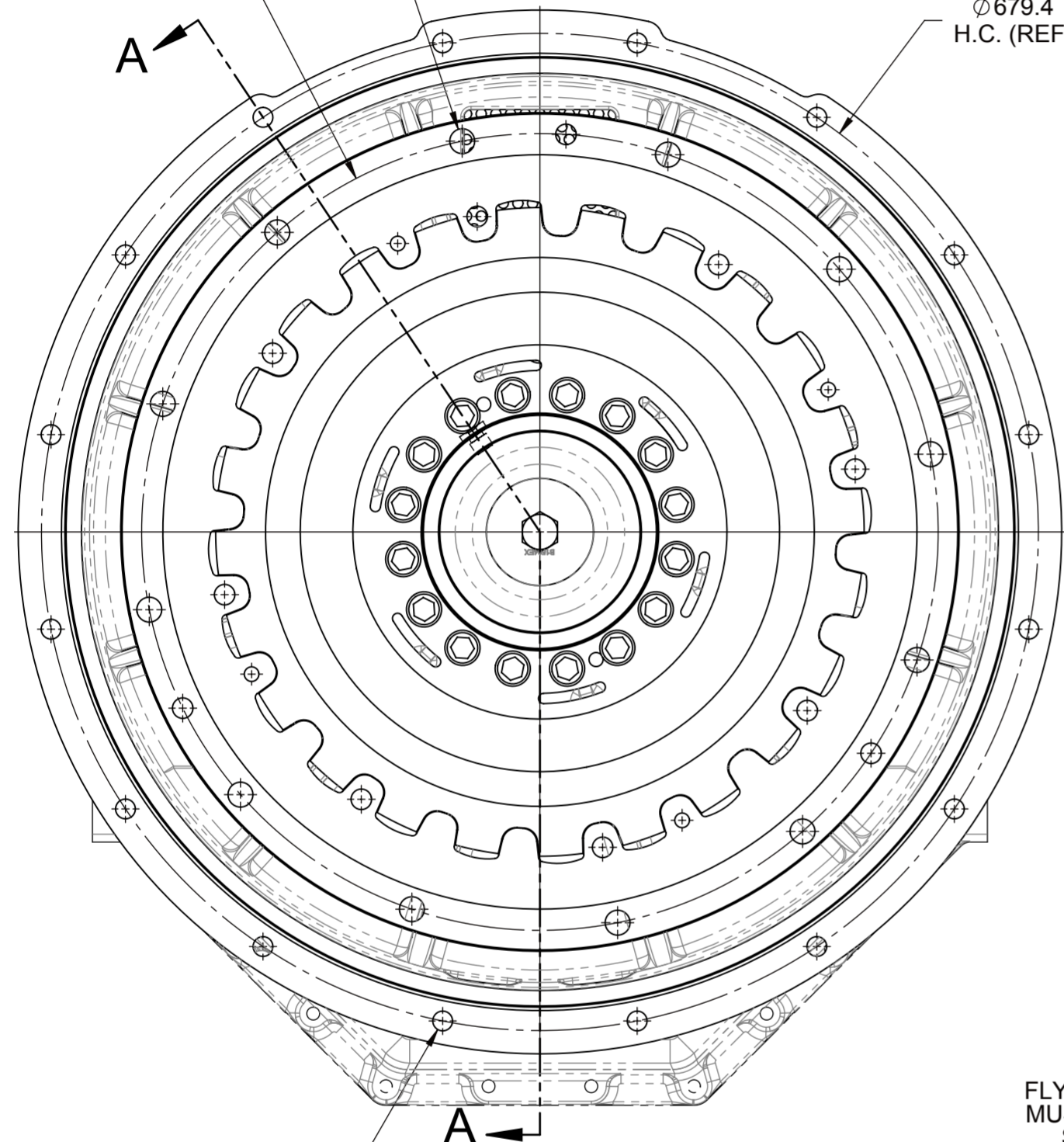


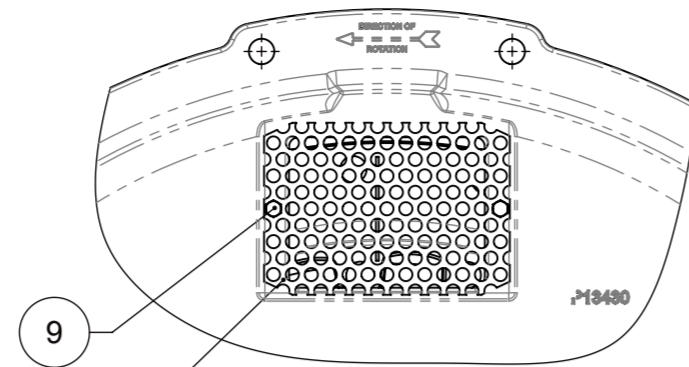
1 INPUT GROUP MOUNTING FACE

Ø 17.0 THRU  
12 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 542.9  
H.C. (REF)

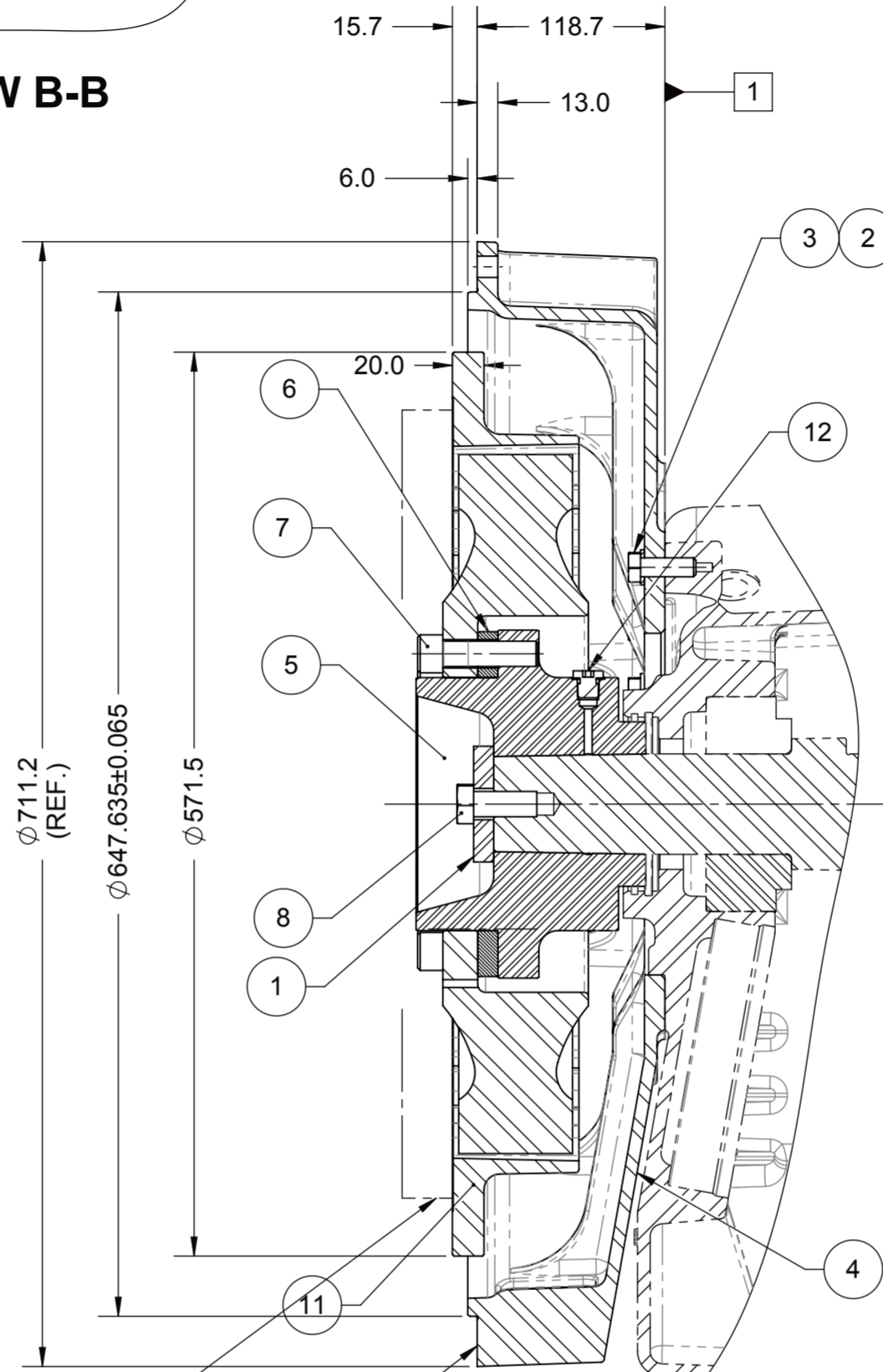


Ø 13.5 THRU  
16 HOLES EQUALLY SPACED  
USE 8.8 PROPERTY CLASS QUALITY  
CAPSCREWS PER ISO 898-1 AND TORQUE  
TO S574 OR SERVICE MANUAL VALUES.  
(SCREWS ARE CUSTOMER SUPPLIED)



VIEW B-B

Ø 679.4  
H.C. (REF)

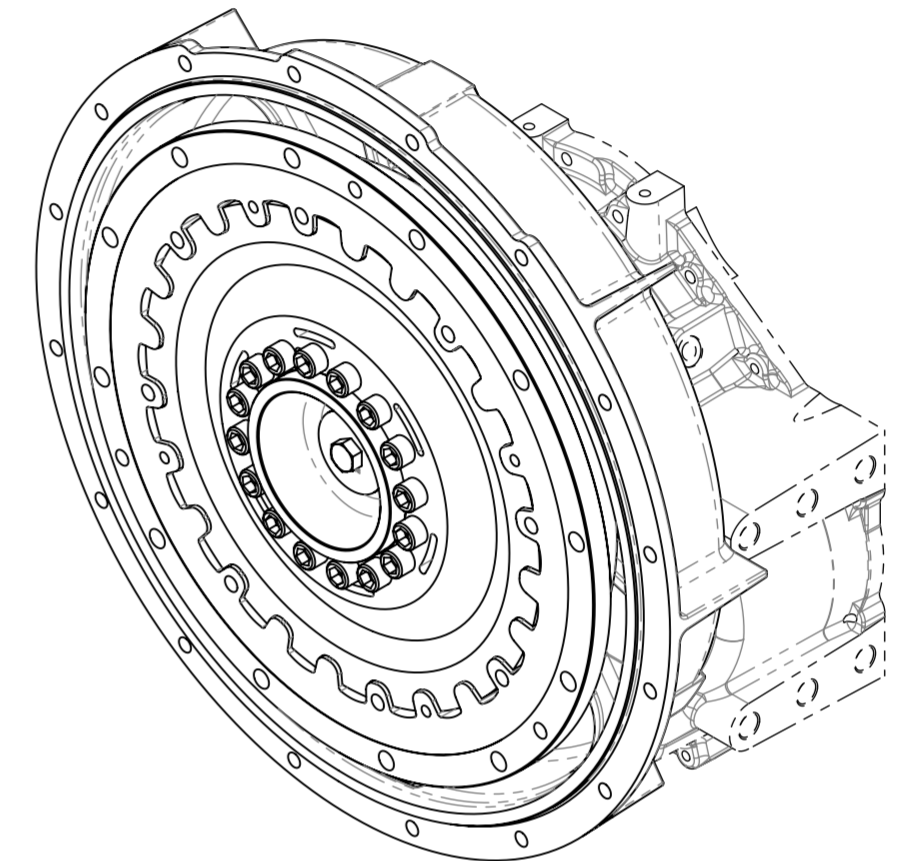


SECTION A-A

FLYWHEEL OUTLINE  
MUST CONFORM TO  
SAE J620 NO. 460

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	P13483	SPACER
7	16	PM1534AQ	SCREW, SOCKET HEAD
8	1	PM2018B	SCREW, HEX HEAD
9	2	PM5967B	SCREW, HEX HEAD
10	1	PX11570	COVER ASSY
11	1	PX13475	COUPLING, FLEXIBLE
12	1	1016191	PLUG



- 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 <sup>2</sup>		COUPLING WEIGHT kg		
				OUTER PART	INNER PART**	OUTER PART	W/O HUB	W/ HUB
PX13475	VL-3011S	460	2500	0.720	0.254	14.10	9.70	31.17

\* SEE THE TRANSMISSION ASSEMBLY DRAWING FOR MAXIMUM TRANSMISSION SPEED.

\*\* THE WR<sup>2</sup> OF INNER PARTS INCLUDES HUB, SPACER AND 1/4 SHAFT C2.

FIRST USE ASSEMBLY: 1025600 FIRST USE MODEL: MGX-5136A SIMILAR TO:	WEIGHT: 61.39kg WR <sup>2</sup> : SEE TABLE kg-m <sup>2</sup>	THIRD ANGLE PROJECTION	MATERIAL:	DATE: 06/18/2015 SCALE: 1:4
<b>METRIC</b>	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:	DRAWN BY: PM CHECKED BY: BF APPROVED BY: DV
NOTICE! THIS PRINT CONTAINS PROPRIETARY INFORMATION AND IS NOT TO BE USED IN ANY MANNER DETRIMENTAL TO THE INTEREST OF TWIN DISC, INCORPORATED THIS NOTICE IS NOT INTENDED TO NULLIFY OR LIMIT RIGHTS GRANTED TO THE U.S. GOVERNMENT OR OTHERS BY CONTRACT.			DESCRIPTION: GROUP, INPUT SAE #0 / SAE 460 VL-3011S	
		DWG SIZE: A2		SHEET: 1 OF 1

REV	NDWF-50373	08/07/2015
	CHANGE NO.	DATE
RACINE, WI 53403 - USA		
<b>PX13478</b>		
DWG SIZE: A2	SHEET: 1 OF 1	REV: -

D

C

B

A