARE VERY LARGE.
FULL STRUCTURAL ANALYSIS IS REQUIRED
TO PROVIDE SUFFICIENT SUPPORT.

NOTES:

- FY (VERTICAL) LOADS SHALL BE CONSIDERED TO FULLY REVERSE AT THE VESSELS NATURAL ROLLING PERIOD.
- FX AND FZ (HORIZONTAL) LOADS SHALL BE CONSIDERED TO FULLY REVERSE AT HALF THE VESSELS NATURAL ROLLING PERIOD.
- EACH LOAD SHALL BE CONSIDERED TO BE INDEPENDENT. ONEROUS LOAD COMBINATIONS SHALL BE CONSIDERED.
- TO BE READ IN CONJUNCTION WITH TECHNICAL NOTE 1404.
- LOADS ARE SAME FOR CW OR CCW ROTATION.
- ALL DIMENSIONS IN: mm AND DIMENSIONS IN BRACKETS: [Inches]

VEEM PROPELLERS AND GYROSTABILIZERS MARINE

COPYRIGHT 2021 - ALL RIGHTS RESERVED BY VEEM LTD. THIS DRAWING HAS BEEN PRODUCED BY VEEM LTD. NO PART MAY BE COPIED, MODIFIED OR REPRODUCED IN ANY MANNER WITHOUT PRIOR WRITTEN APPROVAL OF VEEM LTD - www.veem.com.au

VEEM ENGINEERING GROUP
22 BAILE RD
CANNING VALE, WA 6155
TEL: +61 8 9455 9355
FAX: +61 8 9455 9333
email: veem@veem.com.au

DRAFTING TO AS 1100.101 AND 1100.201

TOLERANCES IN ACCORDANCE WITH -

MACHINE SURFACES 3.2 UON

DEBURR ALL SHARP EDGES

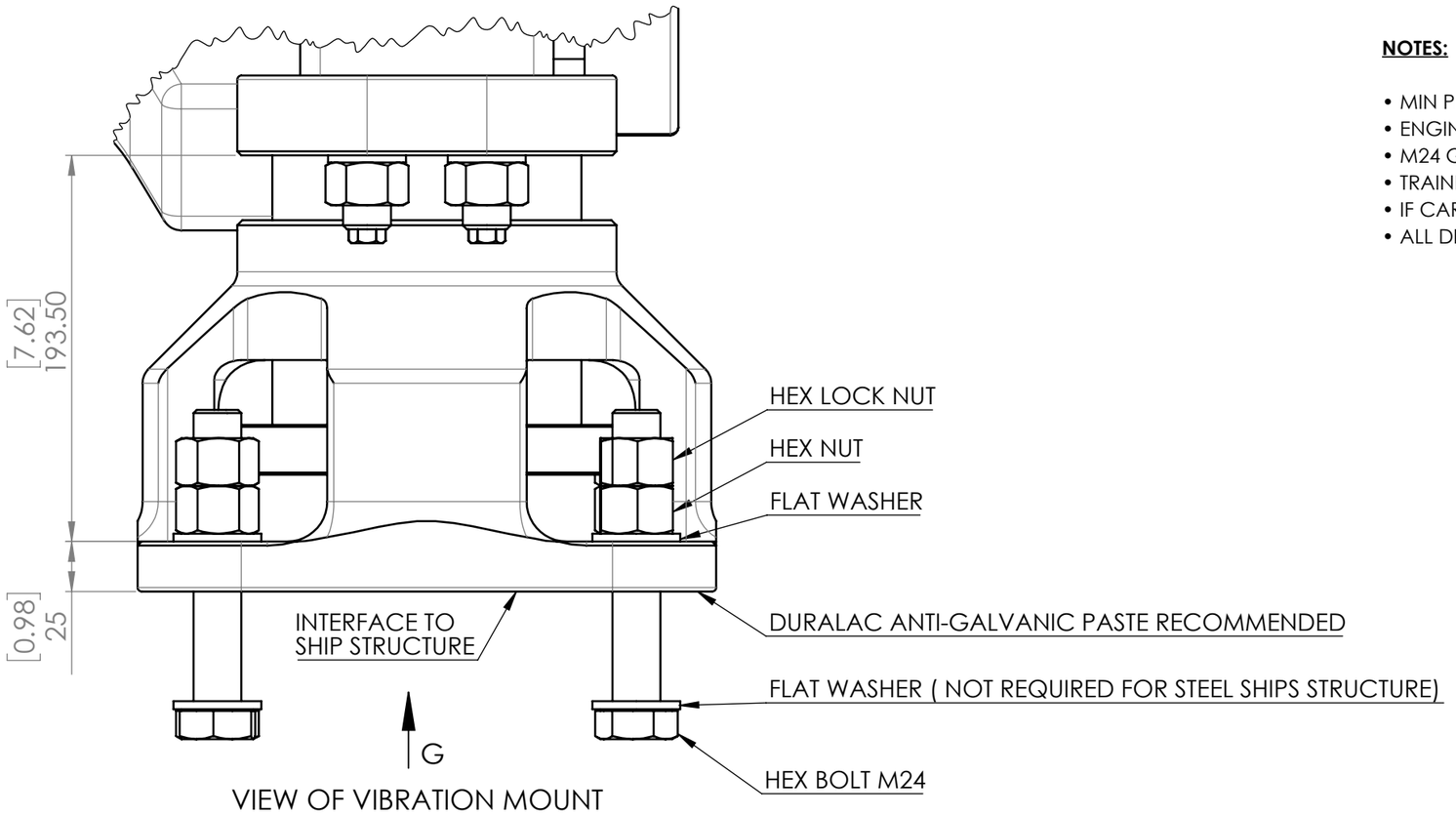
PART/ASSEMBLY No	MASS	TOTAL QTY / GYRO
0260-AT-1000-6	SEE SHEET 2	1

DESCRIPTION: FORCES ON MOUNTS

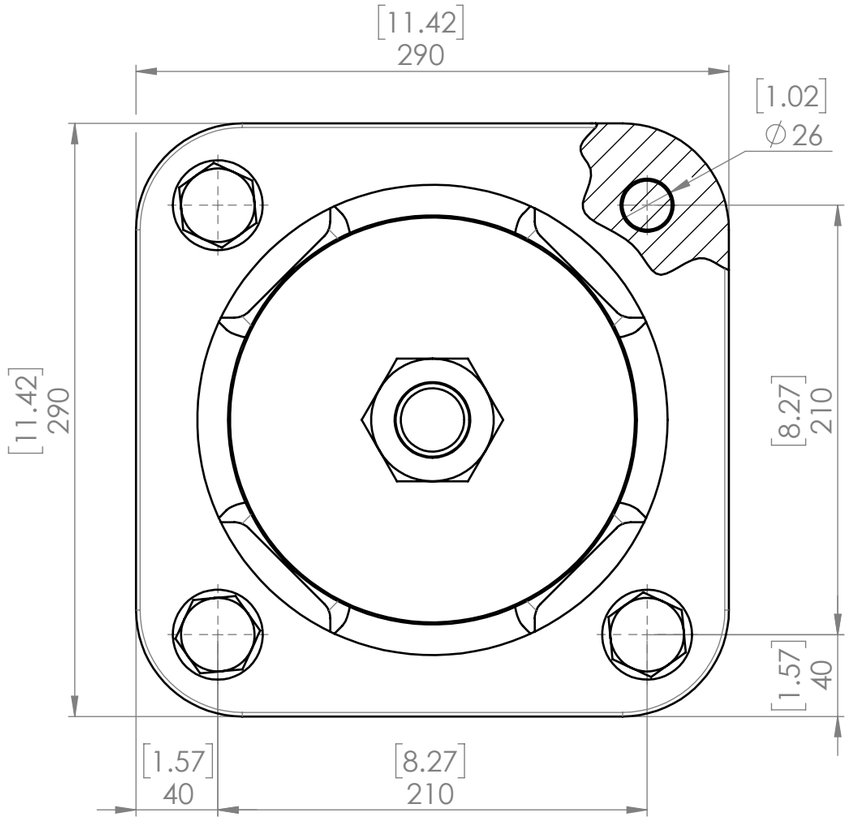
DRG No: 0260-DT-1000 | REV: 8

MATERIAL | PROCESS: ASSEMBLY

SHEET: 07 OF 12 | SCALE: 1:10 | SHEET SIZE: A3



VIEW OF VIBRATION MOUNT



NOTES:

- MIN PRE-LOAD 147kN ±10% ON MOUNT BOLTS.
- ENGINEERING OF TIGHTENING METHOD IS THE RESPONSIBILITY OF THE INSTALLER.
- M24 GRADE 8.8, SS A4-80 OR EQUIVALENT RECOMMENDED.
- TRAINED TECHNICIAN WITH MEANS TO MEASURE PRE-LOAD ACHIEVED WITHIN ±10% REQUIRED.
- IF CARBON STEEL FASTENERS USED, PROTECTIVE COATING REQUIRED TO PREVENT CORROSION.
- ALL DIMENSIONS IN: mm AND DIMENSIONS IN BRACKETS: [Inches].

VEEM MARINE
PROPELLERS AND GYROSTABILIZERS

COPYRIGHT 2021 - ALL RIGHTS RESERVED BY VEEM LTD. THIS DRAWING HAS BEEN PRODUCED BY VEEM LTD. NO PART MAY BE COPIED, MODIFIED OR REPRODUCED IN ANY MANNER WITHOUT PRIOR WRITTEN APPROVAL OF VEEM LTD - www.veem.com.au

VEEM ENGINEERING GROUP
22 BAILE RD
CANNING VALE, WA 6155
TEL: +61 8 9455 9355
FAX: +61 8 9455 9333
email: veem@veem.com.au

DRAFTING TO AS 1100.101 AND 1100.201

TOLERANCES IN ACCORDANCE WITH -

MACHINE SURFACES 3.2 UON

DEBURR ALL SHARP EDGES

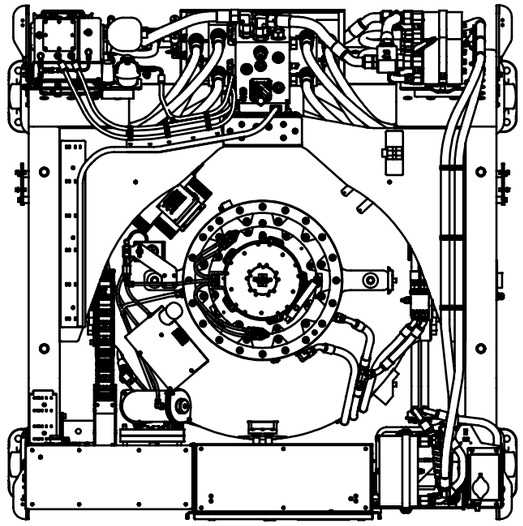
PART/ASSEMBLY No	MASS	TOTAL QTY / GYRO
0260-AT-1000-7	SEE SHEET 2	1

DESCRIPTION: MOUNTING INTERFACE

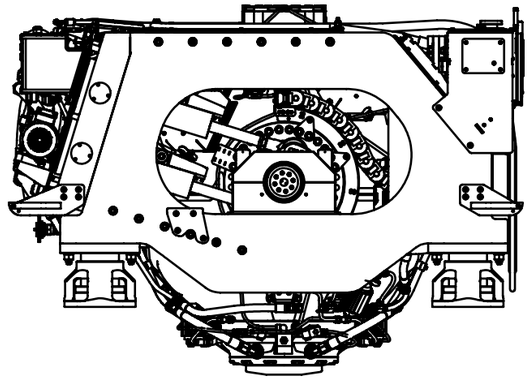
DRG No: 0260-DT-1000 | REV: 8

MATERIAL: - | PROCESS: ASSEMBLY

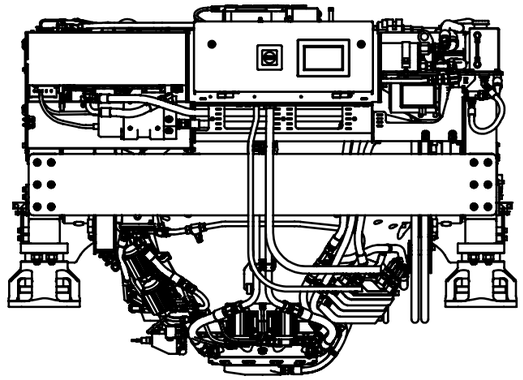
SHEET: 08 OF 12 | SCALE: 1:3 | SHEET SIZE: A3



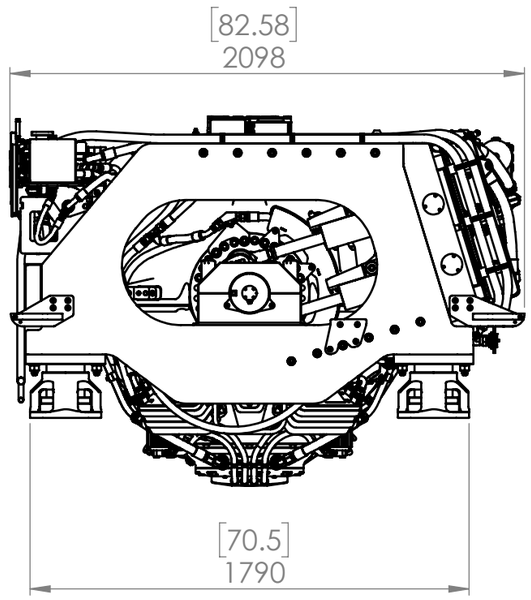
TOP VIEW



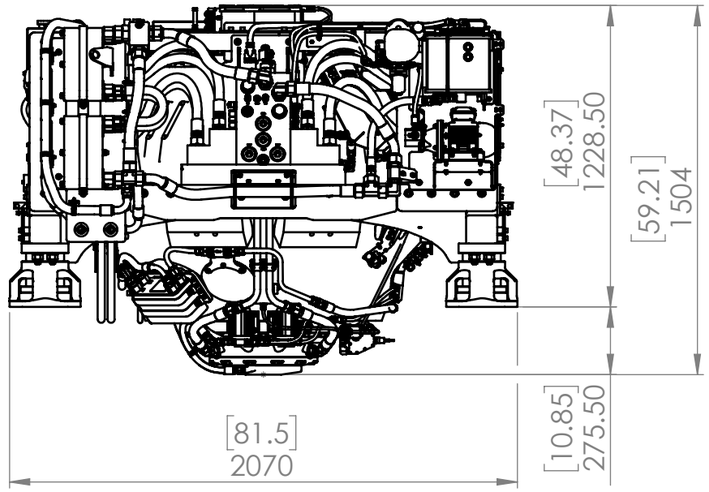
LEFT PANEL VIEW



FRONT PANEL VIEW



RIGHT PANEL VIEW



REAR PANEL VIEW

ELEVATIONS WITH ENCLOSURE REMOVED

NOTES:

- ALL DIMENSIONS IN: mm AND DIMENSIONS IN BRACKETS: [Inches].
- ENCLOSURE PANELS REQUIRED TO PROTECT PERSONNEL FROM INJURY.
- SEE OPERATING MANUAL FOR NOTES ON REMOVING ENCLOSURE PANELS AT OWNERS RISK.

VEEM MARINE
PROPELLERS AND GYROSTABILIZERS

COPYRIGHT 2021 - ALL RIGHTS RESERVED BY VEEM LTD. THIS DRAWING HAS BEEN PRODUCED BY VEEM LTD. NO PART MAY BE COPIED, MODIFIED OR REPRODUCED IN ANY MANNER WITHOUT PRIOR WRITTEN APPROVAL OF VEEM LTD - www.veem.com.au

VEEM ENGINEERING GROUP
22 BAILE RD
CANNING VALE, WA 6155
TEL: +61 8 9455 9355
FAX: +61 8 9455 9333
email: veem@veem.com.au

DRAFTING TO AS 1100.101 AND 1100.201

TOLERANCES IN ACCORDANCE WITH -

MACHINE SURFACES 3.2 UON
DEBURR ALL SHARP EDGES

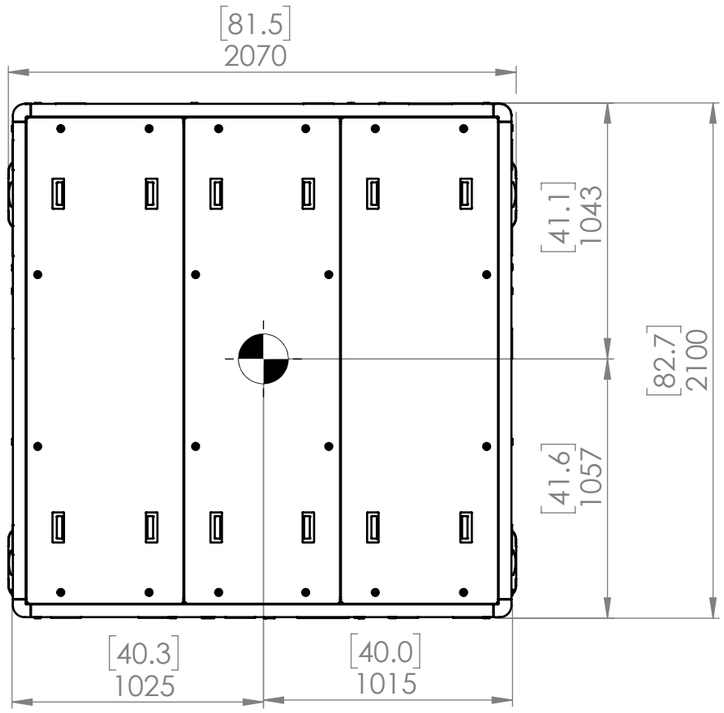
PART/ASSEMBLY No	MASS	TOTAL QTY / GYRO
0260-AT-1000-7	SEE SHEET 2	1

DESCRIPTION: ELEVATIONS WITHOUT ENCLOSURE

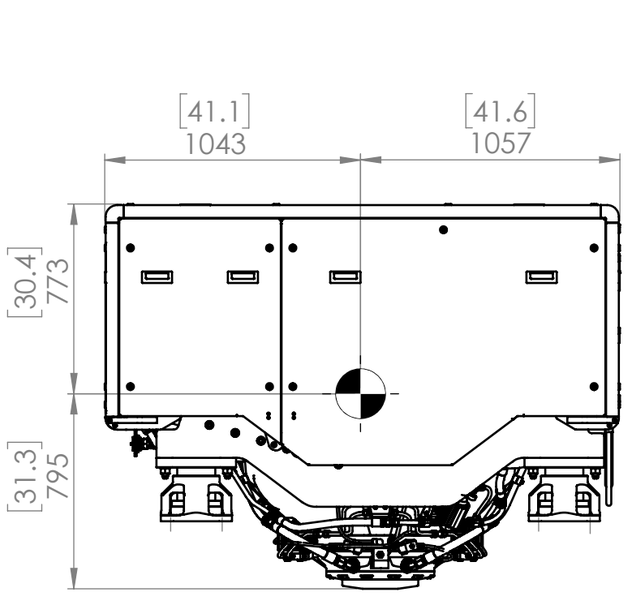
DRG No: 0260-DT-1000 | REV: 8

MATERIAL: - | PROCESS: ASSEMBLY

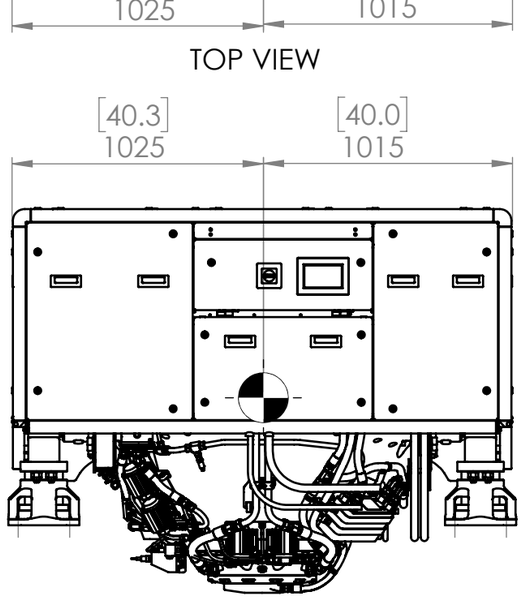
SHEET: 09 OF 12 | SCALE: 1:25 | SHEET SIZE: A3



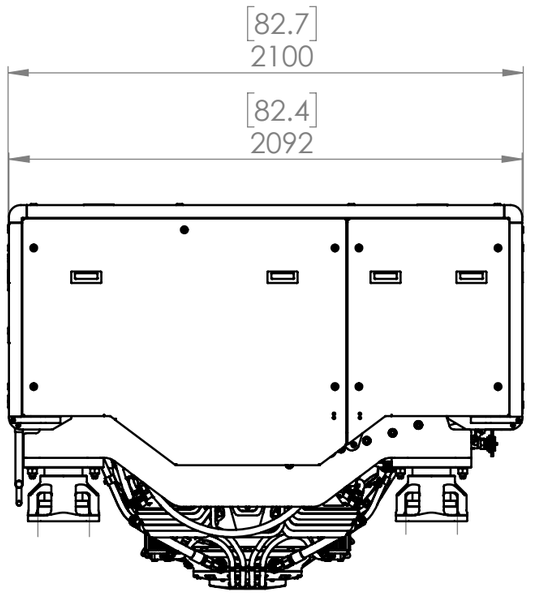
TOP VIEW



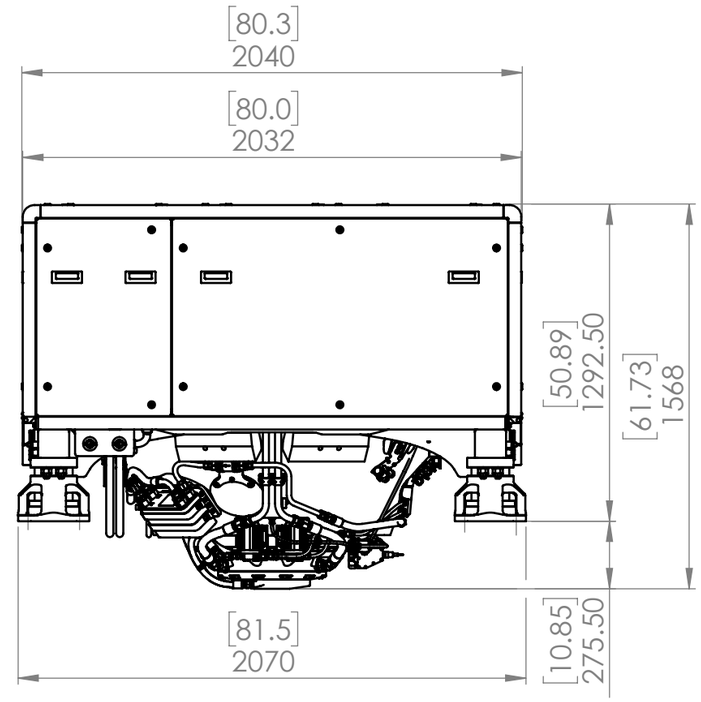
LEFT PANEL VIEW



FRONT PANEL VIEW



RIGHT PANEL VIEW



REAR PANEL VIEW

ELEVATIONS WITH ENCLOSURE INSTALLED

NOTE:

- -⊕- LOCATION CENTRE OF GRAVITY
- ALL DIMENSIONS IN: mm AND DIMENSIONS IN BRACKETS: [Inches]

VEEM MARINE
PROPELLERS AND GYROSTABILIZERS

COPYRIGHT 2021 - ALL RIGHTS RESERVED BY VEEM LTD. THIS DRAWING HAS BEEN PRODUCED BY VEEM LTD. NO PART MAY BE COPIED, MODIFIED OR REPRODUCED IN ANY MANNER WITHOUT PRIOR WRITTEN APPROVAL OF VEEM LTD - www.veem.com.au

VEEM ENGINEERING GROUP
22 BAILE RD
CANNING VALE, WA 6155
TEL: +61 8 9455 9355
FAX: +61 8 9455 9333
email: veem@veem.com.au

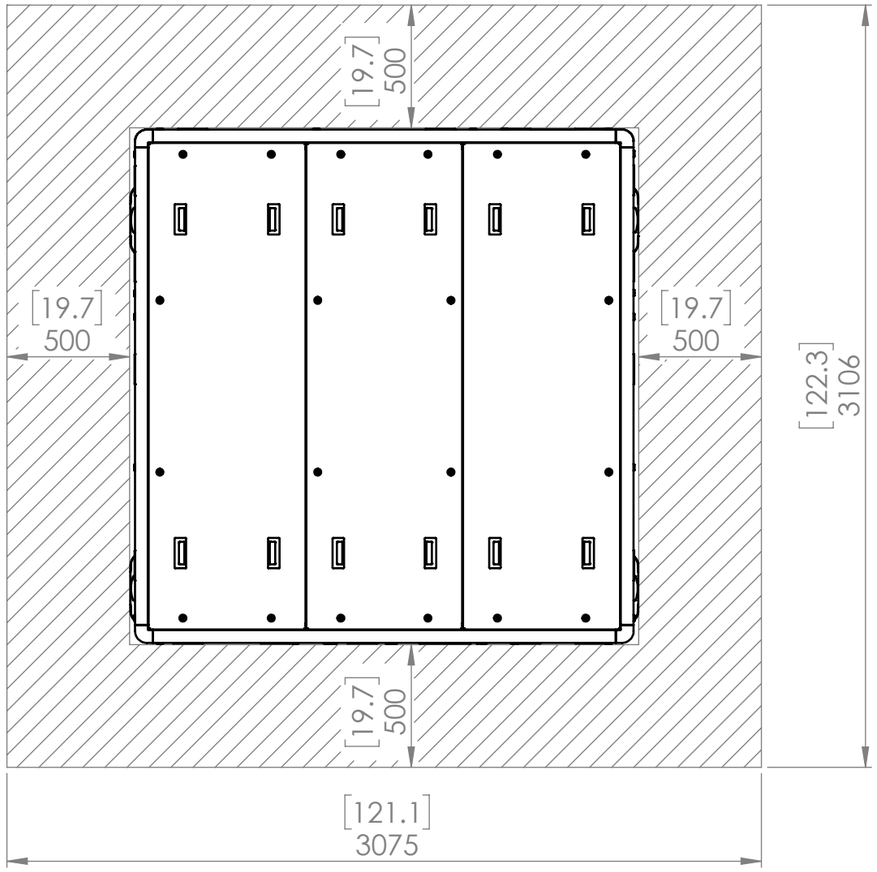
DRAFTING TO AS 1100.101 AND 1100.201

TOLERANCES IN ACCORDANCE WITH -

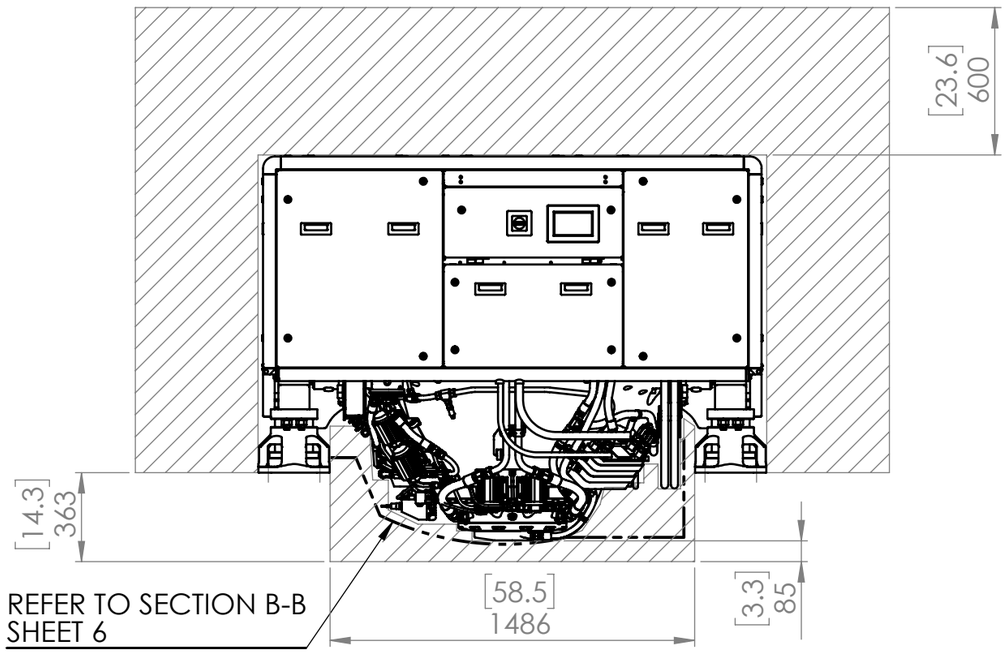
MACHINE SURFACES 3.2 UON

DEBURR ALL SHARP EDGES

PART/ASSEMBLY No: 0260-AT-1000-7	MASS: SEE SHEET 2	TOTAL QTY / GYRO: 1
DESCRIPTION: ELEVATIONS WITH ENCLOSURE		
DRG No: 0260-DT-1000		REV: 8
MATERIAL: -		PROCESS: ASSEMBLY
SHEET: 10 OF 12	SCALE: 1:25	SHEET SIZE: A3



TOP VIEW



FRONT PANEL VIEW

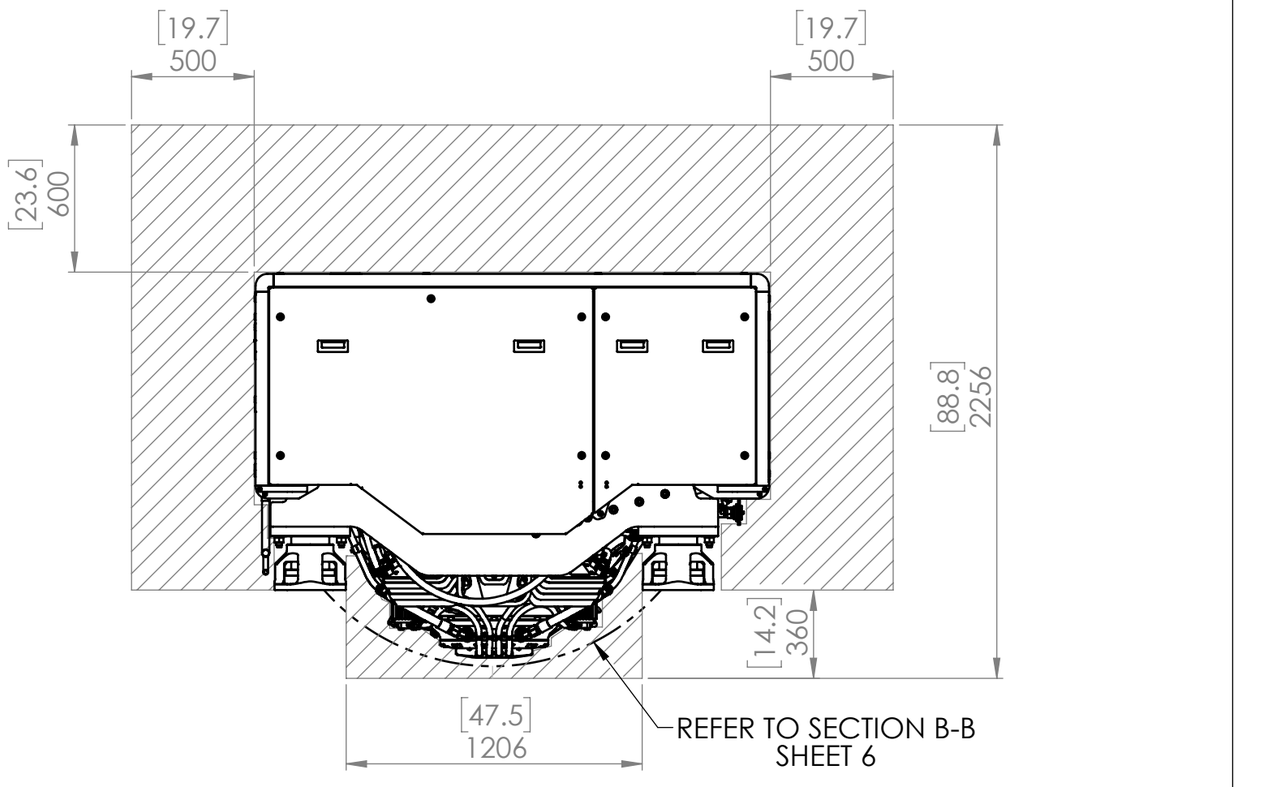
NOTES:

- ACCESS TO NUTS UNDER VIBRATION MOUNTS IS REQUIRED EXCEPT WHERE BONDED SADDLE IS USED, REFER TO SHEETS 6 & 8
- ALL DIMENSIONS IN: mm AND DIMENSIONS IN BRACKETS: [Inches]

IMPORTANT:

IF THE MINIMUM MAINTENANCE ENVELOPE
IS NOT PROVIDED, SOME MAINTENANCE AND OVER-HAUL ACTIVITIES
MAY NOT BE POSSIBLE TO COMPLETE WITHOUT REMOVING
THE GYRO FROM THE VESSEL.

REFER TO THE WARRANTY STATEMENT



SIDE VIEW

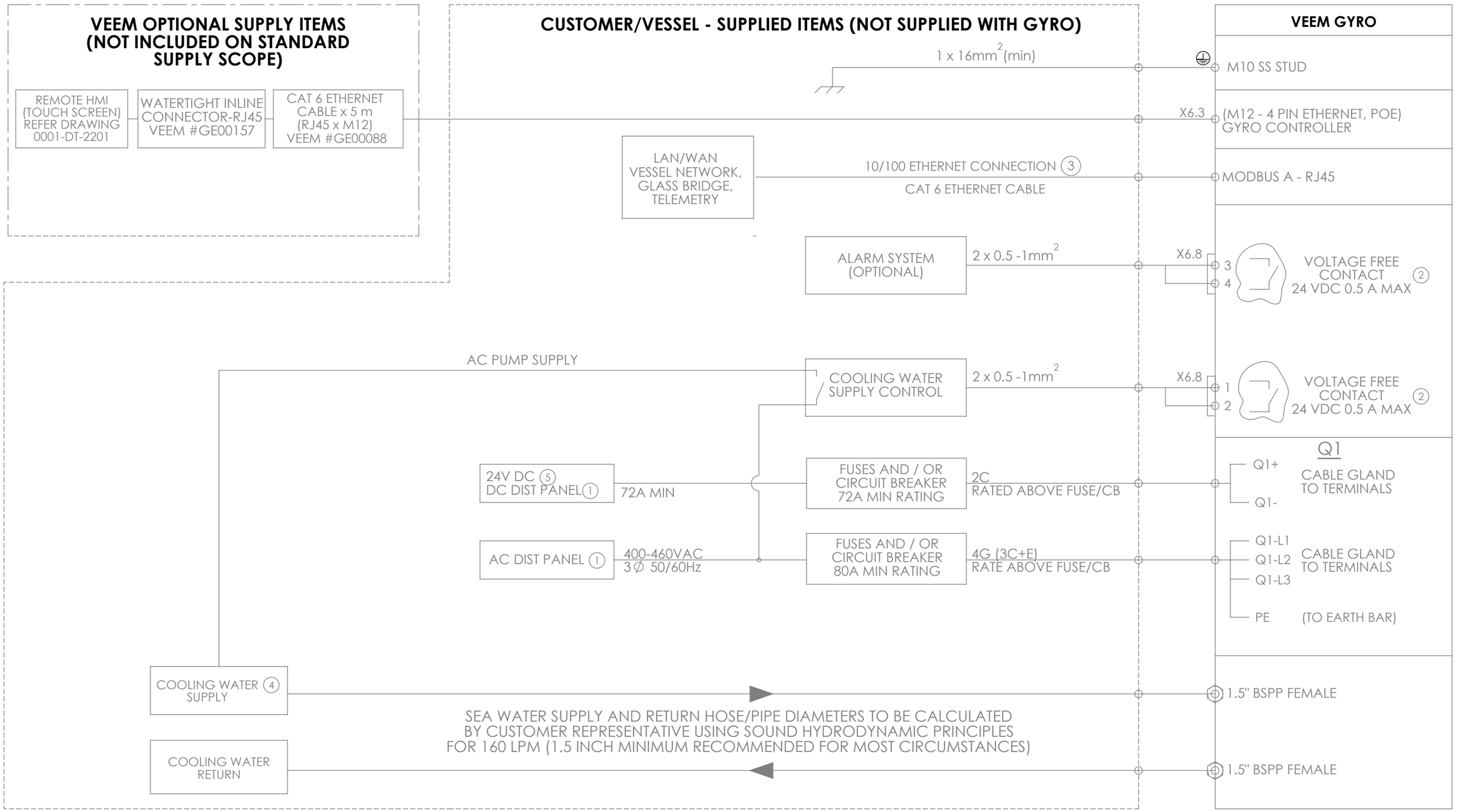
PART/ASSEMBLY No: 0260-AT-1000-7	MASS: SEE SHEET 2	TOTAL QTY / GYRO: 1

VEEM PROPELLERS AND GYROSTABILIZERS MARINE

COPYRIGHT 2021 - ALL RIGHTS RESERVED BY VEEM LTD. THIS DRAWING HAS BEEN PRODUCED BY VEEM LTD. NO PART MAY BE COPIED, MODIFIED OR REPRODUCED IN ANY MANNER WITHOUT PRIOR WRITTEN APPROVAL OF VEEM LTD - www.veem.com.au

VEEM ENGINEERING GROUP
22 BAILE RD
CANNING VALE, WA 6155
TEL: +61 8 9455 9355
FAX: +61 8 9455 9333
email: veem@veem.com.au

DRAFTING TO AS 1100.101 AND 1100.201	DESCRIPTION: MINIMUM SERVICE ACCESS SPACE	
TOLERANCES IN ACCORDANCE WITH -	DRG No: 0260-DT-1000	REV: 8
MACHINE SURFACES 3.2 UON DEBURR ALL SHARP EDGES	MATERIAL: -	PROCESS: ASSEMBLY
	SHEET: 11 OF 12	SCALE: 1:25
		SHEET SIZE: A3



THREE PHASE SUPPLY

① CABLES AND CONNECTIONS TO BE SUPPLIED BY THE CUSTOMER UNLESS NOTED OTHERWISE
② MATING CONNECTOR SUPPLIED BY VEEM (DEUTSCH DT4)
③ 10/100 ETHERNET CONNECTION REQUIRED TO RJ45 UNDER ELECTRICAL CABINET (REFER WARRANTY STATEMENT)
④ FILTRATION. REFER TO INSTALLATION MANUAL (IM-00008).
⑤ 24V DC SUPPLY TO BE UNINTERRUPTED FOR 60 MINUTES IN CASE OF LOSS OF MAIN POWER

VEEM MARINE
PROPELLERS AND GYROSTABILIZERS

COPYRIGHT 2021 - ALL RIGHTS RESERVED BY VEEM LTD. THIS DRAWING HAS BEEN PRODUCED BY VEEM LTD. NO PART MAY BE COPIED, MODIFIED OR REPRODUCED IN ANY MANNER WITHOUT PRIOR WRITTEN APPROVAL OF VEEM LTD - www.veem.com.au

VEEM ENGINEERING GROUP
22 BAILE RD
CANNING VALE, WA 6155
TEL: +61 8 9455 9355
FAX: +61 8 9455 9333
email: veem@veem.com.au

DRAFTING TO AS 1100.101 AND 1100.201
TOLERANCES IN ACCORDANCE WITH -
MACHINE SURFACES 3.2 UON
DEBURR ALL SHARP EDGES

PART/ASSEMBLY No	MASS	TOTAL QTY / GYRO
0260-AT-1000-6	SEE SHEET 2	1

DESCRIPTION: INTERFACE DIAGRAM (SCOPE OF SUPPLY)
DRG No: 0260-DT-1000
REV: 8
MATERIAL:
PROCESS: ASSEMBLY
SHEET: 12 OF 12
SCALE: 1:10
SHEET SIZE: A3