

PT-1. This drawing was approved by joint action of the Air Force and Navy Departments as the Air Force-Navy joint standard for this product. This drawing represents all national standard drawings for the same product and shall be used by all departments for the procurement of airmen's equipment. This drawing is for the procurement of airmen's equipment, and is not to be used for the procurement of airmen's equipment, and is not to be used for the procurement of airmen's equipment.

ENGINE DRIVE		ENGINE STUD DATA		SPLINE PD	SPEED	TORQUE LB IN.			ALLOWABLE ACCESSORY WT ON ENGINE DRIVE	ALLOWABLE OVERHUNG MOMENT ON ENGINE DRIVE	GASKET			
DRAWING NO.	TYPE NO.	NO.	BC		RPM	T <sub>G</sub>	T <sub>O</sub>	T <sub>B</sub>						
AND20000	I-A	4	2.653	.600	3250 - 3750	100		800	6	25	ANL045-1			
AND20000	I-B				3550 - 3750									
AND20001	II-B				3250 - 3750	250	375	1650	25	125	ANL044-1			
AND20001	II-C				3550 - 3750	500	750	2200	30	150				
AND20002	XII-A	6	5.000	.800	7500 - 8250				65	400	ANL047-1			
AND20002	XII-B			1.200		1000	1500	4400						
AND20002	XII-C			1.200		1500	2250	6600						
AND20002	XII-D			.800		500	750	2200					500	
AND20002	XII-E			1.200	(a) 6000	1000	1500	4400	75	625				
AND20002	XII-F			1.200	1500	2250	6600							
AND20002	XII-J			.800	600	900	2700	60	350					
AND20002	XII-K			1.200	3250 - 3750	1000	1500	4400	50	400				
AND20002	XII-M				7500 - 8250	2500	3750	11000	65					
AND20002	XII-N				(a) 6000									
AND20002	XII-S				3300 ±300				75	625				
AND20002	XII-T			1.625										
AND20002	XII-W			1.200	3250 - 3750	1500	2250	6600						
AND20003	XIII-A			4	2.828	.4583	2000 - 2500	25	450					ANL059-1
AND20003	XIII-B							50	600					
AND20004	XIV-A			6	5.000	JAW	1:1 RATIO					(3) 27	300	ANL047-1
AND20004	XIV-B	1:1 RATIO							(3) 28	350	ANL058-1			
AND20004	XIV-C	1:1 RATIO												
AND20004	XIV-D	1:1 RATIO							27	300	ANL047-1			
AND20004	XIV-E	5.000												
AND20005	XV-A	4	2.653	SQUARE	1/2 CSHAFT	7		50			ANL045-1			
AND20005	XV-B				4200 ±25									
AND20006	XVI-A	12	10.000	1.200	7500 - 8250	1500	2250	6600	150	1250	ANL114-1			
AND20006	XVI-B				(a) 6000									
AND20006	XVI-C				7500 - 8250	2500	3750	11000	225	2500				
AND20006	XVI-D				(a) 6000									
AND20006	XVI-S				3300 ±300				125	1000				
AND20006	XVI-T													
AND20007	XVII-A	6	5.000	1.625	7500 - 8250				65	400	ANL047-1			
AND20007	XVII-B				(a) 6000				75	625				
AND20007	XVII-C	12	10.000	1.625	7500 - 8250	4200	6300	18500	150	1250	ANL114-1			
AND20007	XVII-D							225	2500					
AND20007	XVII-E							150	1250					
AND20007	XVII-F							225	2500					
AND20008	XVIII-A	4	2.750	FLANGE	7500 - 8250	1500	2250	6600						
AND20008	XVIII-B				(a) 6000									
AND20008	XVIII-C				7500 - 8250	2500	3750	11000						
AND20008	XVIII-D				(a) 6000									
AND20009	XIX-A	6	4.000	JAW	1:1 RATIO				19	80	ANL119-1			
AND20009	XIX-B													
AND20010	XX-A							2400 - 2700	125	188	825		MS100009	

(\*) DRIVE SPEED OF 6,000 +100 -000 RPM WHEN OPERATING AT 75 PERCENT NORMAL SEA LEVEL STATIC OUTPUT.

ACCESSORY FLANGES MAY BE MOUNTED ON ENGINE DRIVES WHICH HAVE HIGHER RATINGS BUT ARE OF THE SAME NOMINAL USE.

WHEN DRIVES CHOSEN FROM THIS DRAWING ARE USED FOR MOUNTING ENGINE COMPONENTS, THE WORD "COMPONENT" SHALL BE ADDED IN LIEU OF THE SUFFIX LETTER AFTER THE TYPE DESIGNATION (EXAMPLE: TYPE XII-COMPONENT).

STATIC TORQUE REQUIREMENTS APPLY TO EACH DRIVE INDEPENDENTLY, A GEAR TRAIN NEED BE ONLY OF SUFFICIENT STRENGTH TO ACCOMMODATE ANY ONE STATIC TORQUE AT ANY GIVEN TIME.

OVERHUNG MOMENTS SPECIFIED ARE STATIC AND THE DRIVE SHALL BE OF SUFFICIENT STRENGTH TO SUPPORT THOSE WEIGHTS AND OVERHUNG MOMENTS.

**AIR FORCE-NAVY AERONAUTICAL DESIGN STANDARD**

REFERENCE CHART, AIRCRAFT  
ENGINE ACCESSORY DRIVES

ANDIO230

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**NOT A PART NUMBER**

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