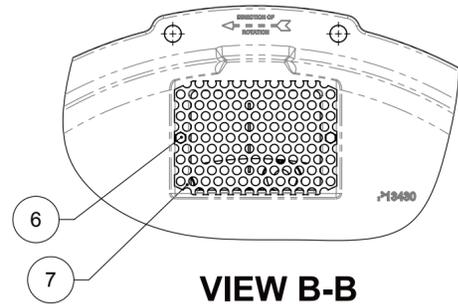
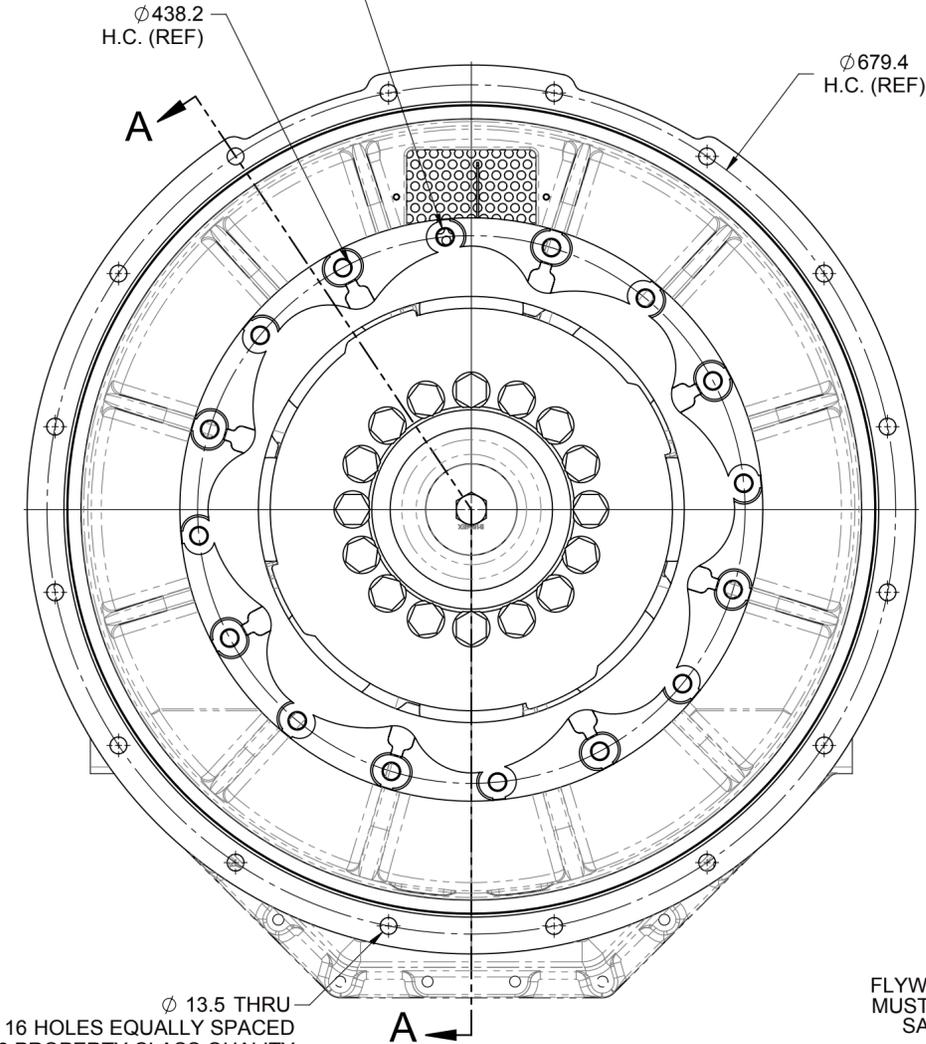


1 INPUT GROUP MOUNTING FACE

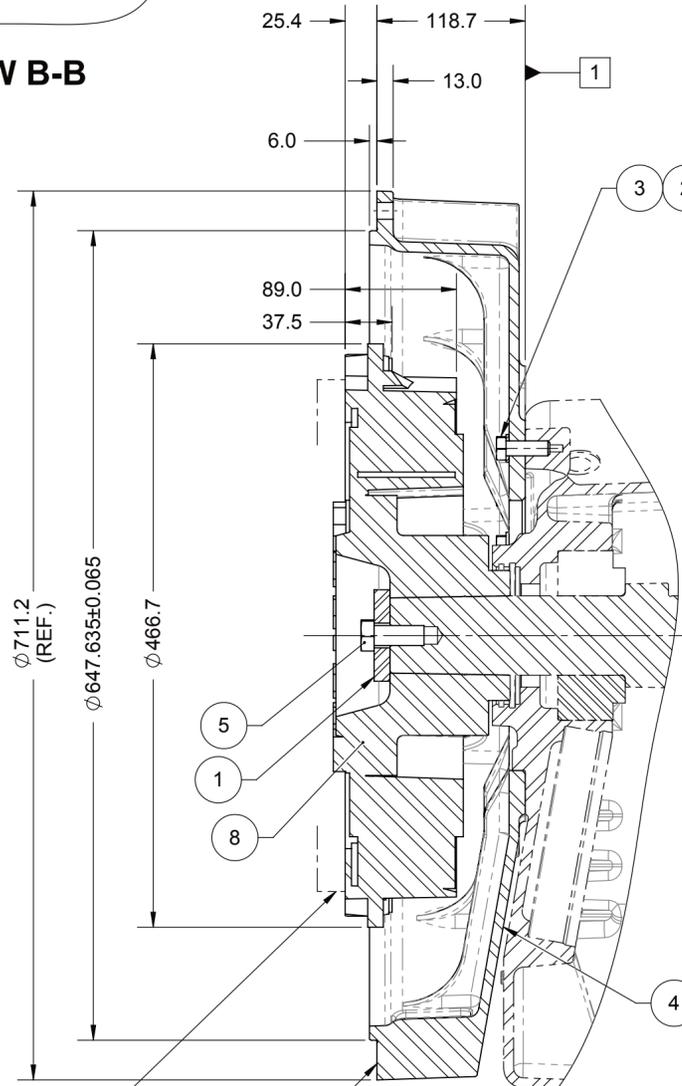
Ø 13.5 THRU  
16 HOLES EQUALLY SPACED  
USE 8.8 PROPERTY CLASS QUALITY  
CAPSCREWS PER ISO 898-1 AND TORQUE  
TO S574 OR SERVICE MANUAL VALUES.  
(SCREWS ARE CUSTOMER SUPPLIED)



VIEW B-B



Ø 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)

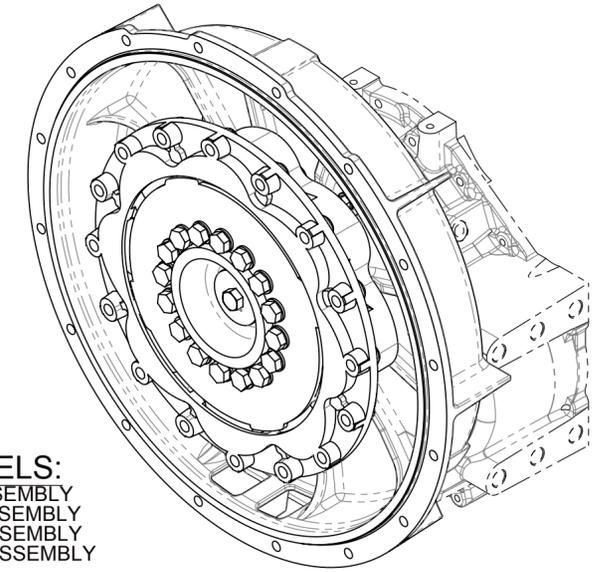


SECTION A-A

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	PM2018B	SCREW, HEX HEAD
6	2	PM5967B	SCREW, HEX HEAD
7	1	PX11570	COVER ASSY
8	1	SEE CHART	COUPLING, FLEXIBLE



**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.

- NOTE:**
- 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.

PART No.	COUPLING TD PART No.	COUPLING No.	SAE J620 FLYWHEEL SIZE	MAX. COUPLING RPM*	COUPLING kg.m <sup>2</sup>		COUPLING WEIGHT kg		CERTIFICATION	WORKFLOW	REV
					OUTER PART	INNER PART**	OUTER PART	INNER PART			
PX13477	PX13285	CF-RF-318-014-62058-001	355	3000	0.277	0.229	7.43	25.67	-	NDWF-50373	-
PX13477A	PX13285A	CF-RF-318-014-62058-002	355	3000	0.277	0.229	7.43	25.67	ABS (SEE S941)	NDWF-50373	-
PX13477B	PX13285C	CF-RF-318-014-62058-001	355	3000	0.277	0.229	7.43	25.67	BV	ECNWF-50624	-

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

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

FIRST USE ASSEMBLY: 1025600  
FIRST USE MODEL: MGX-5136A  
SIMILAR TO: PX13289 SERIES

WEIGHT: 49.71 kg  
WR<sup>2</sup>: SEE TABLE kg-m<sup>2</sup>

**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

THIRD ANGLE PROJECTION

NOTICE! THIS PRINT CONTAINS PROPRIETARY INFORMATION AND IS NOT TO BE USED IN ANY MANNER DETRIMENTAL TO THE INTEREST OF TWIN DISC, INCORPORATED  
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MATERIAL:

DATE: 06/18/2015  
SCALE: 1:4  
DRAWN BY: PM  
CHECKED BY: BF  
APPROVED BY: DV

HEAT TREAT:

DESCRIPTION:  
GROUP, INPUT  
SAE #0 / SAE 355 CF-RF-318HR

A	ECNWF-50624	10/13/2015
REV	CHANGE NO.	DATE

**TWIN DISC**  
RACINE, WI 53403 - USA

**PX13477\_SERIES**

DWG SIZE: A2	SHEET: 1 OF 1	REV: A
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D

C

B

A