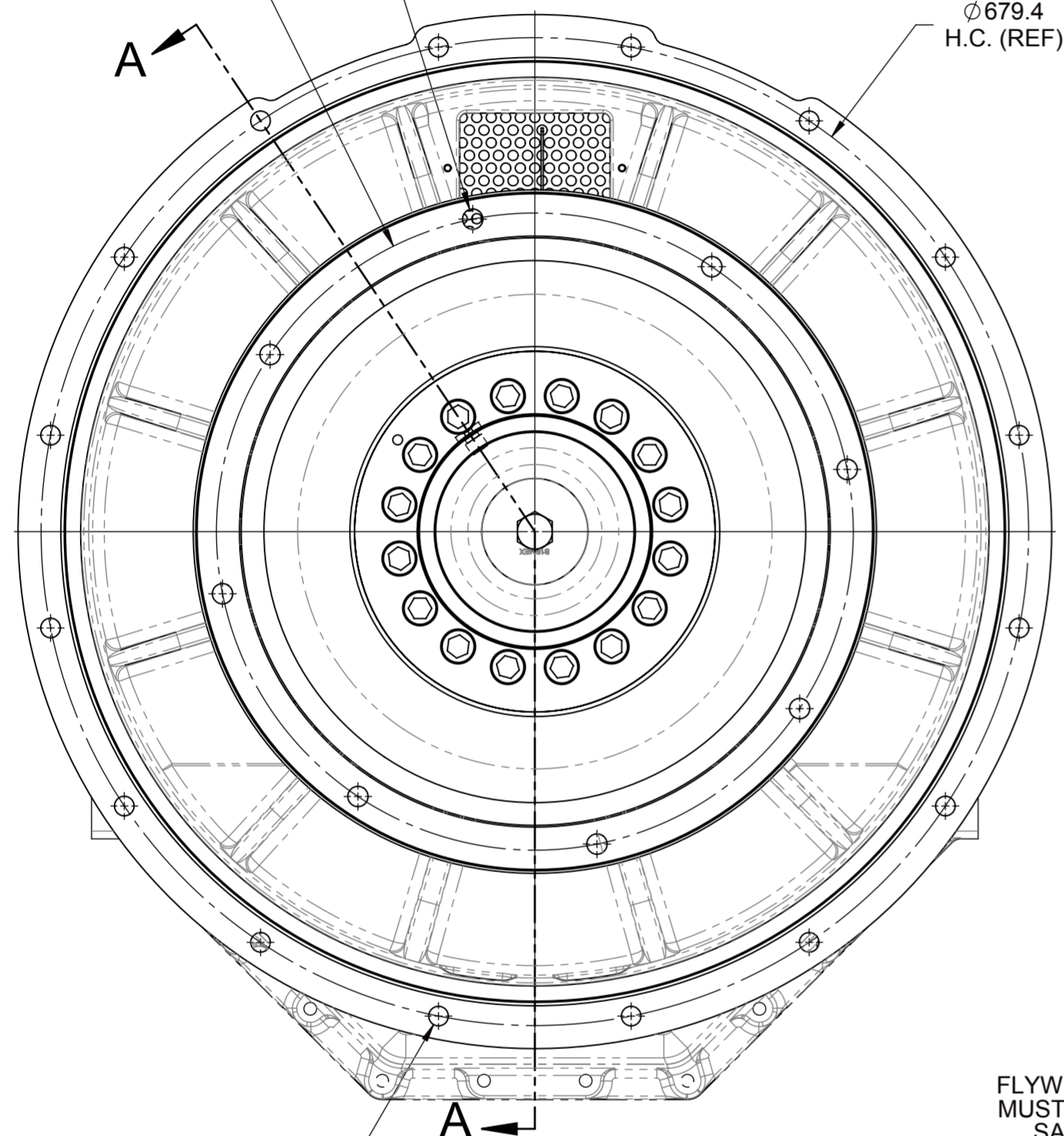


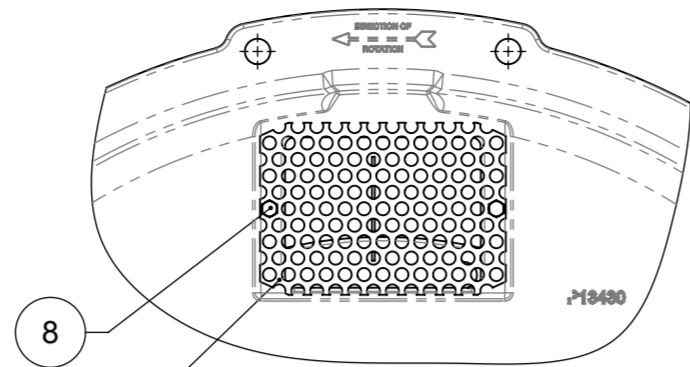
1 INPUT GROUP MOUNTING FACE

Ø 14.0 THRU
8 HOLES EQUALLY SPACED
USE 8.8 PROPERTY CLASS QUALITY
CAPSCREWS PER ISO 898-1 AND TORQUE
TO S574 OR SERVICE MANUAL VALUES.
(SCREWS ARE CUSTOMER SUPPLIED)

Ø 438.2
H.C. (REF)

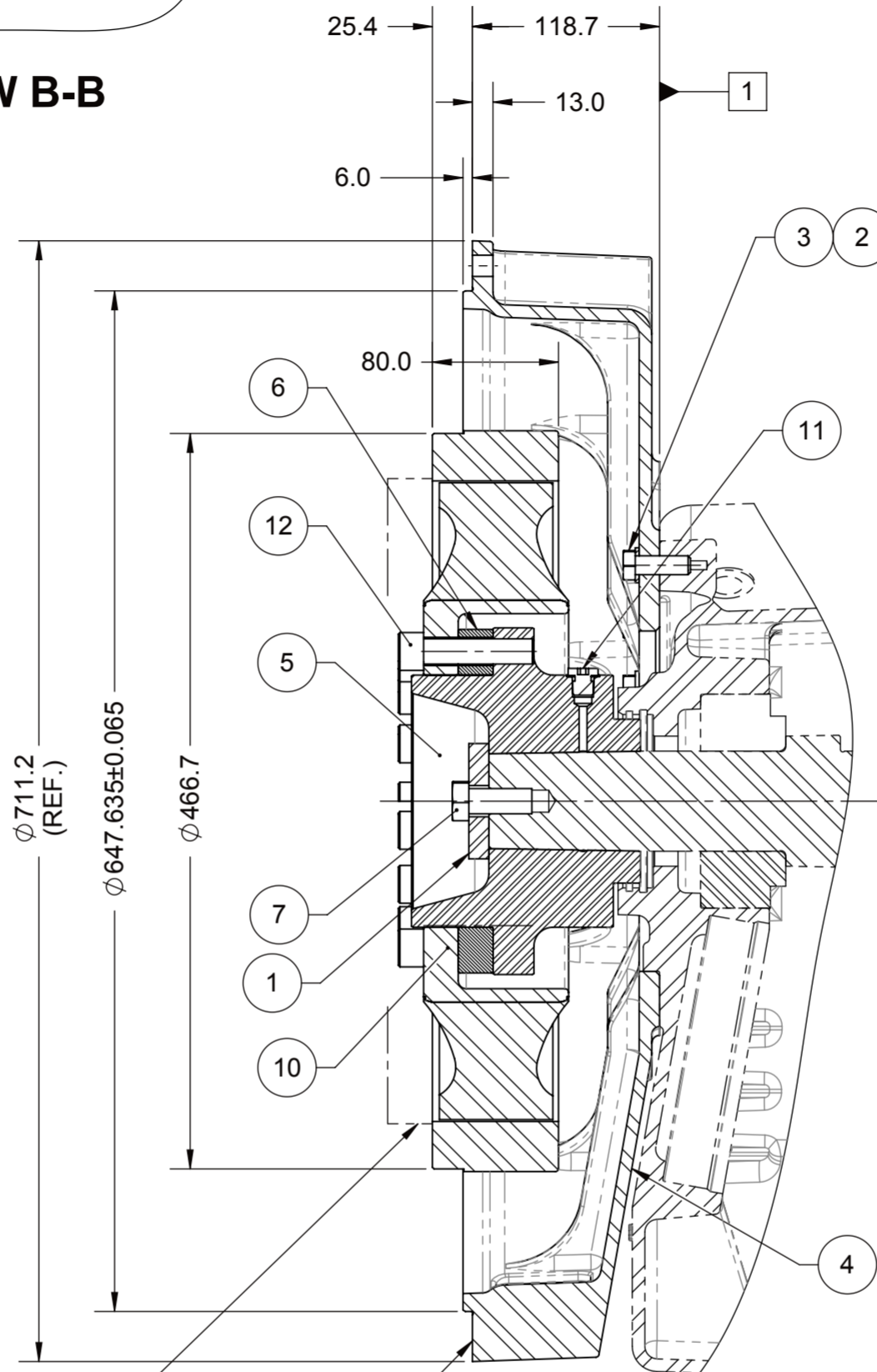


Ø 13.5 THRU
16 HOLES EQUALLY SPACED
USE 8.8 PROPERTY CLASS QUALITY
CAPSCREWS PER ISO 898-1 AND TORQUE
TO S574 OR SERVICE MANUAL VALUES.
(SCREWS ARE CUSTOMER SUPPLIED)



VIEW B-B

Ø 679.4
H.C. (REF)

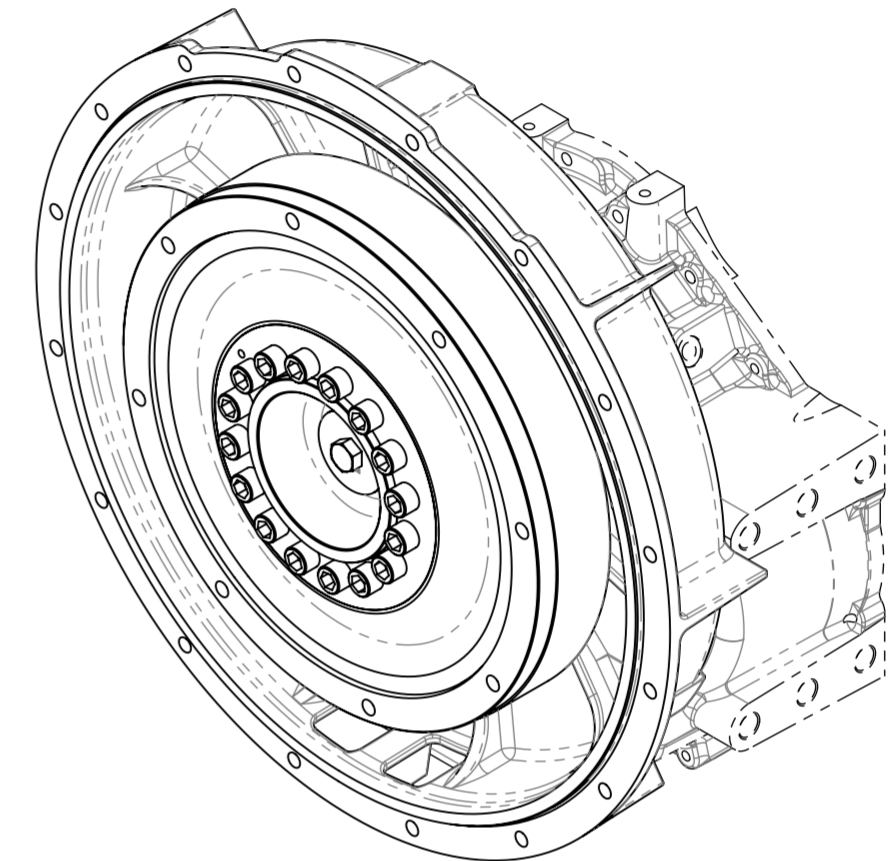


SECTION A-A

FLYWHEEL OUTLINE
MUST CONFORM TO
SAE J620 NO. 355

SAE#0 HOUSING
MOUNTING FACE
MUST CONFORM
TO SAE J617

BILL OF MATERIAL			
ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	B1504EX	WASHER, RETAINER
2	9	MA1039B	WASHER, STAMPED
3	9	MA996G	SCREW, HEX. HD.
4	1	P13430	FLANGE, PILOT
5	1	P13437	FLANGE, INPUT
6	1	P13482	SPACER
7	1	PM2018B	SCREW, HEX HEAD
8	2	PM5967B	SCREW, HEX HEAD
9	1	PX11570	COVER ASSY
10	1	PX12415	COUPLING, FLEXIBLE
11	1	1016191	PLUG
12	16	PM1534BA	SCREW, SOCKET HEAD



- REFER TO THE TRANSMISSION MASS ELASTIC DRAWING FOR OTHER MASS ELASTIC DATA.
- FOR TRANSMISSION SHIPMENT, SECURE COUPLING BY USING WIRE THROUGH COUPLING FLANGE HOLES AND SAE HOUSING FLANGE HOLES.
- AFTER ASSEMBLY OF THE MARINE TRANSMISSION ONTO THE ENGINE, VERIFICATION THAT ENGINE FLYWHEEL ENDPLAY EXISTS MUST BE MADE. IF ENGINE FLYWHEEL ENDPLAY DOES NOT EXIST, PLEASE CONTACT TWIN DISC PRODUCT SERVICE OR AUTHORIZED DISTRIBUTOR.
- SEE DRAWING 1025433F FOR ADDITIONAL COUPLING TECHNICAL DATA.

APPLICABLE MODELS:
MG-5136A PER 1027557 ASSEMBLY
MGX-5136A PER 1025600 ASSEMBLY
MG-5136SC PER 1027560 ASSEMBLY
MGX-5136SC PER 1027445 ASSEMBLY

ASSEMBLY INSTRUCTIONS:

- FOR MG-5136A & MGX-5136A
SEE S570DX SECTION I. FOR INSTRUCTIONS.
REFERENCE S570DX FOR ADDITIONAL STANDARDS AND INSTRUCTIONS THAT MAY APPLY.
- FOR MG-5136SC & MGX-5136SC
SEE S570DW SECTION I. FOR INSTRUCTIONS.
REFERENCE S570DW FOR ADDITIONAL STANDARDS AND INSTRUCTIONS THAT MAY APPLY.
- ALL FASTENERS, FITTINGS AND PLUGS TO BE TORQUED PER S574.

TD COUPLING PART NO.	COUPLING NO.	SAE J620 FLYWHEEL SIZE	MAX. COUPLING RPM*	COUPLING kg-m ²		COUPLING WEIGHT kg		
				OUTER PART	INNER PART**	OUTER PART	W/O HUB	W/ HUB
PX12415	VL-3011S	355	2500	0.490	0.263	11.00	9.60	32.02

* SEE THE TRANSMISSION ASSEMBLY DRAWING FOR MAXIMUM TRANSMISSION SPEED.

** THE WR² OF INNER PARTS INCLUDES HUB, SPACER AND 1/4 SHAFT C2.

FIRST USE ASSEMBLY: 1025600 FIRST USE MODEL: MGX-5136A SIMILAR TO:	WEIGHT: 59.40 kg WR ² : SEE TABLE kg-m ²	THIRD ANGLE PROJECTION	MATERIAL:	DATE: 06/19/2015 SCALE: 1:4	 RACINE, WI 53403 - USA PX13476
METRIC UNLESS OTHERWISE SPECIFIED MACHINED DIMENSIONS X ±0.75 XX ±0.25 XXX ±0.13 ALL ANGULAR TOLERANCES ±1° GEOMETRIC TOLERANCING PER ASME Y14.5M 1994		HEAT TREAT:	DESCRIPTION: GROUP, INPUT SAE #0 / SAE 355 VL-3011S	DWG SIZE: A2 SHEET: 1 OF 1 REV: A	

D

C

B

A