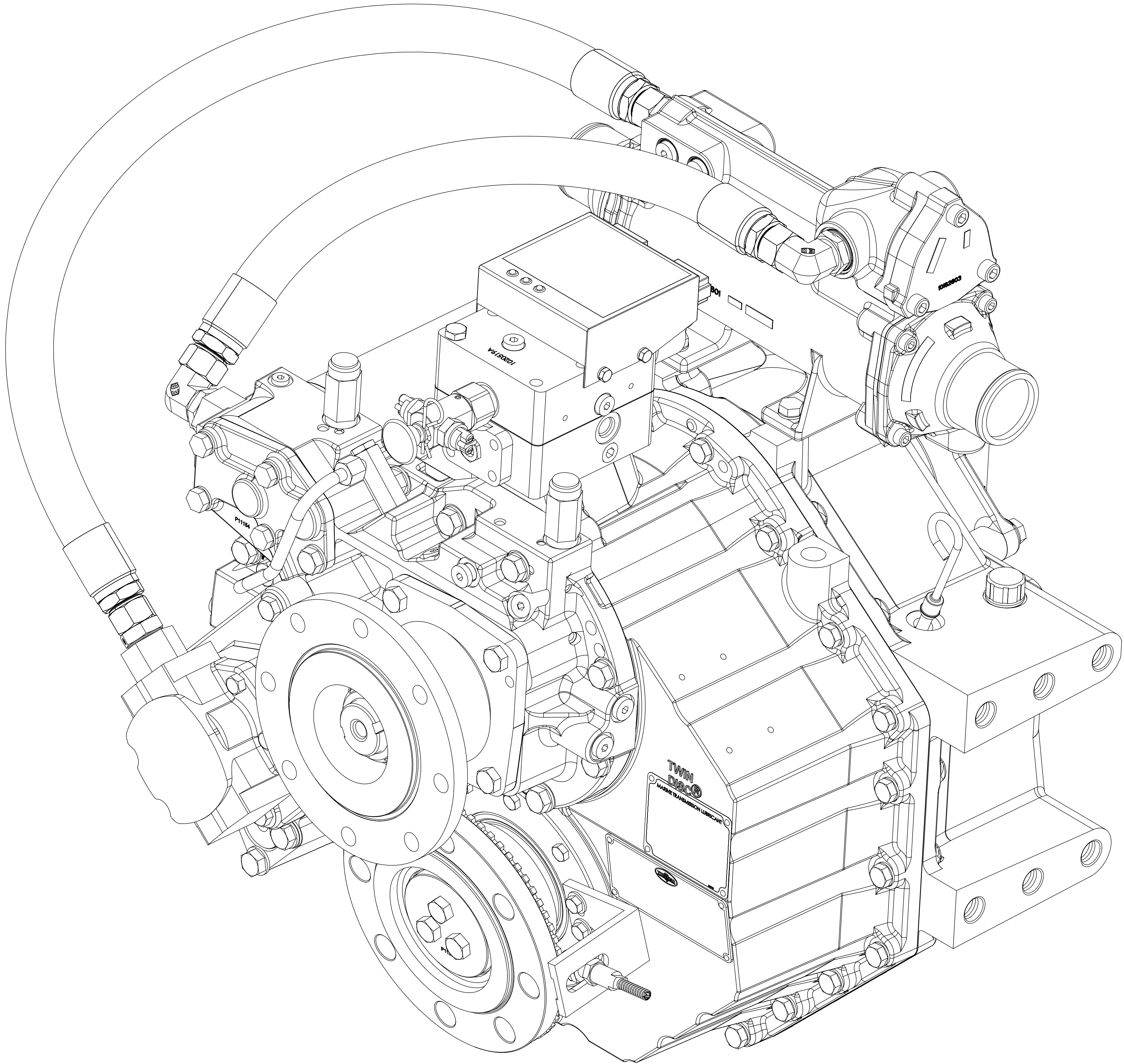


- TECHNICAL SPECIFICATIONS:**
- CONSULT MARINE TRANSMISSION OPERATOR'S MANUAL P/N 1016313 FOR ADDITIONAL INFORMATION AND IMPORTANT PRECAUTION AND SAFETY STATEMENTS.
 - MAXIMUM TRANSMISSION INPUT SPEED : 2800 RPM
 - OIL TYPE :
 - S.A.E. 30W FOR STEADY OPERATION BETWEEN 65 °-85 °C
 - S.A.E. 40W FOR STEADY OPERATION BETWEEN 80 °-99 °C
 - OIL CAPACITY : 12.9L (LESS HOSES AND HEAT EXCHANGER).
 - REFER TO S570DX FOR REQUIRED PRESSURES.
 - ENGINE SPEED MUST BE REDUCED BELOW 60% OF THE MAXIMUM APPLIED ENGINE SPEED FOR NEUTRAL TO CLUTCH ENGAGEMENT SHIFT AND BELOW 45% OF MAXIMUM APPLIED ENGINE SPEED FOR ENGAGEMENT THRU NEUTRAL TO OPPOSITE CLUTCH SHIFT.
 - MAXIMUM TRANSMISSION INPUT SPEED WHILE TROLLING IS 1100 RPM OR 60% OF RATED SPEED, WHICHEVER IS SMALLER.
 - TRANSMISSION BACKDRIVING IS LIMITED TO A MAXIMUM SUMP OIL TEMPERATURE OF 100 °C.
 - CHANGE OIL AND FILTER EVERY 1000 HOURS OR 6 MONTHS (WHICH EVER COMES FIRST). CLEAN PUMP SUCTION SCREEN DURING OIL CHANGE.
 - HYDRAULIC SYSTEM DIAGRAM: A7119BF
 - Ⓒ - TRANSMISSION MASS ELASTIC DATA : B3504CA
 - Ⓑ - HEAT EXCHANGER REQUIREMENTS : B3649S
 - INSTALLATION DRAWING: 1027609 SERIES

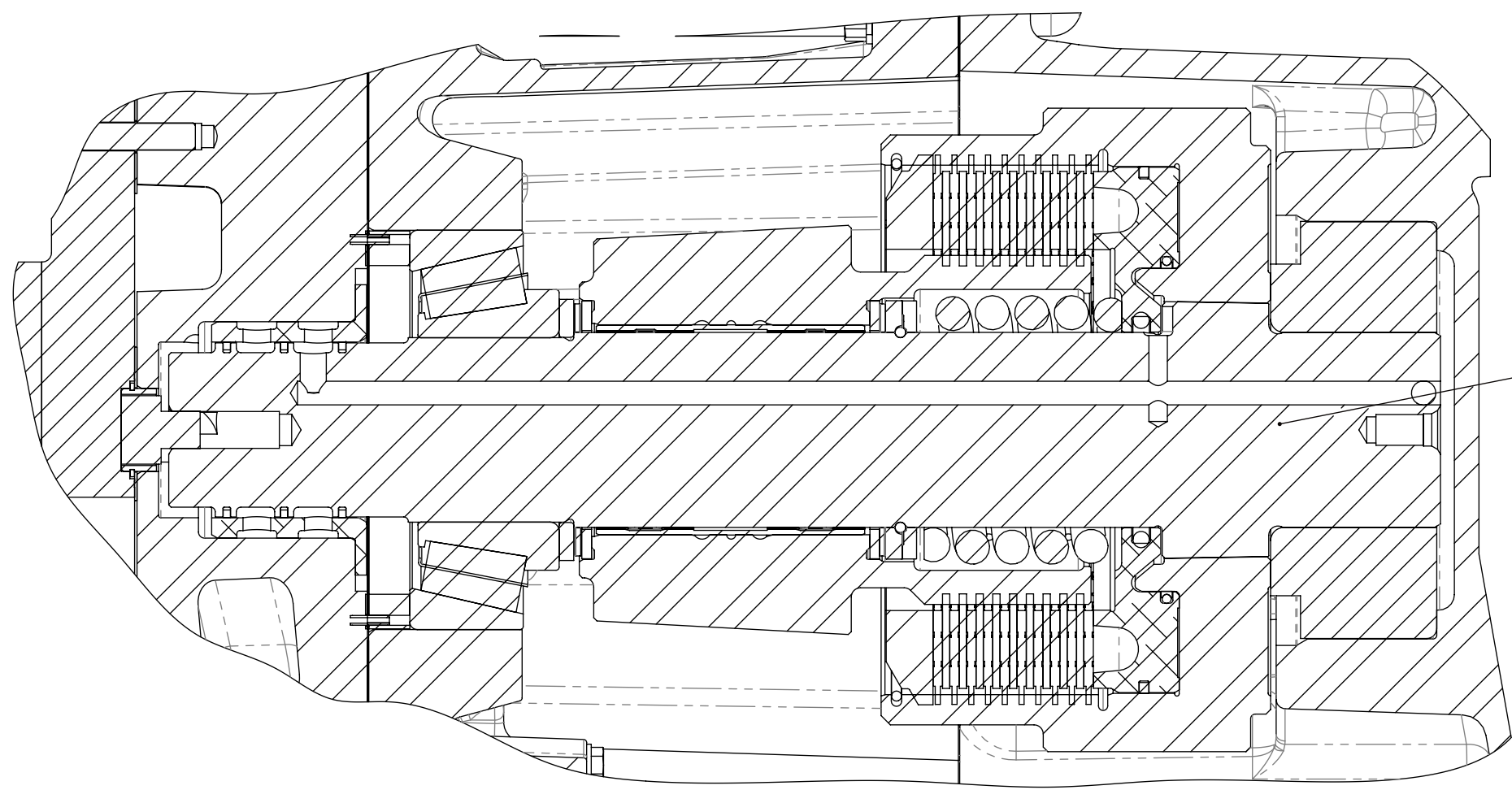
GEAR RATIOS:

- 2.52 : 1
- 2.00 : 1
- 1.79 : 1
- 1.53 : 1
- 1.25 : 1
- 1.16 : 1



- ASSEMBLY INSTRUCTIONS:**
- SEE S570DX SECTION I. FOR INSTRUCTIONS.
 - REFERENCE S570DX FOR ADDITIONAL STANDARDS AND INSTRUCTIONS THAT MAY APPLY.
 - ALL FASTENERS, FITTINGS AND PLUGS TO BE TORQUED PER S574.

FIRST USE ASSEMBLY: 1027556			THIRD ANGLE PROJECTION	MATERIAL	DATE: 09/27/2012		
FIRST USE MODEL: MGX-5136RV					SCALE: 1:2		
SIMILAR TO:			THIRD ANGLE PROJECTION	HEAT TREAT	DRAWN BY: YU	CHECKED BY: JMF	
NOTICE: THIS PRINT CONTAINS PROPRIETARY INFORMATION AND IS NOT TO BE USED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF TWIN DISC, INCORPORATED						APPROVED BY: ALC	
DESCRIPTION: MARINE TRANS						DRAWN BY: ALC	
TWIN DISC, INCORPORATED						RACINE, WI 53403 - USA	
THIS PRINT IS THE PROPERTY OF TWIN DISC, INCORPORATED AND IS NOT TO BE USED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF TWIN DISC, INCORPORATED						1027556	
TWIN DISC, INCORPORATED						RACINE, WI 53403 - USA	
TWIN DISC, INCORPORATED						RACINE, WI 53403 - USA	



SECTION B-B

SECONDARY SHAFT GROUP

- 2.52:1 RATIO, 23T - 1025578
- 2.00:1 RATIO, 27T - 1025580
- 1.79:1 RATIO, 29T - 1025582
- 1.53:1 RATIO, 32T - 1025584
- 1.25:1 RATIO, 36T - 1025586
- 1.16:1 RATIO, 38T - 1025588 Ⓐ

CONTROL GROUP

- GP VALVE W/ EC050 PROFILE MODULE - 1025674
- GP VALVE W/ EC050 E-TROLL MODULE - 1025673
- GP VALVE W/ EC300 ADAPTER HARNESS - 1025691

HEAT EXCHANGER OPTION

- LESS MOUNTED HEAT EXCHANGER - 1027573
- WITH MOUNTED PM13008A HEAT EXCHANGER - 1027566

INPUT GROUP

- GWB 587.50 FREESTANDING FLANGE - 1027624

PTO OPTION

- SEE PRODUCT LIST FOR OPTIONS

PRIMARY SHAFT GROUP

- 2.52:1 RATIO, 23T - 1027493
- 2.00:1 RATIO, 27T - 1027494
- 1.79:1 RATIO, 29T - 1027495
- 1.53:1 RATIO, 32T - 1027496
- 1.25:1 RATIO, 36T - 1027497
- 1.16:1 RATIO, 38T - 1028030 Ⓐ

COMPANION FLANGE GROUP

- STANDARD FLANGE WITH MTG. HARDWARE - PX11471
- MTG. HARDWARE ONLY - 1027620

OUTPUT SHAFT GROUP

- 2.52:1 RATIO, 58T - 1025589
- 2.00:1 RATIO, 54T - 1025590
- 1.79:1 RATIO, 52T - 1025591
- 1.53:1 RATIO, 49T - 1025592
- 1.25:1 RATIO, 45T - 1025593
- 1.16:1 RATIO, 44T - 1025594 Ⓐ

SECTION A-A

HOUSING GROUP

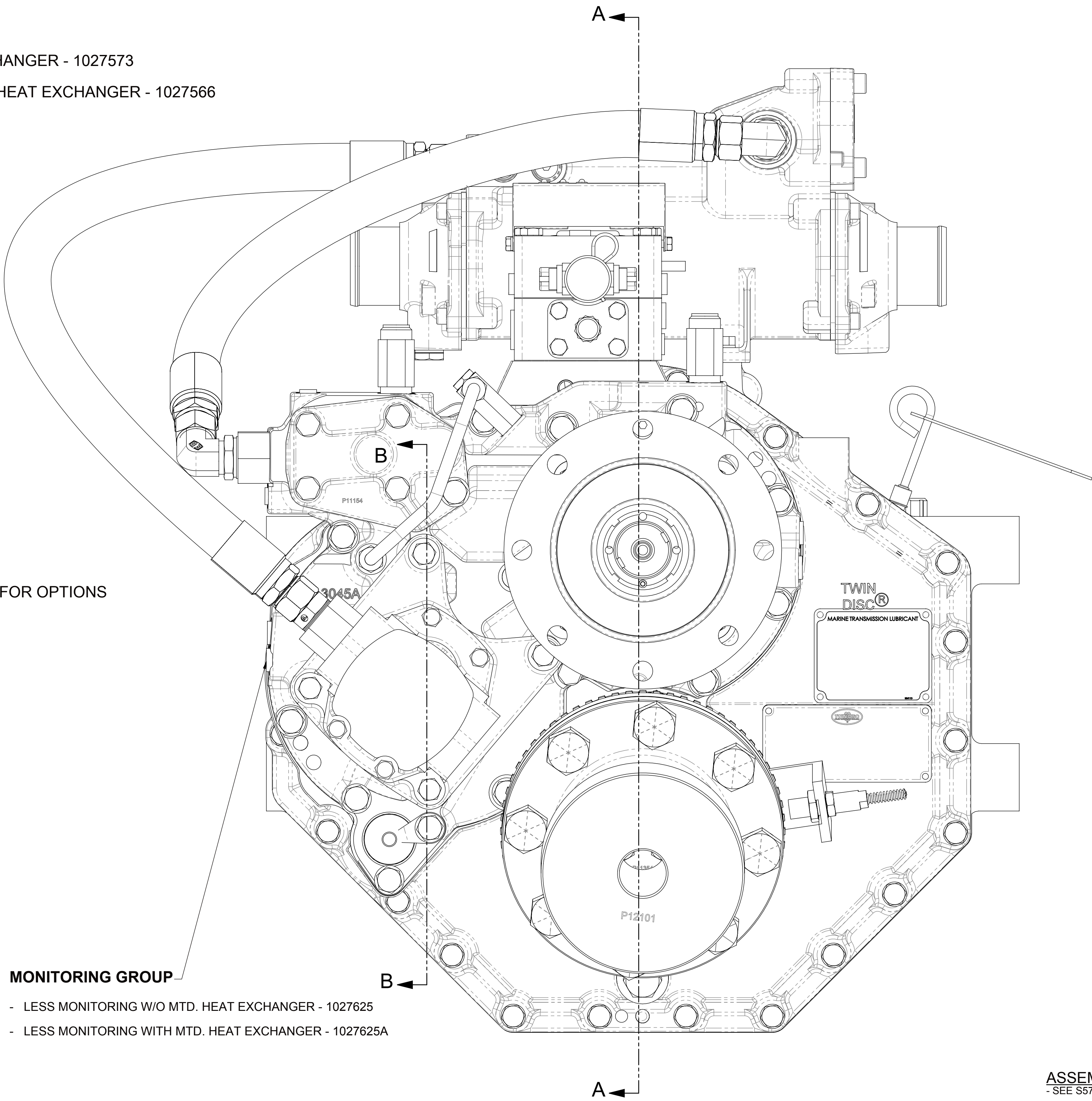
- STANDARD - 1027341

MONITORING GROUP

- LESS MONITORING W/O MTD. HEAT EXCHANGER - 1027625
- LESS MONITORING WITH MTD. HEAT EXCHANGER - 1027625A


MOUNTING BRACKETS

- "MAN" TYPE - 1016428BF



ASSEMBLY INSTRUCTIONS:

- SEE S570DX SECTION I. FOR INSTRUCTIONS.
- REFERENCE S570DX FOR ADDITIONAL STANDARDS AND INSTRUCTIONS THAT MAY APPLY.
- ALL FASTENERS, FITTINGS AND PLUGS TO BE TORQUED PER S574.

FIRST USE ASSEMBLY: 1027556		WEIGHT: 310.31		THIRD-ANGLE PROJECTION	MATERIAL	DATE: 09/27/2012
FIRST USE MODEL: MGX-5136RV		UNIT: kg				
SIMILAR TO:			SCALE: 1:2	HEAT TREAT	DRAWN BY: YU	TWIN DISC RACINE, WI 53405 - USA
			CHECKED BY: JMF	DESCRIPTION: MARINE TRANS	TWIN DISC	1027556
			APPROVED BY: ALC	MARINE TRANS MGX-5136RV	SHEET: 2 OF 2	REV: D
			REV: A0	TWIN DISC	1027556	1027556 Rev: A
			REV: A0	TWIN DISC	1027556	1027556
			REV: A0	TWIN DISC	1027556	1027556
			REV: A0	TWIN DISC	1027556	1027556
			REV: A0	TWIN DISC	1027556	1027556
			REV: A0	TWIN DISC	1027556	1027556
			REV: A0	TWIN DISC	1027556	1027556
			REV: A0	TWIN DISC	1027556	1027556
			REV: A0	TWIN DISC	1027556	1027556
			REV: A0	TWIN DISC	1027556	1027556
			REV: A0	TWIN DISC	1027556	1027556
			REV: A0	TWIN DISC	1027556	1027556
			REV: A0	TWIN DISC	1027556	1027556
			REV: A0	TWIN DISC	1027556	1027556
			REV: A0	TWIN DISC	1027556	1027556
			REV: A0	TWIN DISC	1027556	1027556
			REV: A0	TWIN DISC	1027556	1027556
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			REV: A0	TWIN DISC	10275	