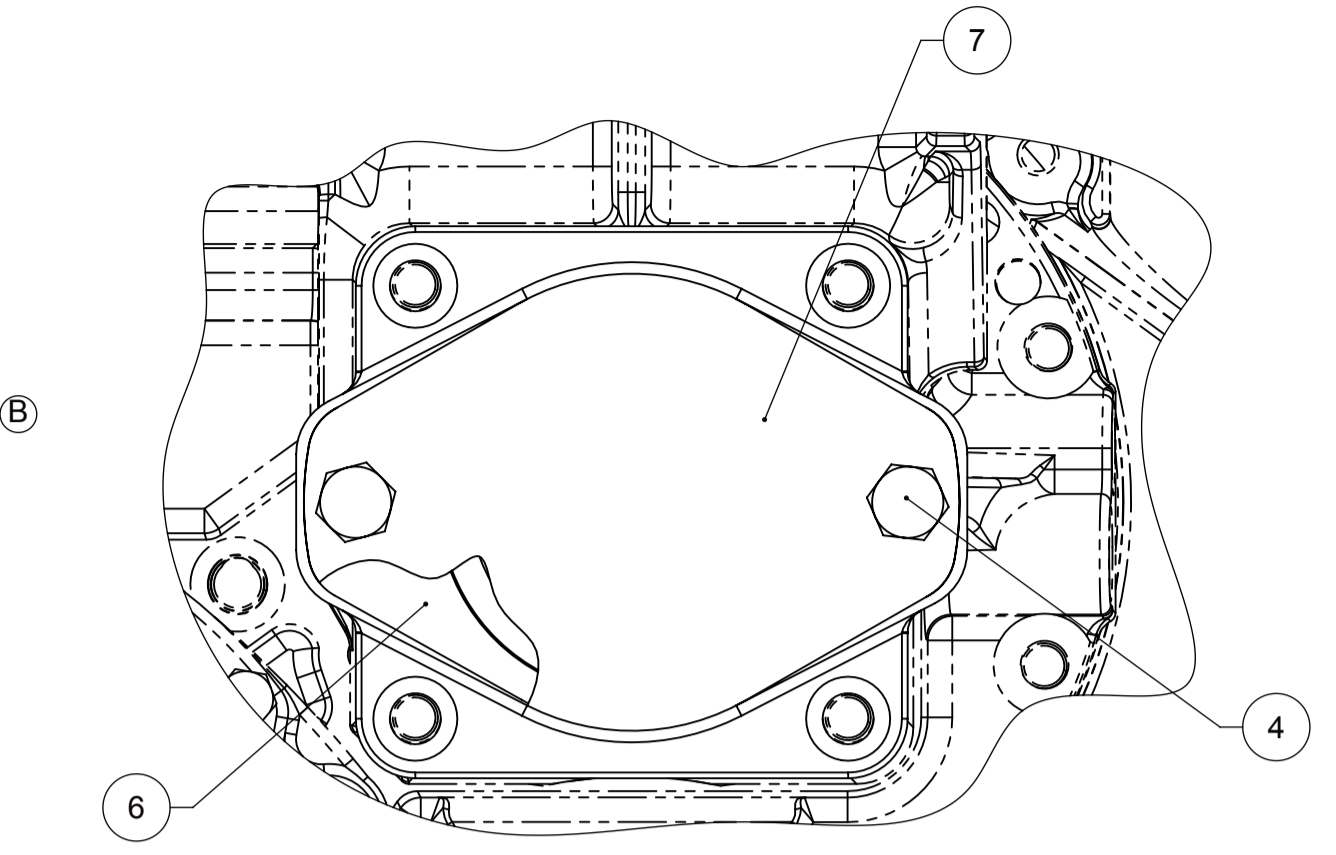
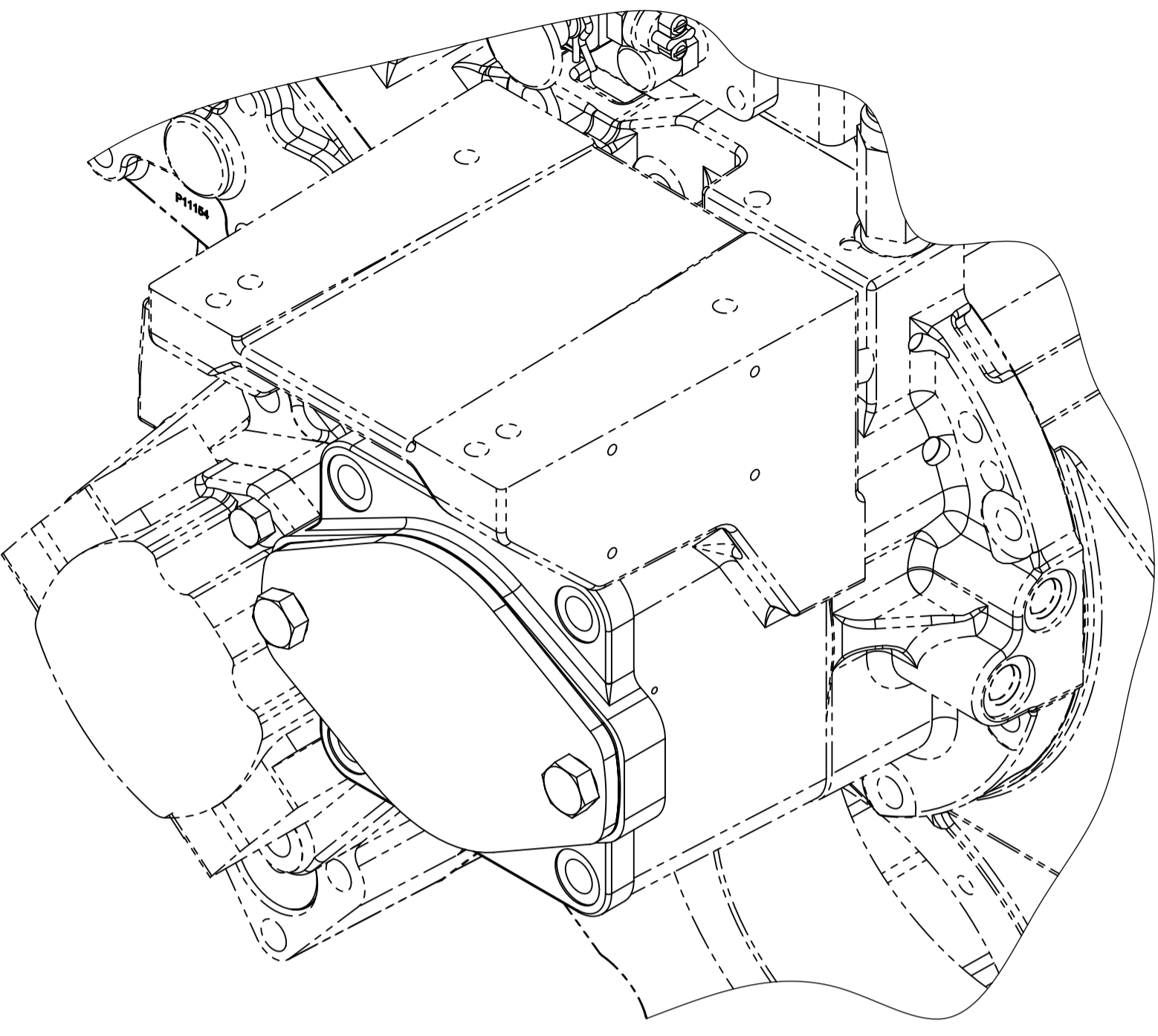
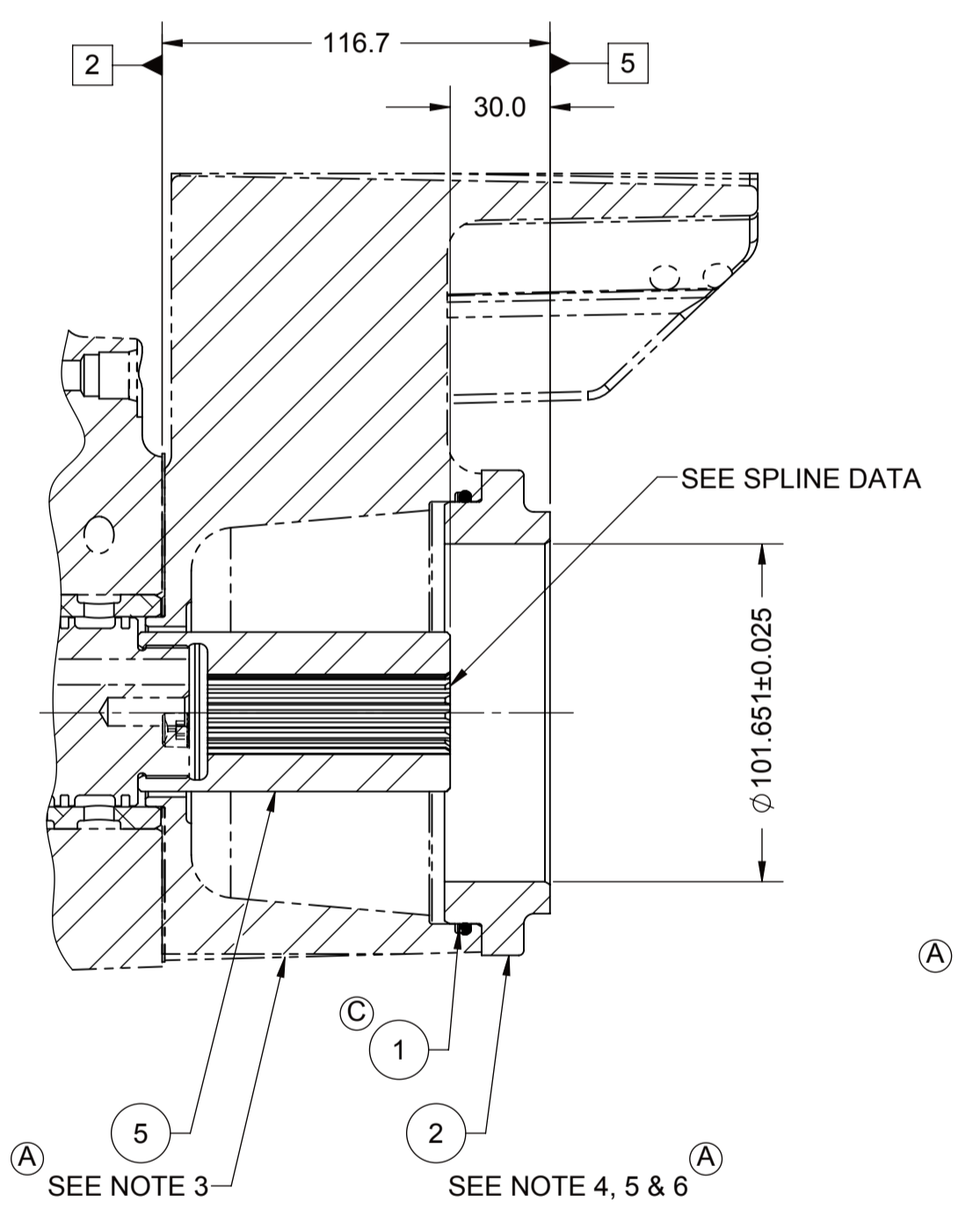


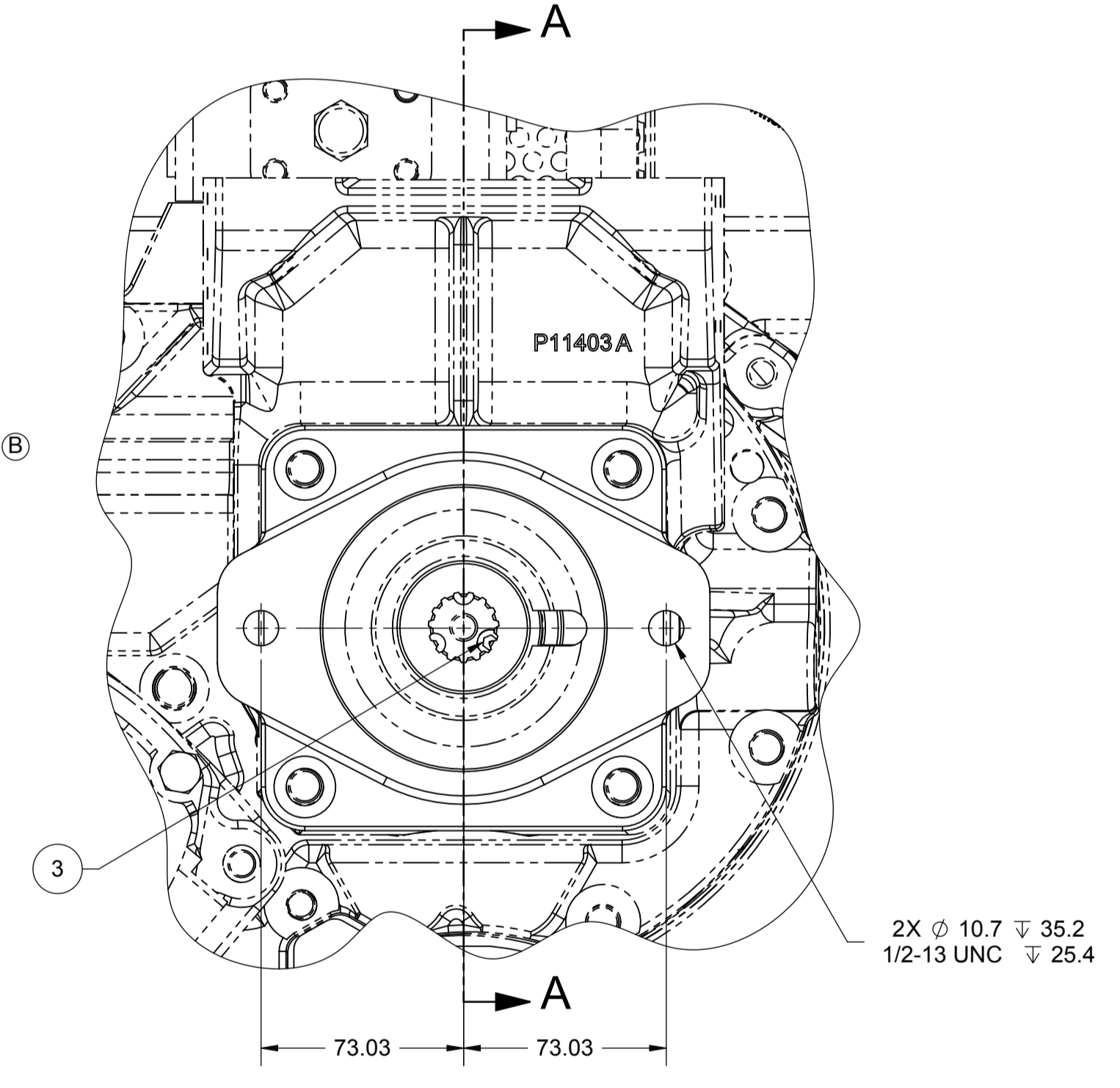
INTERNAL SPLINE DATA	(REF) TWIN DISC ENGR. STD. S435	
ROOT FLAT	PRESSURE ANGLE	30°
NO. OF TEETH	PITCH	16/32
PITCH DIA (REF)	FORM DIA. MIN.	
MAJOR DIAMETER		1.0000 1.0008
CIRCULAR SPACE WIDTH	MIN. EFF.	.0982
	MAX. ACT.	.1008
MEASUREMENT BETWEEN 1080 DIA PINS WITH NONE TO FLAT	MIN. REF.	.7770
	MAX. ACT.	.7798
<b>SPLINE DATA IN INCHES</b>		



SHOWN WITH SHIPPING COVER



SECTION A-A



SHOWN WITHOUT SHIPPING COVER AND GASKET

BILL OF MATERIAL			
ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	1	A2916HB	RING, O
2	1	B3541B	ADAPTER, HOUSING
3	1	M2051GU	PLUG, PIPE
4	2	M2004C	HEX HD CAPSCREW
5	1	1026825	ADAPTER, SPLINED
6	1	213750A	GASKET
7	1	214371	PLATE, COVER
8	1		INCLUDE (1) COPY OF DRAWING 1027574

▲ FOR SHIPPING USE ONLY. REMOVE THESE PARTS AND INSTALL PUMP PRIOR TO OPERATING.  
REQUIRES USE OF 1025672 127-4 PTO HOUSING GROUP

- 2 PTO ADAPTER MOUNTING FACE
- 5 LIVE PTO PUMP MOUNT FACE

**INSTALLATION INSTRUCTIONS:**

1. FOR FIELD INSTALLATIONS ONLY, REMOVE COVER PLATE AND GASKET.
2. INSTALL SPLINED ADAPTER ONTO SHAFT. NO ASSEMBLY TORQUE REQUIRED. SPLINED ADAPTER WILL SELF LOCK INTO POSITION DURING OPERATION.
3. INSTALL ADAPTER GASKET, DOWEL PINS AND ADAPTER HOUSING USING SCREWS PROVIDED.
4. INSTALL O-RING BETWEEN PUMP ADAPTER AND MOUNTING BRACKET HOUSING.
5. TORQUE ALL SCREWS, STUDS AND NUTS TO S574 VALUES UNLESS OTHERWISE SPECIFIED.
6. THE B3541 HOUSING ADAPTER MAY BE ORIENTED 90° FROM POSITION SHOWN.

MAXIMUM APPROVED TORQUE TO SAE J744 NO. 25-4 SIZE PUMP ADAPTER: 337 Nm.  
FOR USE ON RH ENGINES ONLY.  
CONSULT SALES DEPARTMENT APPLICATION ENGINEERS FOR OTHER LIMITING CONDITIONS.

**APPLICABLE MODELS:**  
 MG-5136A PER 1027557 ASSEMBLY  
 MGX-5136A PER 1025600 ASSEMBLY  
 MG-5136SC PER 1027560 ASSEMBLY  
 MGX-5136SC PER 1027445 ASSEMBLY  
 MG-5146A PER 1027902 ASSEMBLY  
 MGX-5146A PER 1027596 ASSEMBLY  
 MG-5146SC PER 1027904 ASSEMBLY  
 MGX-5146SC PER 1027661 ASSEMBLY

FIRST USE ASSEMBLY: 1025600	WEIGHT: 3.91 <sub>kg</sub>	THIRD ANGLE PROJECTION	MATERIAL:	DATE: 08/08/2011
FIRST USE MODEL: MGX-5136A	WR 0.0003 <sub>kg-m</sub>	UNLESS OTHERWISE SPECIFIED MACHINED DIMENSIONS: X ±0.75, XX ±0.25, XXX ±0.13	HEAT TREAT:	SCALE: 1:2
SIMILAR TO: XB2403Q		ALL ANGULAR TOLERANCES AT GEOMETRIC TOLERANCING PER ASME Y14.5M 1994	DESCRIPTION: GROUP PTO SAE J744 101-2, 25-4 LIVE PTO	DRAWN BY: KML
<p><b>METRIC</b></p> <p>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.</p>			<p>APPROVED BY: JMF</p> <p>ALC</p>	<p>CHECKED BY: JMF</p> <p>APPROVED BY: ALC</p>
<p>ECNWF-75121 08/14/2015</p> <p>REV CHANGE NO. DATE</p>		<p><b>TWIN DISC</b></p> <p>RACINE, WI 53403 - USA</p> <p><b>1027574</b></p> <p>DWG SIZE: A1 SHEET: 1 OF 1 REV: C</p>		