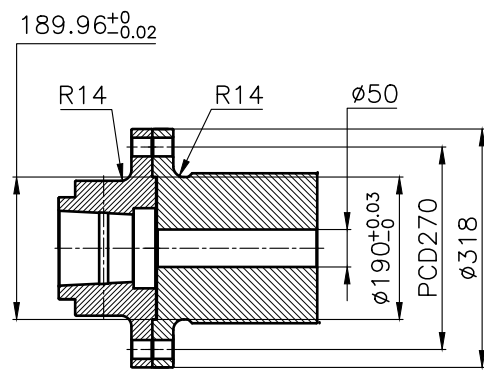
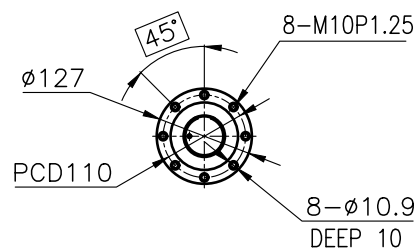
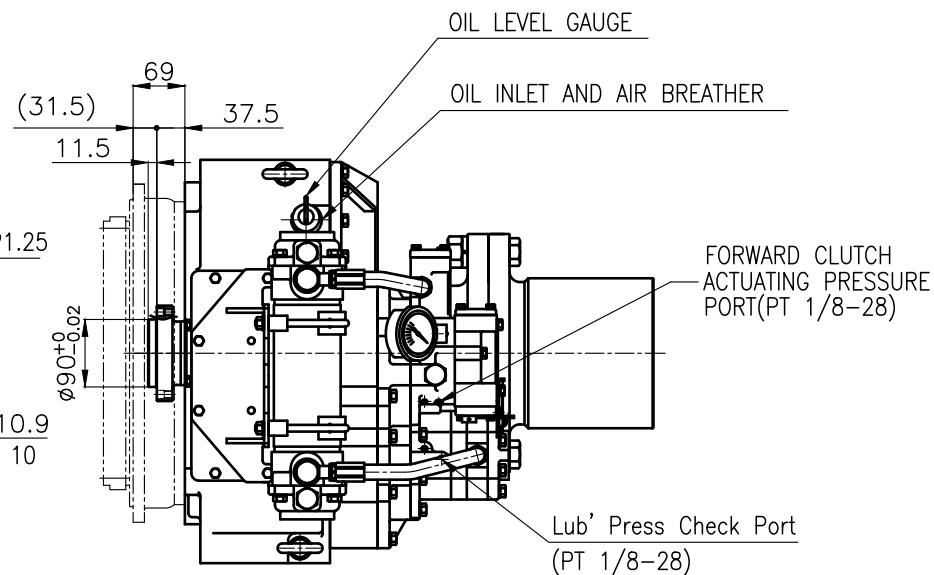




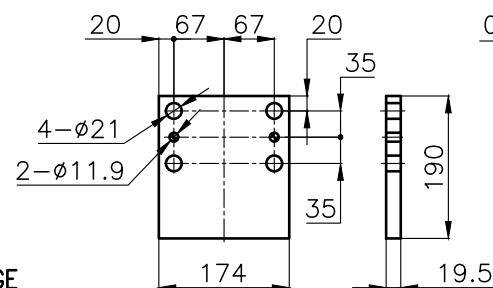
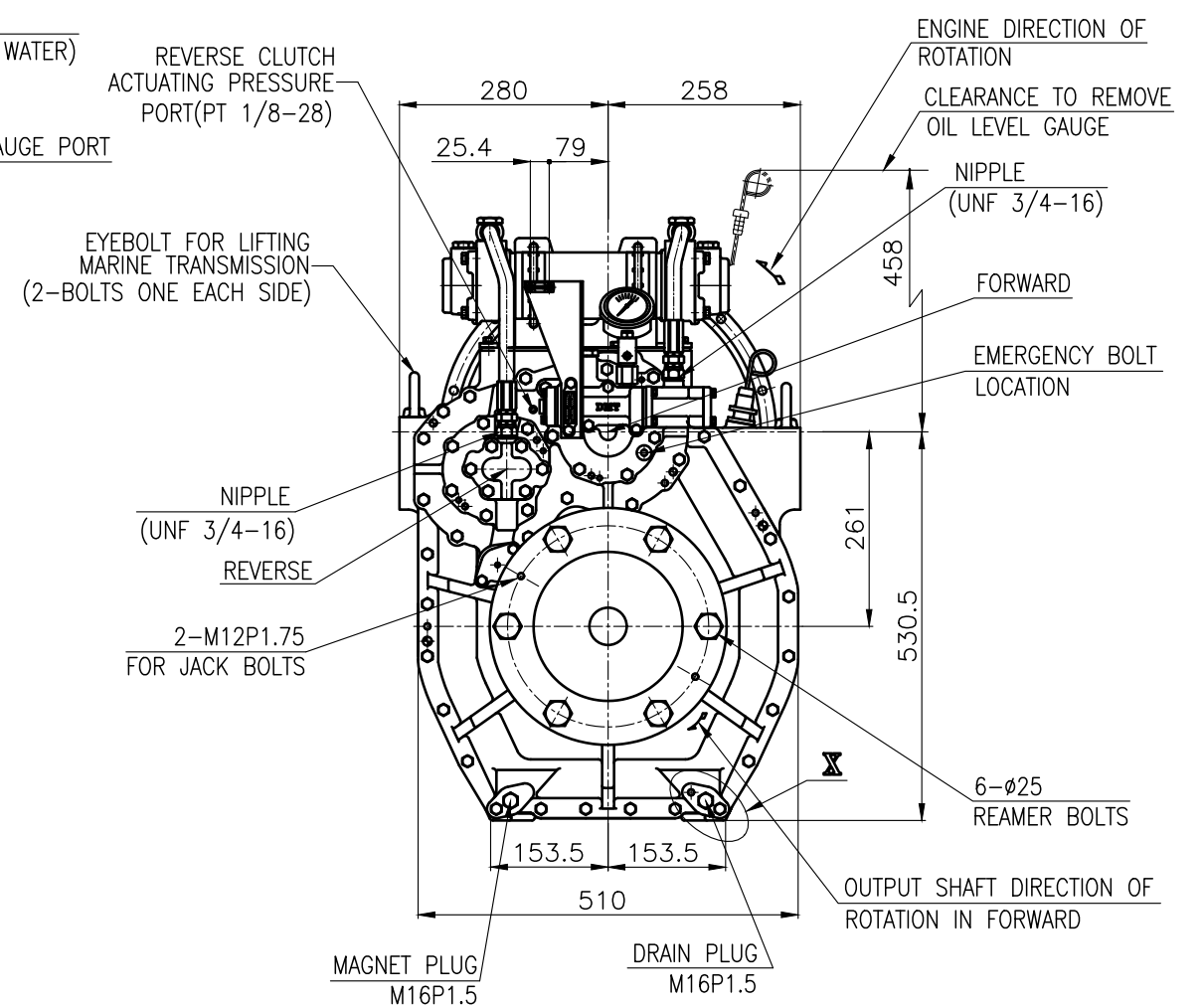
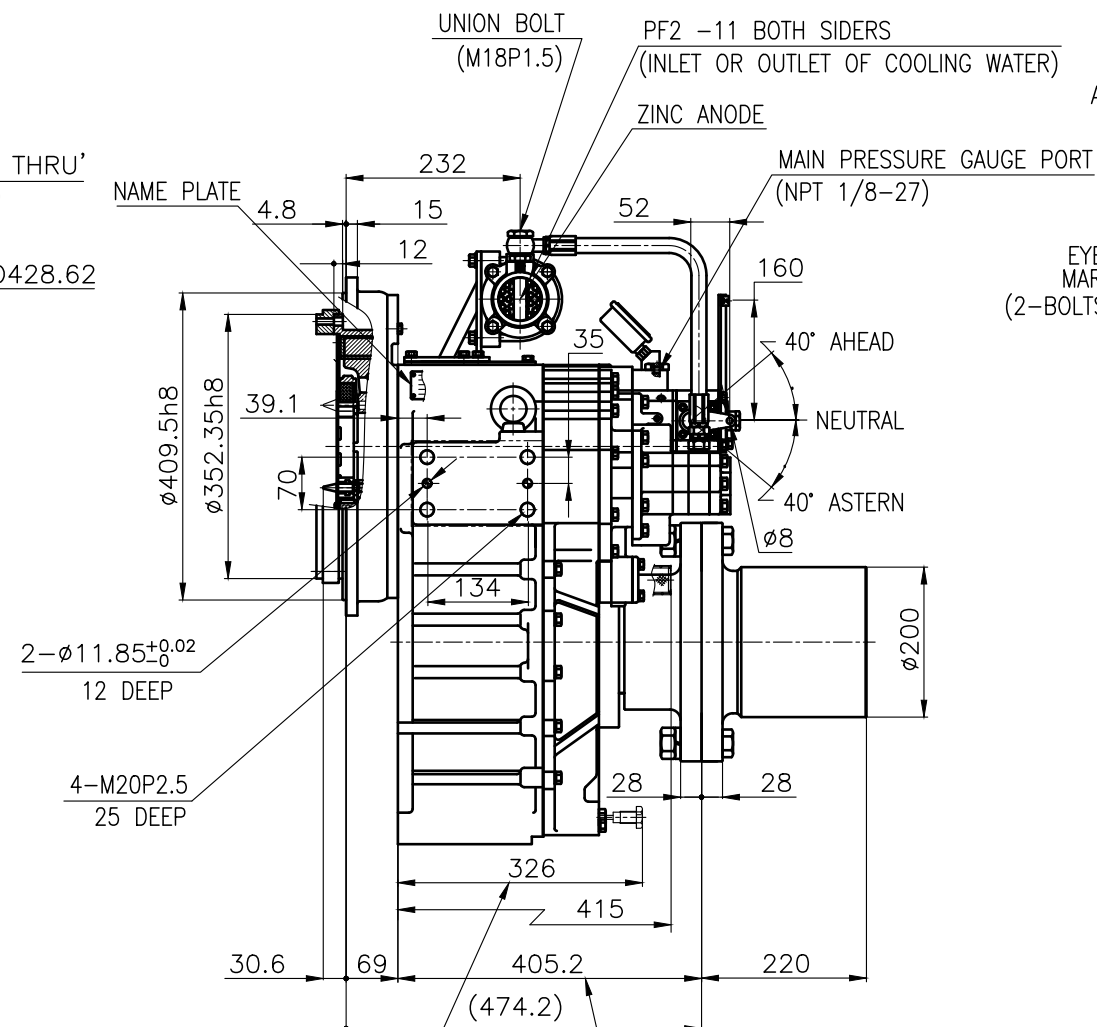
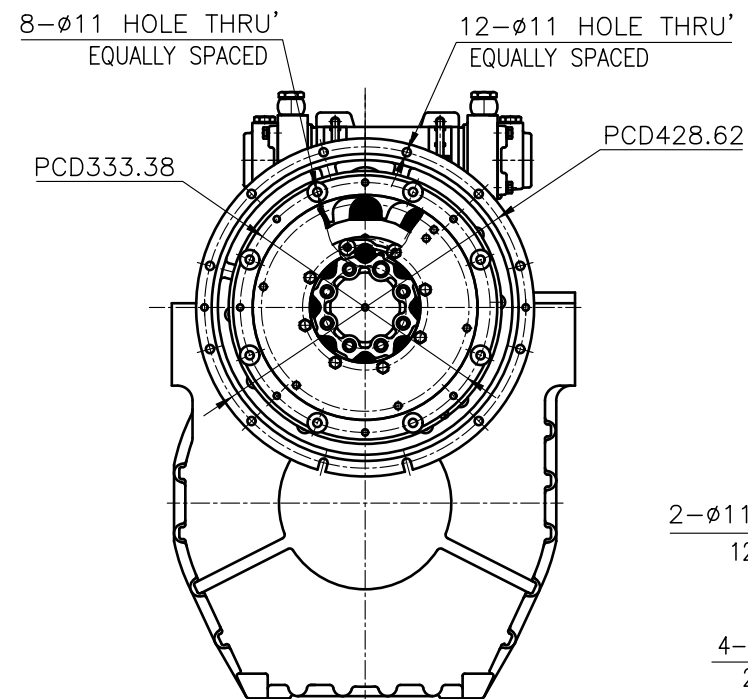
OUTPUT SHAFT COUPLING & PROPELLER COUPLING DIMENSION



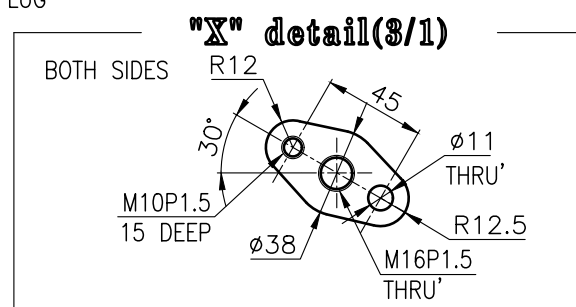
INPUT COUPLING DIMENSION



DMT 200HL MARINE TRANSMISSION SPECIFICATION			
GEAR RATIO	4.04, 4.48		
TOTAL WEIGHT	APPROX. 380 kg(DRY)		
OIL CAPACITY	APPROX. 10 L		
OIL VISCOSITY	SAE # 30		
OIL PRESSURE	1.96 ~ 2.54 MPa	CLUTCH OIL	
DIRECTION OF ROTATION IN FORWARD	INPUT	C.C.W VIEWED FROM THE STERN	
	OUTPUT	C.W VIEWED FROM THE STERN	
OIL CHANGE INTERVAL	THE FIRST 100HOURS OF INITIAL OPERATION AND EVERY 1000HOURS THEREAFTER		
SHIFTING LIMIT	UNDER 50% OF THE RATED ENGINE SPEED		
OIL COOLER	WATER FLOW 40 ~ 60L/min		
	TEMPERATURE OF COOLING WATER		MAX 32°C
OPERATING TORQUE OF SHIFTING LEVER		UNDER 2.94Nm	



BRACKET DIMENSION



REMARK

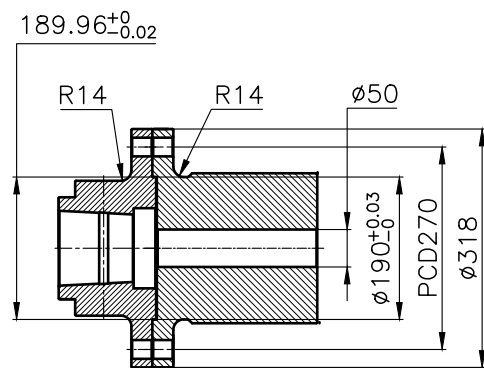
1.HOUSING: SAE#3

2.DRIVING RING: SAE 11.5"

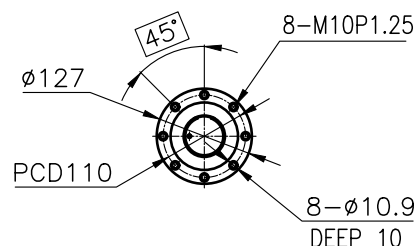
3.COUPLING TYPE : DUAL STAGE

4.APPLICATION ENGINE : STANDARD

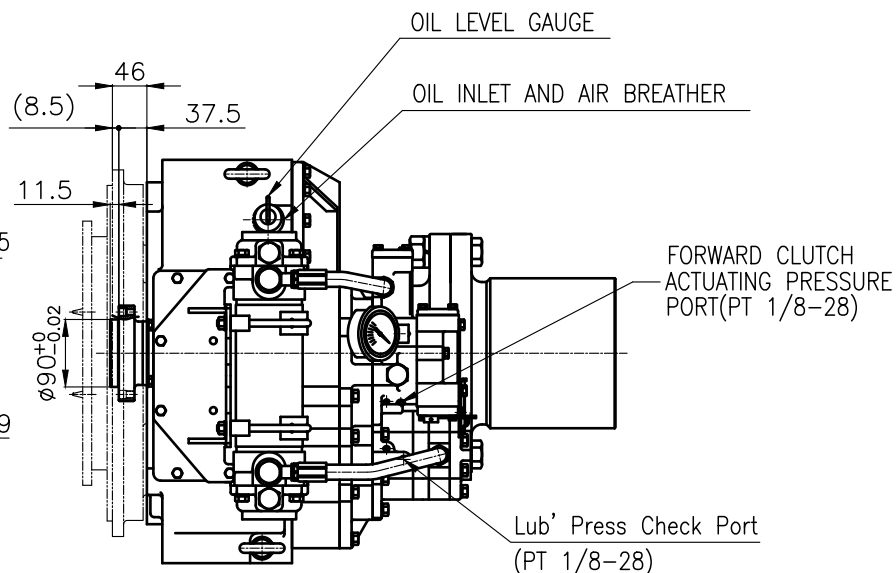
공용 공차 TOLERANCE ON					번호 NO.	부품 PART NO.	명칭 PART NAME	개수 Q'TY	재질 MATERIAL	규격 SIZE	비고 REMARKS		
분수 FRACTIONS		소수 DECIMALS		각도 ANGLES	재질 MATERIAL			형식 TYPE	원도 번호 ORIGINAL DWG. NO.				
± _____		± _____		± _____	작성 DATE 2018.06.29			척도 SCALE 1/1	DMT190HL				
단 면 차	절삭가공					승인 APPROVED BY	검토도 CHECKED BY	제도도 DRAWN	설계도 DESIGNED	품명 NAME			
	구경	조급	중급	정급		JK.Kim	TH.Cha	GH.Park	MARINE TRANSMISSION				
	1 초과 4 이하	± 0.3	± 0.1	± 0.05				도번 DWG. NO.			190000HB~C-3115DC		개정 (REV.) 000
	4 16	± 0.5	± 0.2	± 0.07									
	16 63	± 0.7	± 0.3	± 0.1									
63 250	± 1.2	± 0.5	± 0.2										
250 1000	± 2.0	± 0.8	± 0.3										
					D-I INDUSTRIAL					크기 SIZE	A 3	코드 번호 CODE ID. NO.	



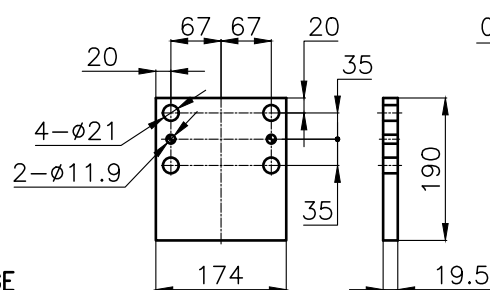
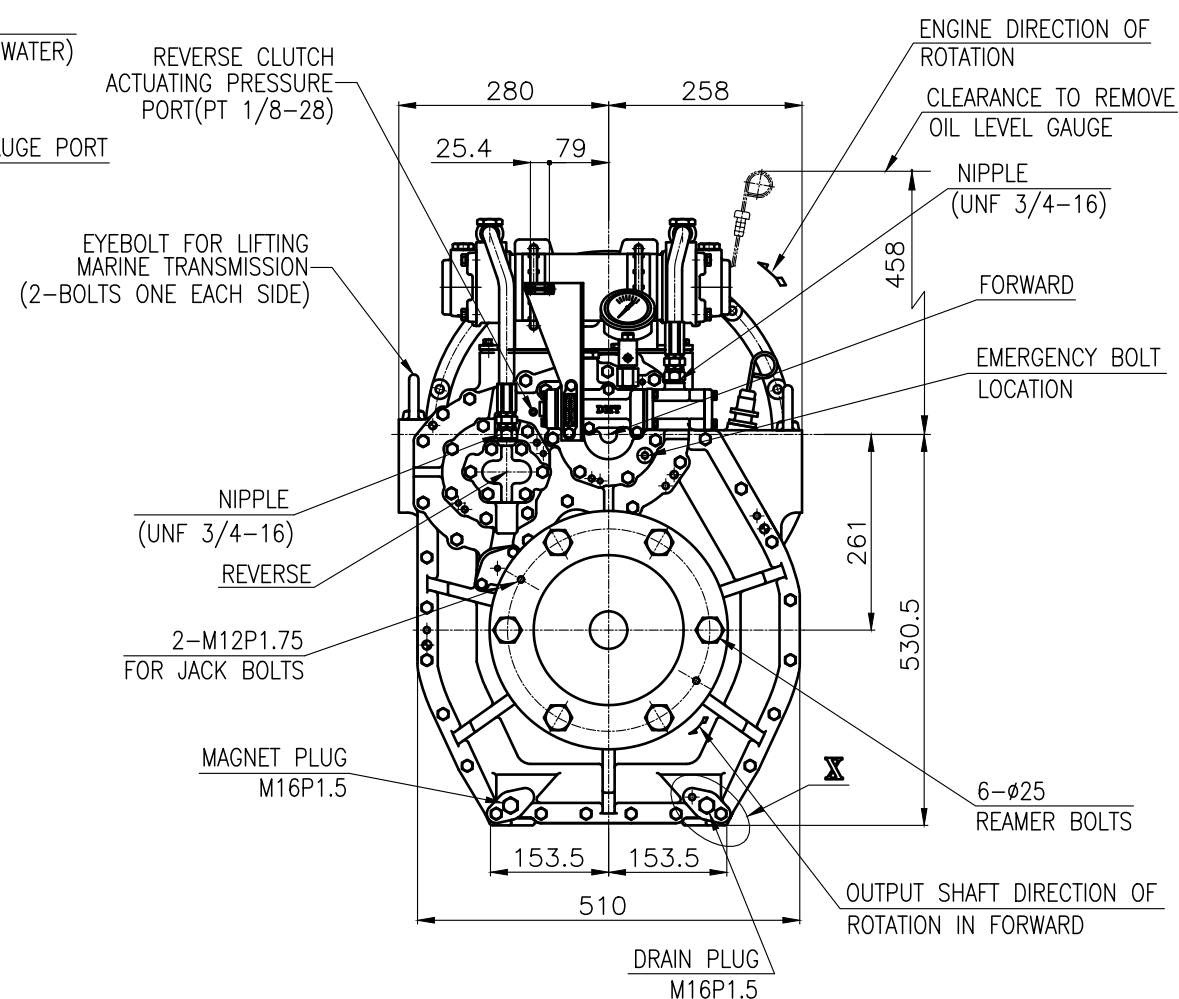
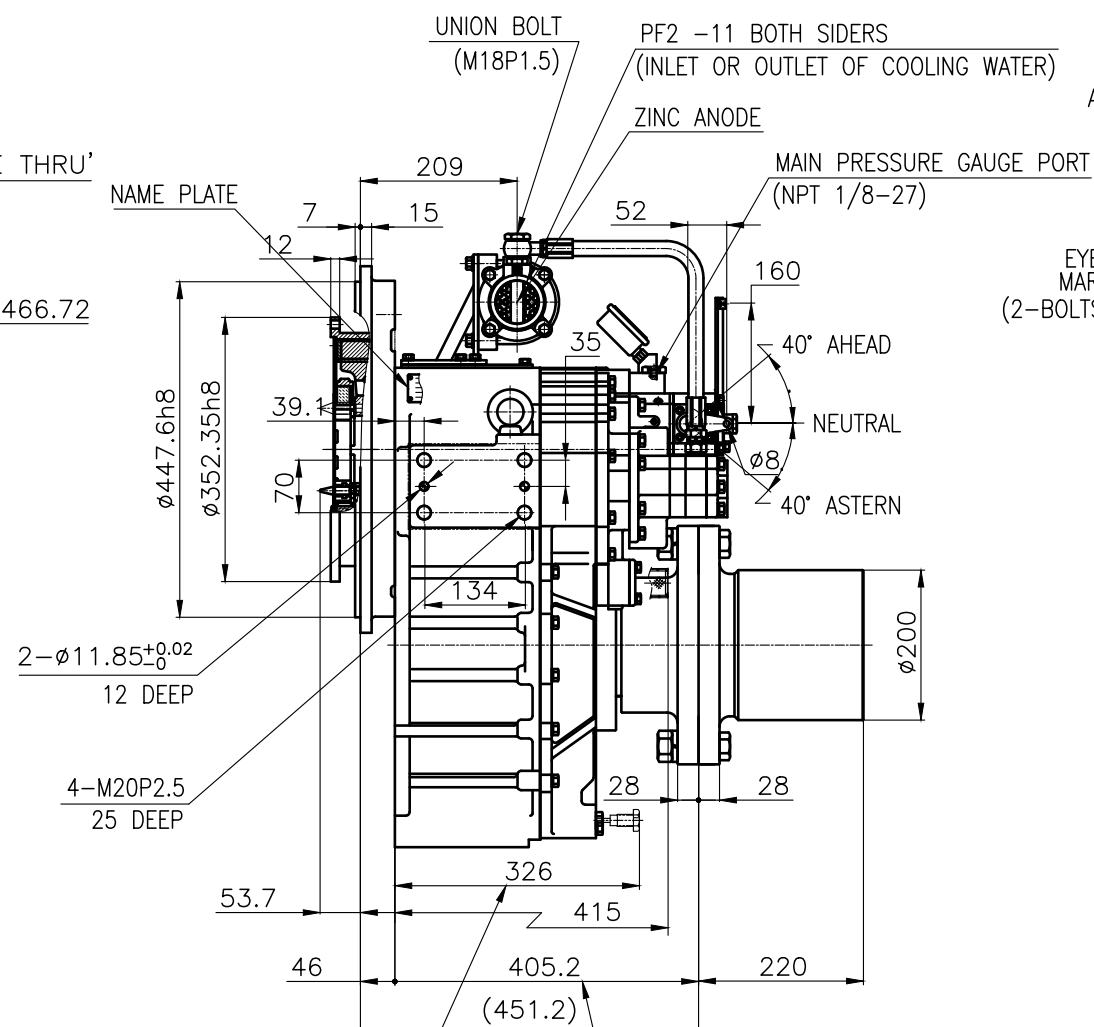
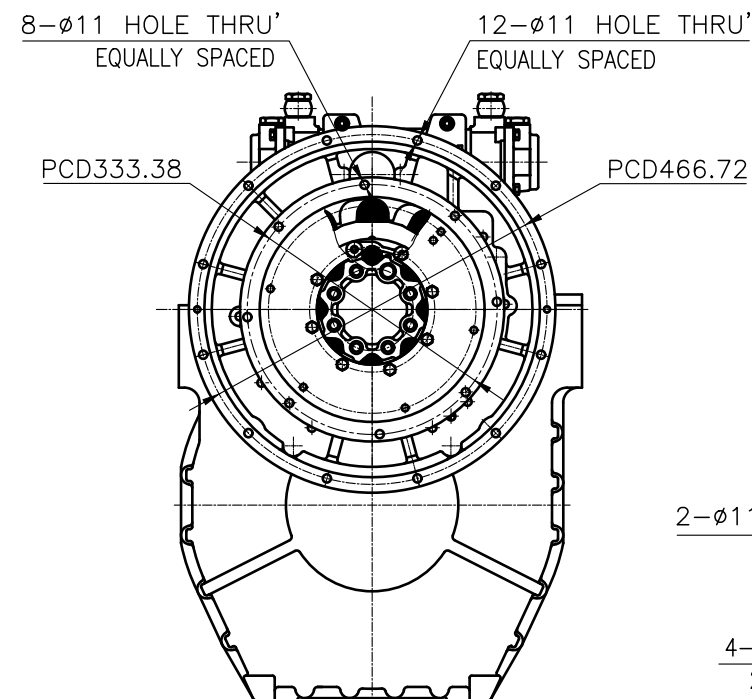
OUTPUT SHAFT COUPLING & PROPELLER COUPLING DIMENSION



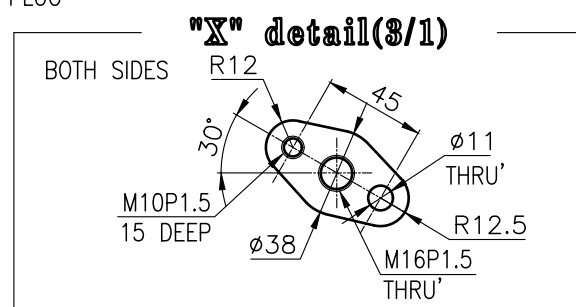
INPUT COUPLING DIMENSION



DMT 200HL MARINE TRANSMISSION SPECIFICATION		
GEAR RATIO	4.04, 4.48	
TOTAL WEIGHT	APPROX. 380 kg(DRY)	
OIL CAPACITY	APPROX. 10 L	
OIL VISCOSITY	SAE # 30	
OIL PRESSURE	1.96 ~ 2.54 MPa	CLUTCH OIL
DIRECTION OF ROTATION IN FORWARD	INPUT	C.C.W VIEWED FROM THE STERN
	OUTPUT	C.W VIEWED FROM THE STERN
OIL CHANGE INTERVAL	THE FIRST 100HOURS OF INITIAL OPERATION	
	AND EVERY 1000HOURS THEREAFTER	
SHIFTING LIMIT	UNDER 50% OF THE RATED ENGINE SPEED	
OIL COOLER	WATER FLOW 40 ~ 60L/min	
	TEMPERATURE OF COOLING WATER	MAX 32°
OPERATING TORQUE OF SHIFTING LEVER		UNDER 2.94Nm



BRACKET DIMENSION



REMARK

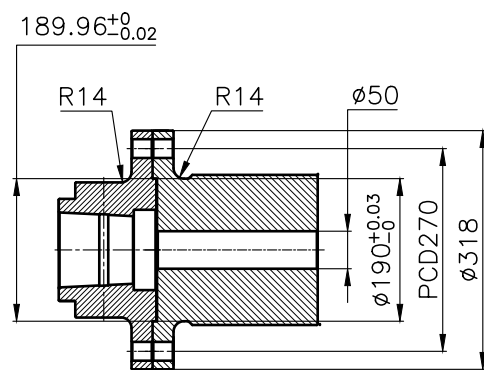
1.HOUSING: SAE#2

2.DRIVING RING: SAE 11.5"

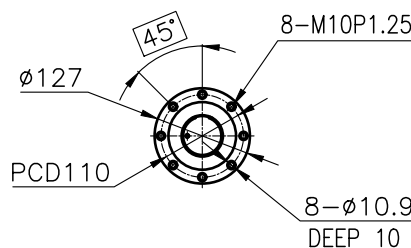
3.COUPLING TYPE : DUAL STAGE

4.APPLICATION ENGINE : STANDARD

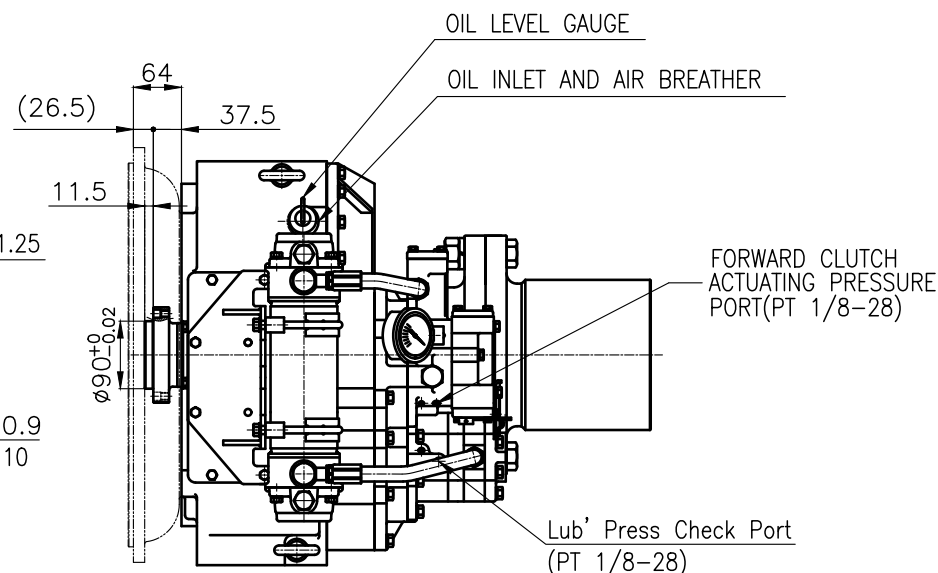
공통 사항 TOLERANCE ON					번호 NO.		품번 PART NO.		품명 PART NAME		개수 Q'TY		재질 MATERIAL		규격 SIZE		비고 REMARKS			
분수 FRACTIONS 소수 DECIMALS 각도 ANGLES					재질 MATERIAL		작성 DATE 2018.06.29		척도 SCALE 1/1		형식 TYPE		DMT190HL		원도 번호 ORIGINAL DWG. NO.					
± — ± — ± —							승인 APPROVED BY JK.Kim		검토 CHECKED BY TH.Cha		제도 DRAWN CH.Baek		설계 DESIGNED		품명 NAME		MARINE TRANSMISSION			
일 연 차	제조사 가공														도면 번호 DWG. NO.		190000HB~C-2115DC		개정 (REV) 000	
	구별	조급	중급	정급																
	1 호과 4 이하	± 0.3	± 0.1	± 0.05																
	4 16	± 0.5	± 0.2	± 0.07																
	16 63	± 0.7	± 0.3	± 0.1																
	63 250	± 1.2	± 0.5	± 0.2																
	250 1000	± 2.0	± 0.8	± 0.3																
					 D-I INDUSTRIAL								크기 SIZE		A 3		코드 번호 CODE ID. NO.			



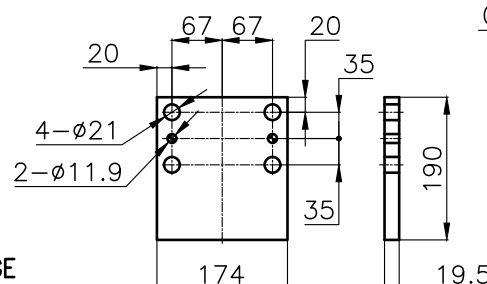
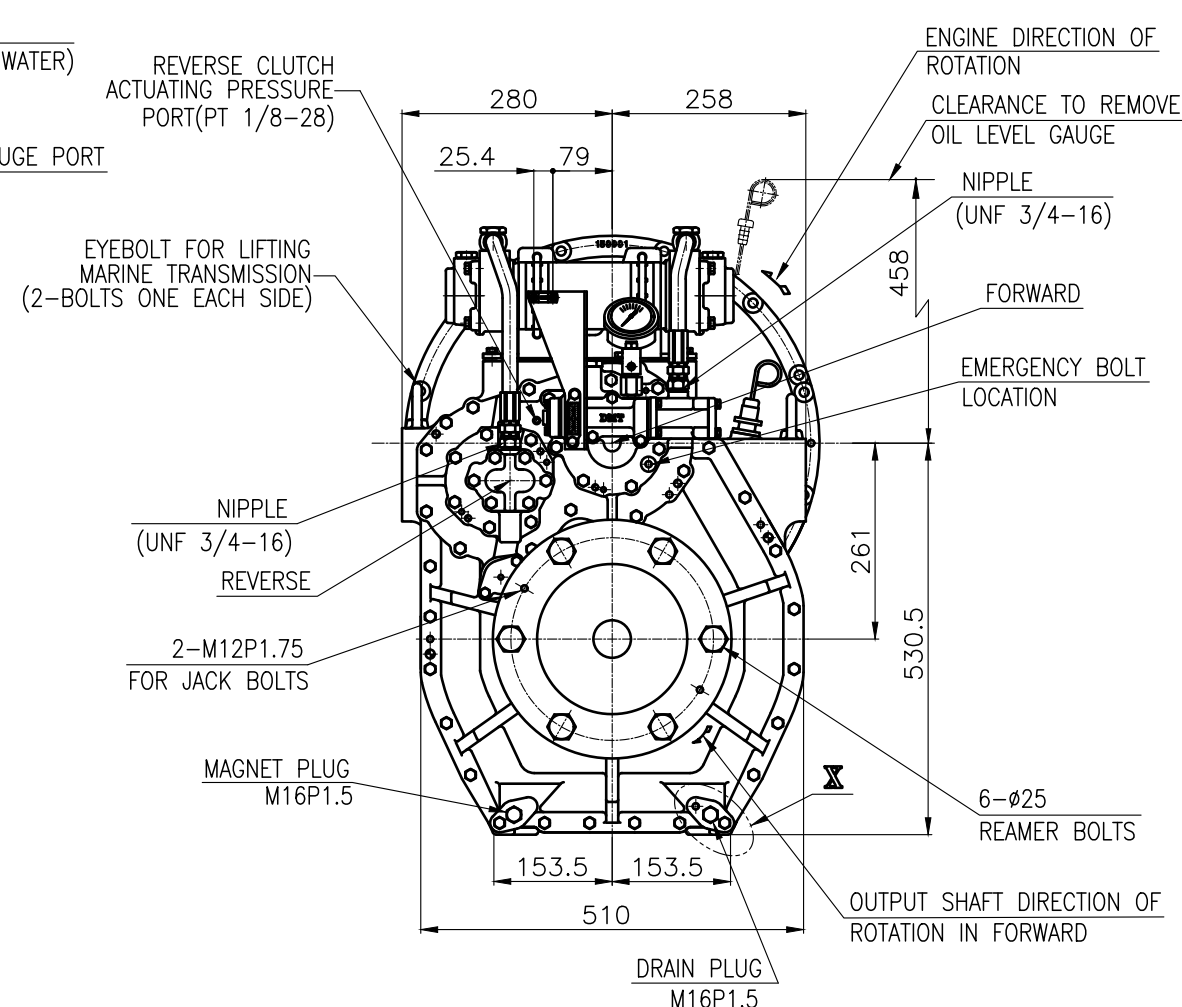
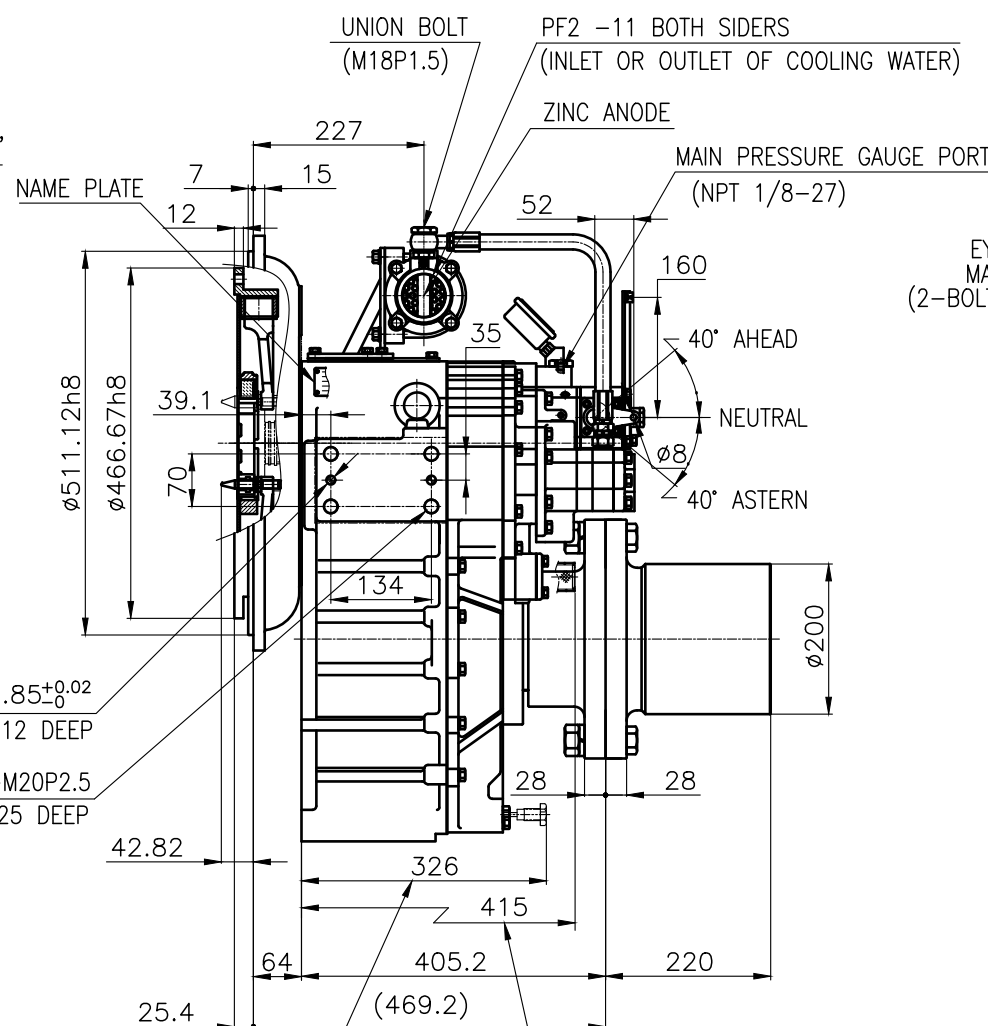
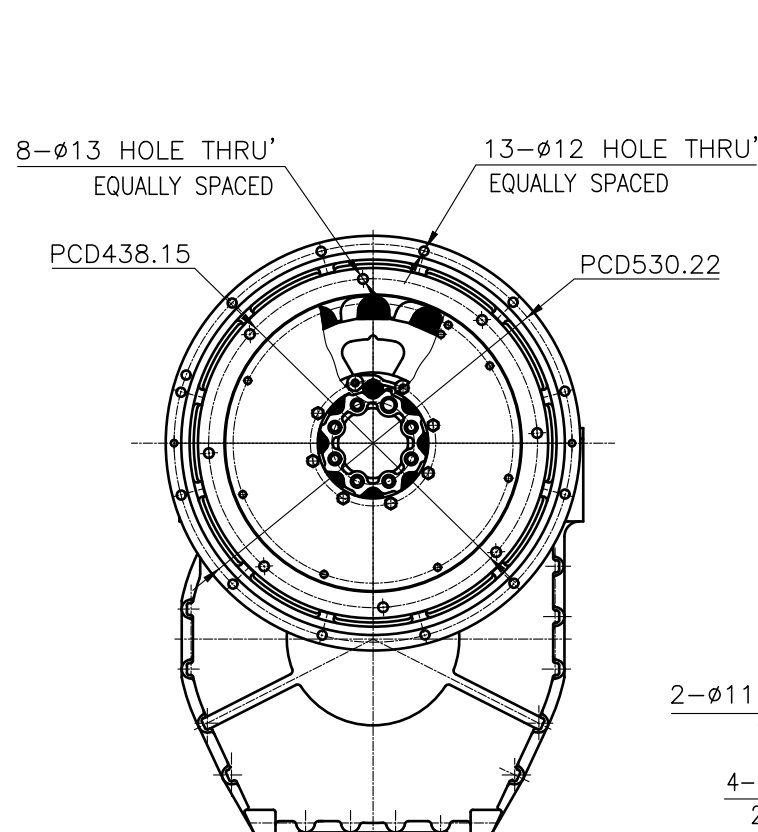
OUTPUT SHAFT COUPLING & PROPELLER COUPLING DIMENSION



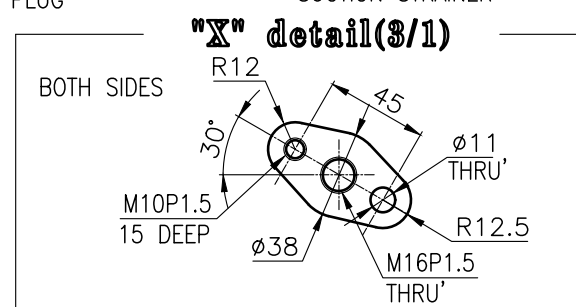
INPUT COUPLING DIMENSION



DMT 200HL MARINE TRANSMISSION SPECIFICATION			
GEAR RATIO	4.04, 4.48		
TOTAL WEIGHT	APPROX. 380 kg(DRY)		
OIL CAPACITY	APPROX. 10 L		
OIL VISCOSITY	SAE # 30		
OIL PRESSURE	1.96 ~ 2.54 MPa	CLUTCH OIL	
DIRECTION OF ROTATION IN FORWARD	INPUT	C.C.W VIEWED FROM THE STERN	
	OUTPUT	C.W VIEWED FROM THE STERN	
OIL CHANGE INTERVAL	THE FIRST 100HOURS OF INITIAL OPERATION		
	AND EVERY 1000HOURS THEREAFTER		
SHIFTING LIMIT	UNDER 50% OF THE RATED ENGINE SPEED		
OIL COOLER	WATER FLOW 40 ~ 60L/min		
	TEMPERATURE OF COOLING WATER		MAX 32°
OPERATING TORQUE OF SHIFTING LEVER		UNDER 2.94Nm	



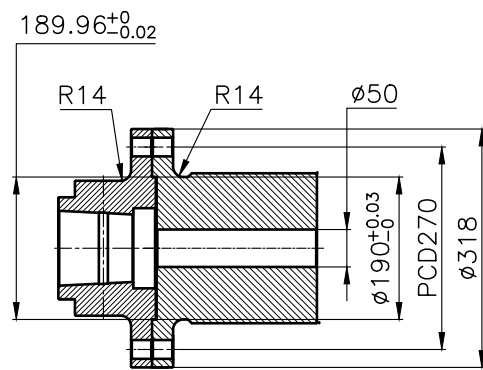
BRACKET DIMENSION



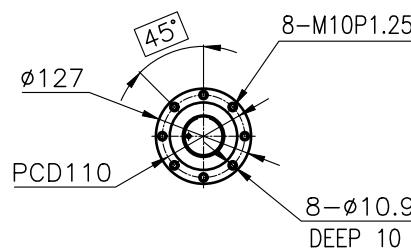
REMARK

1.HOUSING: SAE#1	4
2.DRIVING RING: SAE 14"	2
3.COUPLING TYPE : DUAL STAGE	
4.APPLICATION ENGINE : STANDARD	

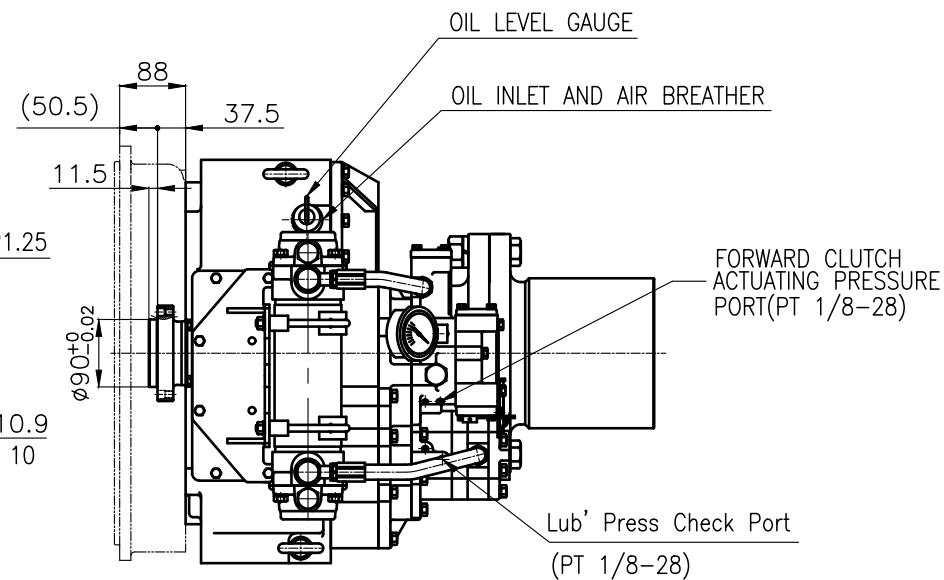
公差公差 TOLERANCE ON					번호 NO.	품 PART NO.		품 PART NAME 명		개 수 Q'TY	재 질 MATERIAL	규 SIZE		비 고 REMARKS																			
분 수 소 수 각 도 FRACTIONS DECIMALS ANGLES					재 질 MATERIAL					형 식 TYPE	DMT190HL		원 도 번 ORIGINAL DWG. NO.																				
± ± ±						작성 DATE 2018.06.29		척 도 SCALE 1/1		품 명 MARINE TRANSMISSION																							
절삭가공 <table><tr><td>구경</td><td>조금</td><td>중급</td><td>정교</td></tr><tr><td>1 초과 4 이하</td><td>± 0.3</td><td>± 0.1</td><td>± 0.05</td></tr><tr><td>4 16</td><td>± 0.5</td><td>± 0.2</td><td>± 0.07</td></tr><tr><td>16 63</td><td>± 0.7</td><td>± 0.3</td><td>± 0.1</td></tr><tr><td>63 250</td><td>± 1.2</td><td>± 0.5</td><td>± 0.2</td></tr><tr><td>250 1000</td><td>± 2.0</td><td>± 0.8</td><td>± 0.3</td></tr></table>					구경	조금	중급	정교	1 초과 4 이하						± 0.3	± 0.1	± 0.05	4 16	± 0.5	± 0.2	± 0.07	16 63	± 0.7	± 0.3	± 0.1	63 250	± 1.2	± 0.5	± 0.2	250 1000	± 2.0	± 0.8	± 0.3
					구경	조금	중급	정교																									
					1 초과 4 이하	± 0.3	± 0.1	± 0.05																									
					4 16	± 0.5	± 0.2	± 0.07																									
					16 63	± 0.7	± 0.3	± 0.1																									
63 250	± 1.2	± 0.5	± 0.2																														
250 1000	± 2.0	± 0.8	± 0.3																														
					JK.Kim		TH.Cha		CH.Baek		도 번 DWG. NO.	190000HB~C-114DC		개정(REV.) 000																			
										크 기 SIZE	A 3	코-드 번 호 CODE ID. NO.																					



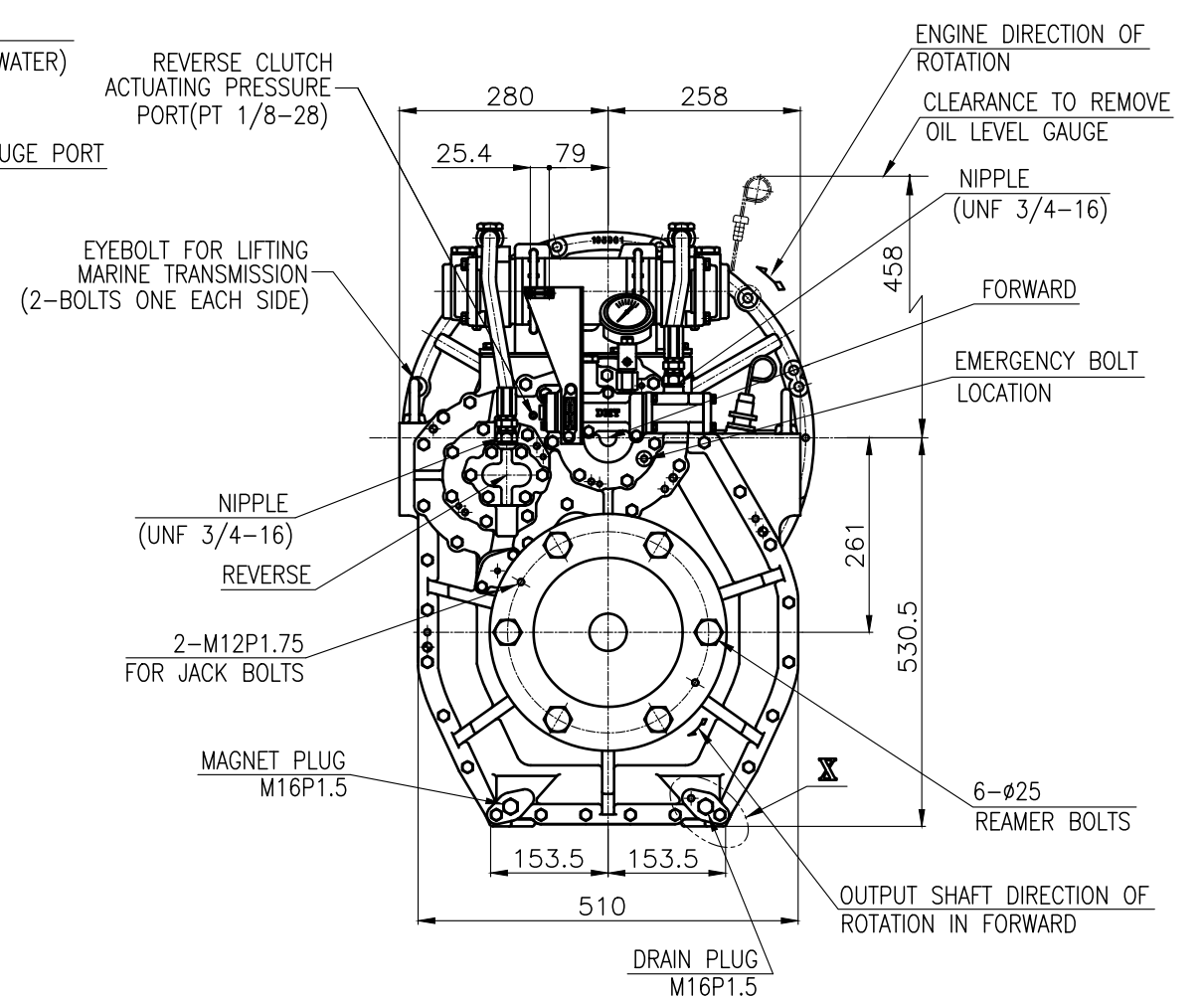
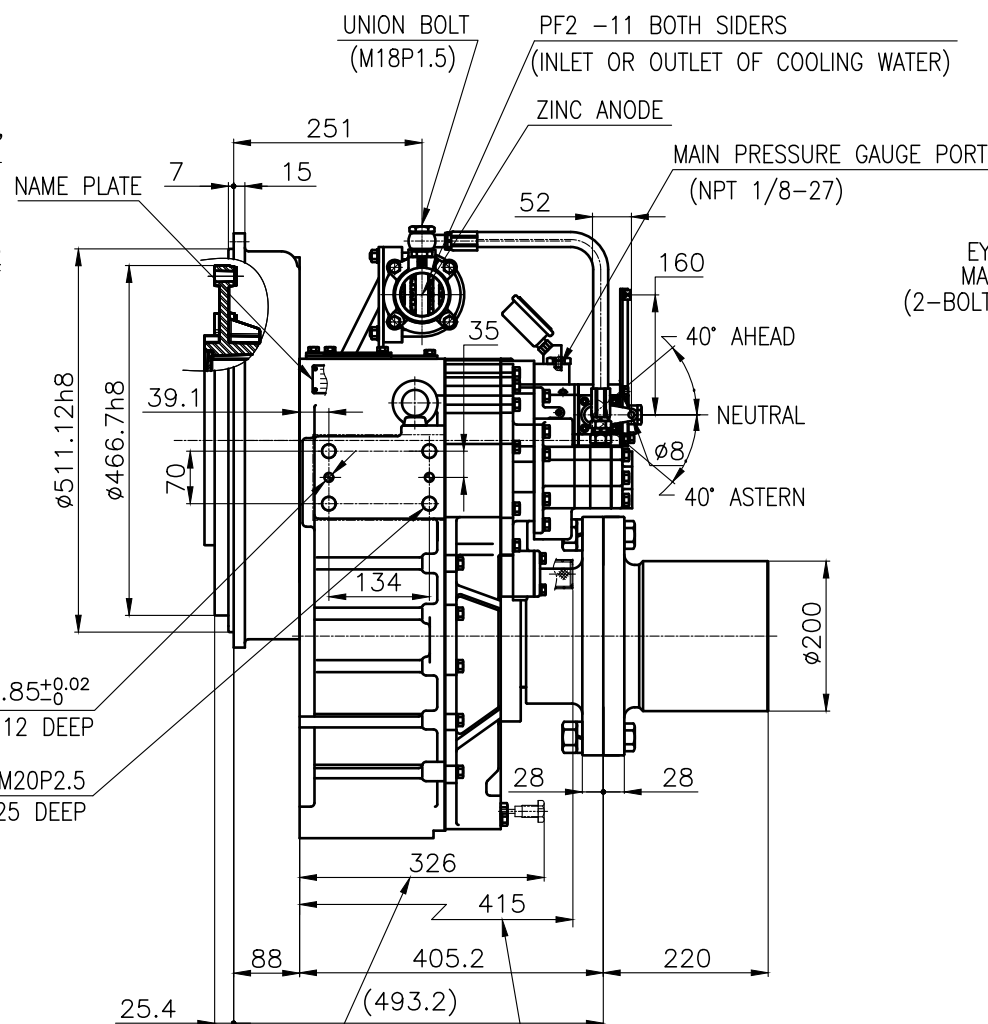
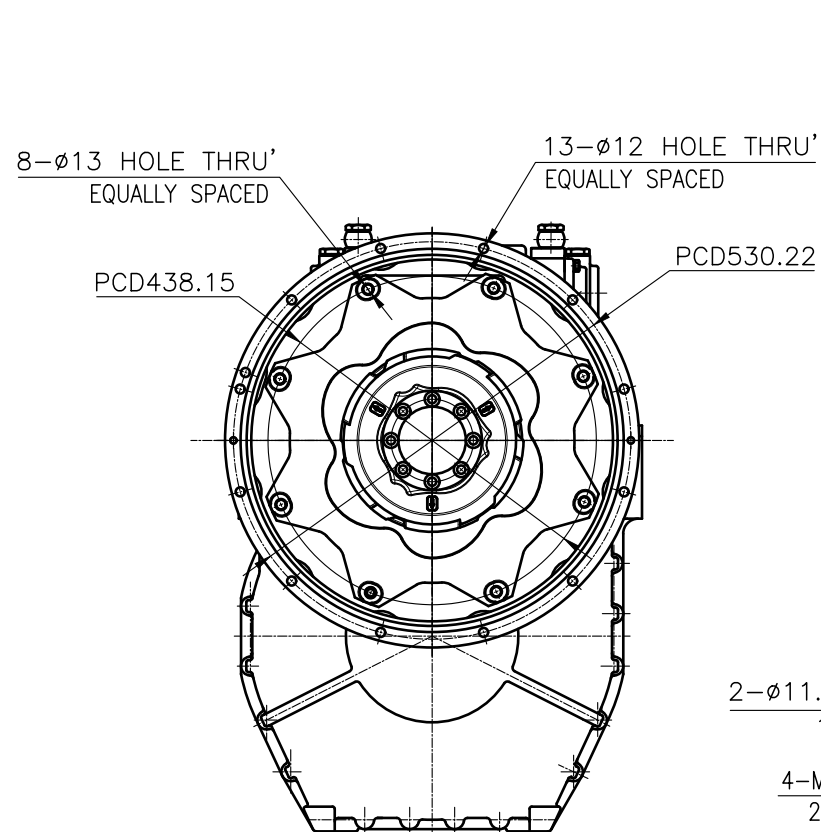
OUTPUT SHAFT COUPLING & PROPELLER COUPLING DIMENSION



INPUT COUPLING DIMENSION



DMT 190HL MARINE TRANSMISSION SPECIFICATION			
GEAR RATIO	4.04, 4.48		
TOTAL WEIGHT	APPROX. 380 kg(DRY)		
OIL CAPACITY	APPROX. 10 L		
OIL VISCOSITY	SAE # 30		
OIL PRESSURE	1.96 ~ 2.54 MPa		CLUTCH OIL
DIRECTION OF ROTATION IN FORWARD	INPUT	C.C.W VIEWED FROM THE STERN	
	OUTPUT	C.W VIEWED FROM THE STERN	
OIL CHANGE INTERVAL	THE FIRST 100HOURS OF INITIAL OPERATION		
	AND EVERY 1000HOURS THEREAFTER		
SHIFTING LIMIT	UNDER 50% OF THE RATED ENGINE SPEED		
OIL COOLER	WATER FLOW 40 ~ 60L/min		
	TEMPERATURE OF COOLING WATER		MAX 32℃
OPERATING TORQUE OF SHIFTING LEVER			UNDER 2.94Nm



REMARK

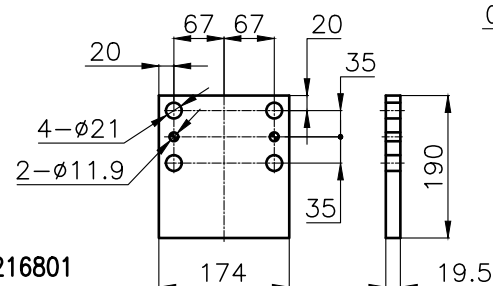
1.HOUSING: SAE#1 4-

2.DRIVING RING: SAE 14" 2-ø

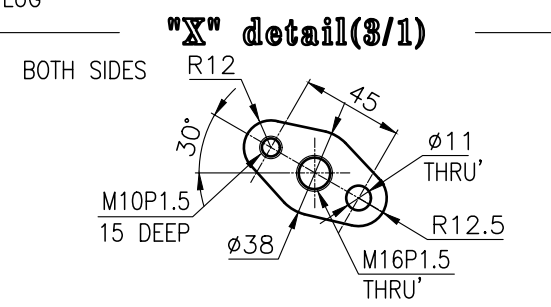
3.COUPLING TYPE

—CENTA Flex Coupling : 77216801

4.APPLICATION ENGINE : STANDARD



BRACKET DIMENSION

[illegible]