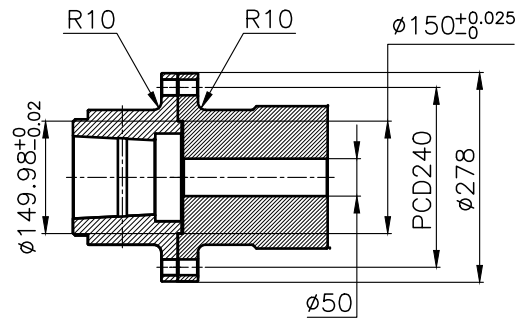
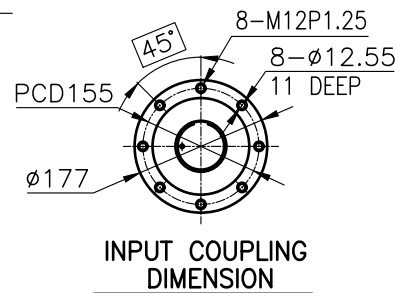
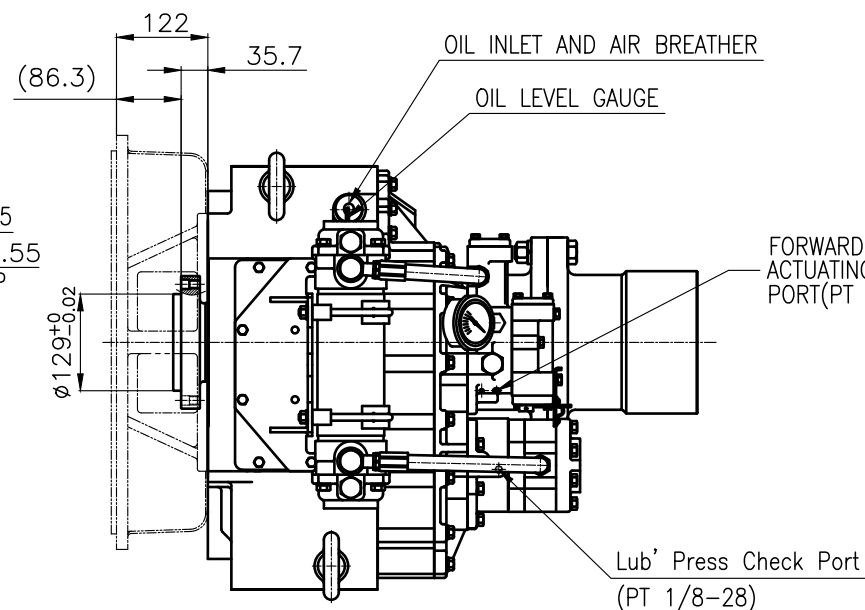




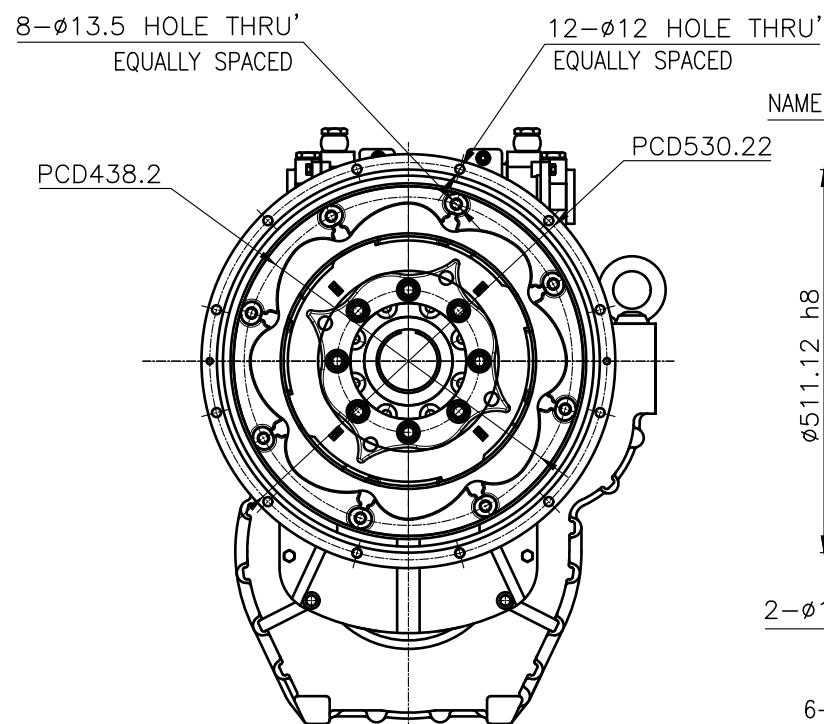
OUTPUT SHAFT COUPLING &
PROPELLER COUPLING DIMENSION



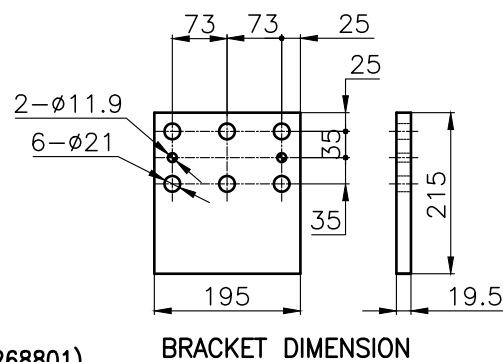
INPUT COUPLING
DIMENSION



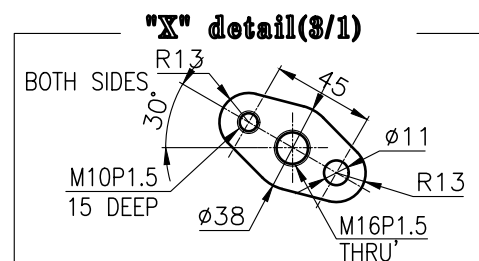
DMT280H MARINE TRANSMISSION SPECIFICATION			
GEAR RATIO	2.06, 2.50, 2.92, 3.26		
TOTAL WEIGHT	APPROX. 490 Kg(DRY)		
OIL CAPACITY	APPROX. 8 L		
OIL VISCOSITY	SAE # 30		
OIL PRESSURE	1.96 ~ 2.54 MPa	CLUTCH OIL	
DIRECTION OF ROTATION IN FORWARD	INPUT	C.C.W VIEWED FROM THE STERN	
	OUTPUT	C.W VIEWED FROM 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 60 ~ 80 L/min		
	TEMPERATURE OF COOLING WATER		MAX 32℃
OPERATING TORQUE OF SHIFTING LEVER		UNDER 2.94Nm	



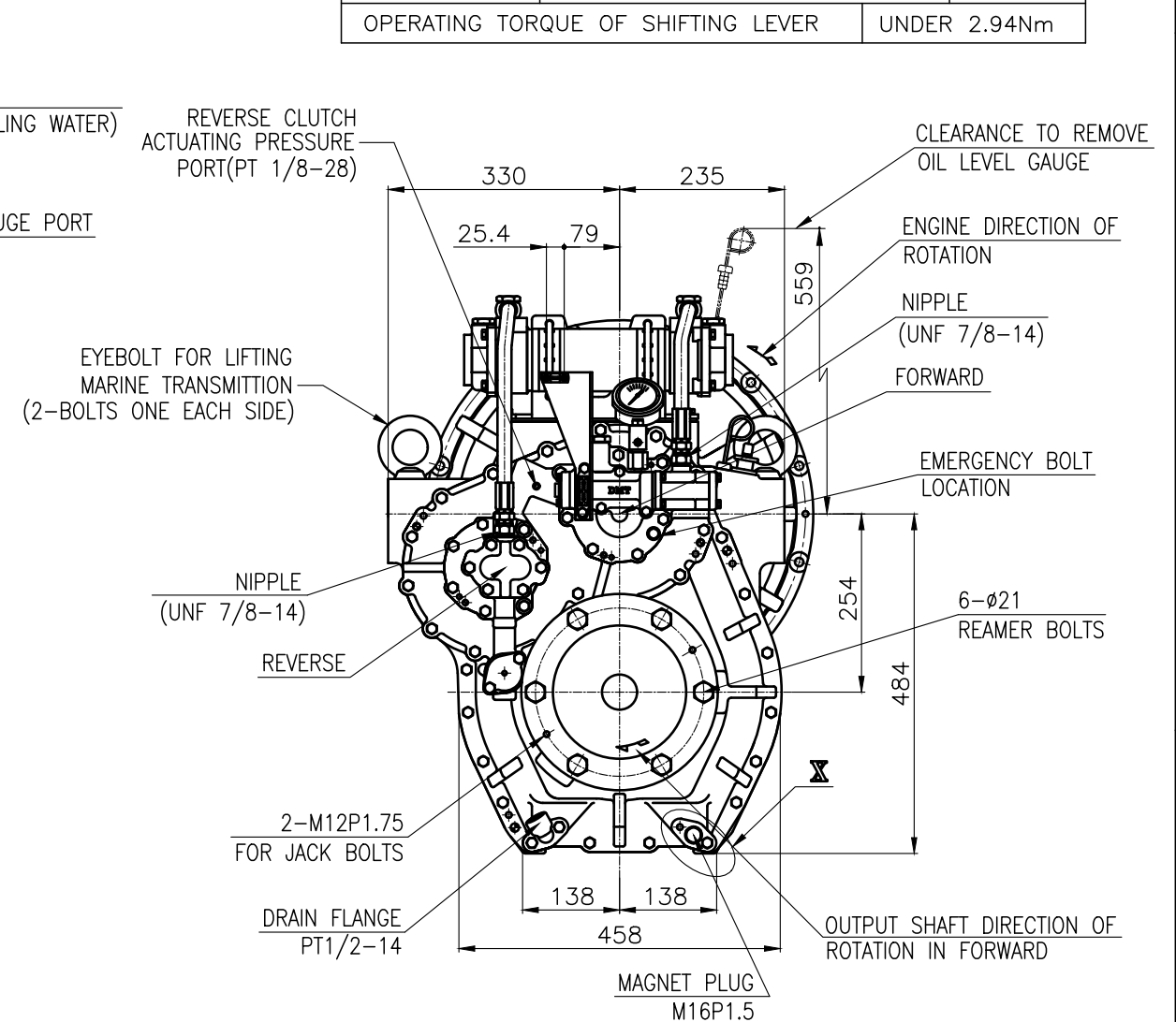
REMARK
1. HOUSING: SAE#1
2. DRIVING RING: SAE 14"
3. COUPLING TYPE
CENTA Flex Coupling (77268801)



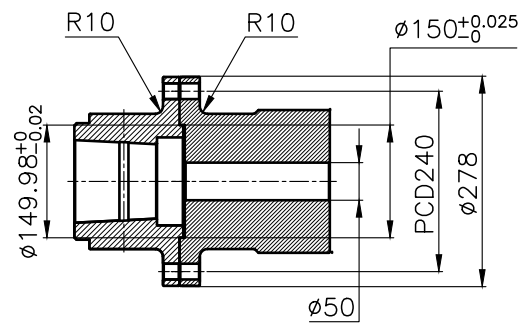
BRACKET DIMENSION



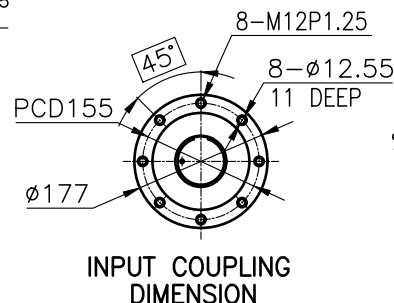
"X" detail(3/1)



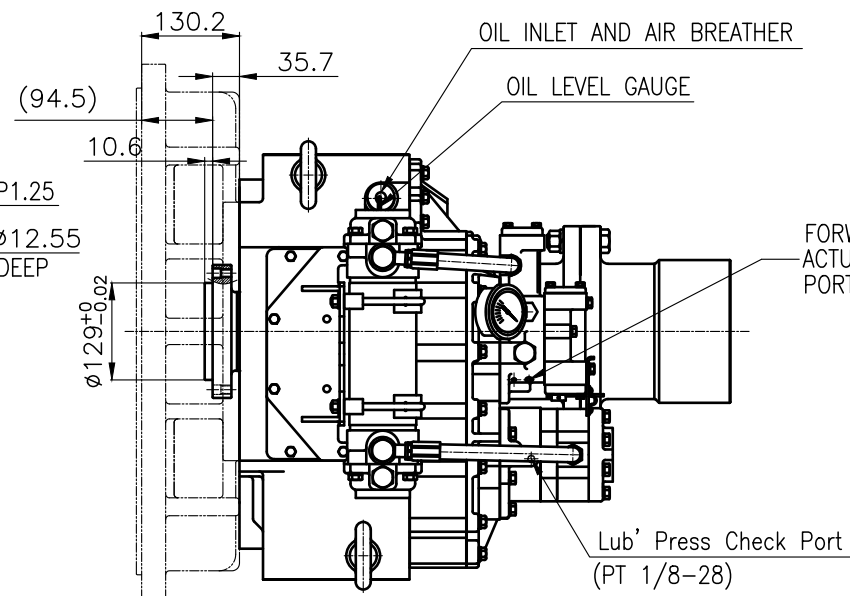
공 통 공 차 TOLERANCE ON					번 호 NO.	부 품 PART NO. 번	부 품 PART NAME 명		개 수 Q'TY	재 질 MATERIAL	규 격 SIZE	비 고 REMARKS
분 수 FRACTIONS		소 수 DECIMALS		각 도 ANGLES								
± ———		± ———		± ———								
일 반 용 차	절 삭 가 공											
	구 분	조 공	중 공	정 공								
	1 초과 4 이하	± 0.3	± 0.1	± 0.05								
	4 16	± 0.5	± 0.2	± 0.07								
	16 63	± 0.7	± 0.3	± 0.1								
						작 성 DATE 2018.06.29	척 도 SCALE 1/1					
					승 인 APPROVED BY JK.Kim	검 도 CHECKED BY TH.Cha	제 도 DRAWN CH.Baek	설 계 DESIGNED				
									부 품 명 NAME	DMT280H		
									도 번 DWG. NO.	28000GA~D-114CFR		
										개 혁 (REV.) 000		
									크 기 SIZE	A 3	코 -드 번 호 CODE ID. NO.	
					D-I INDUSTRIAL							



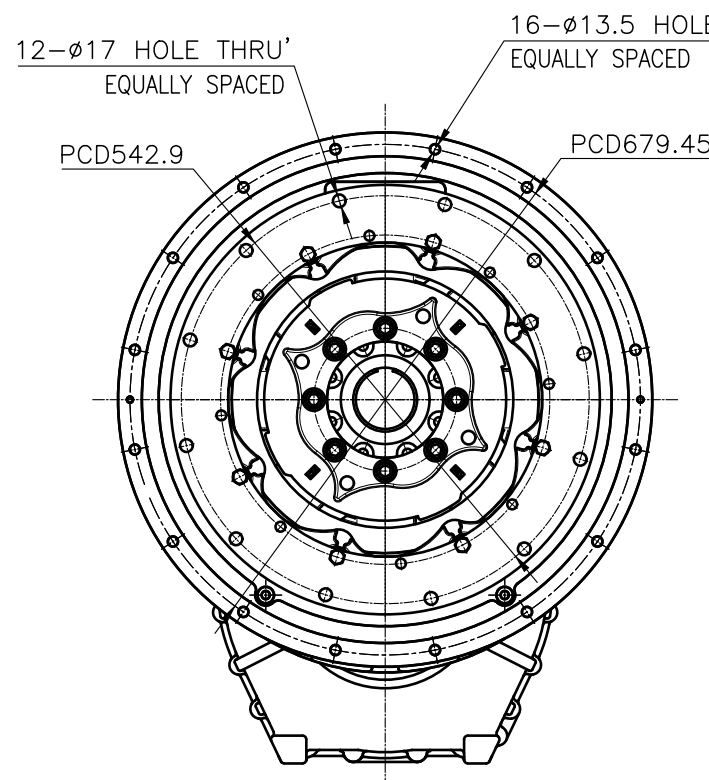
OUTPUT SHAFT COUPLING &
PROPELLER COUPLING DIMENSION



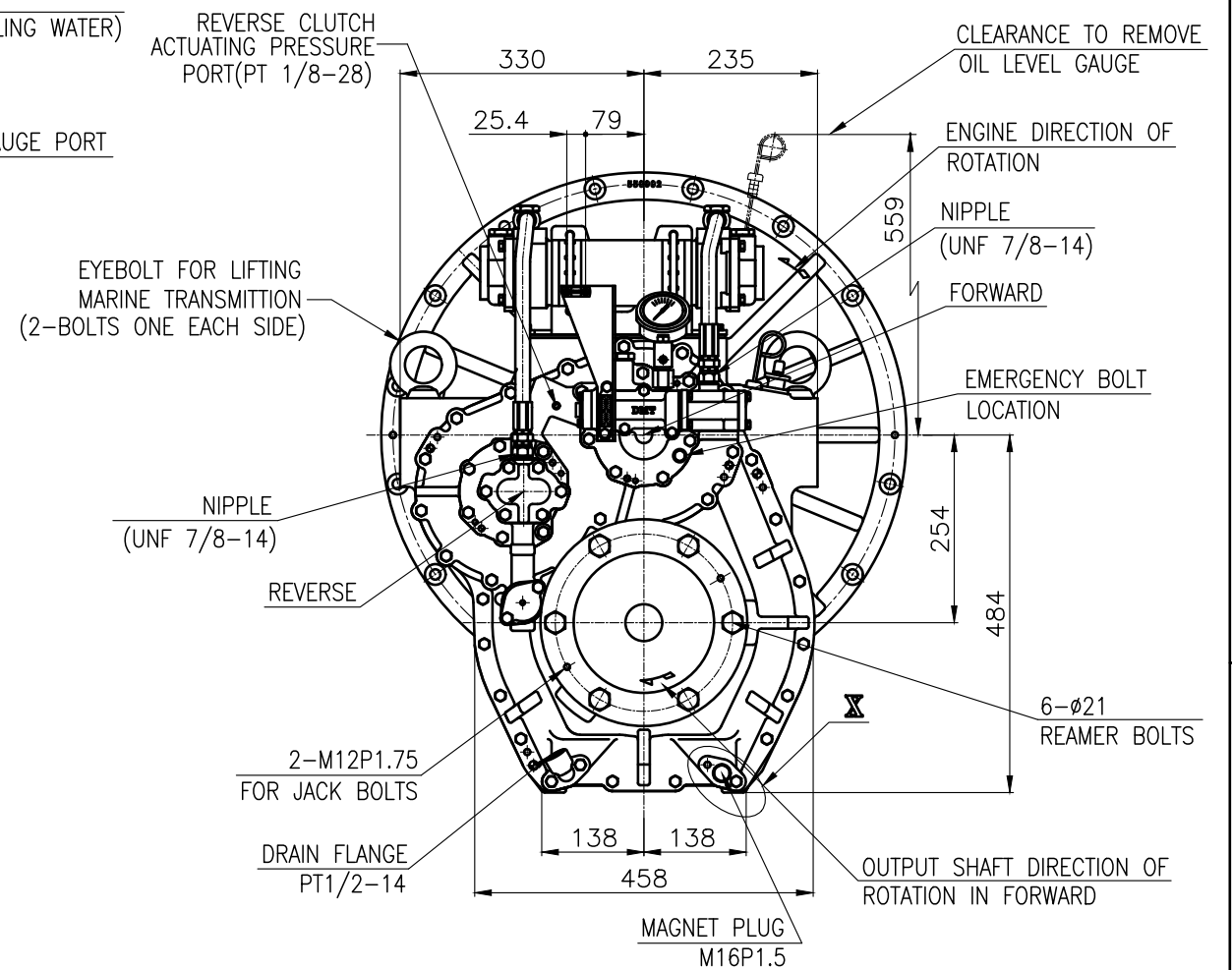
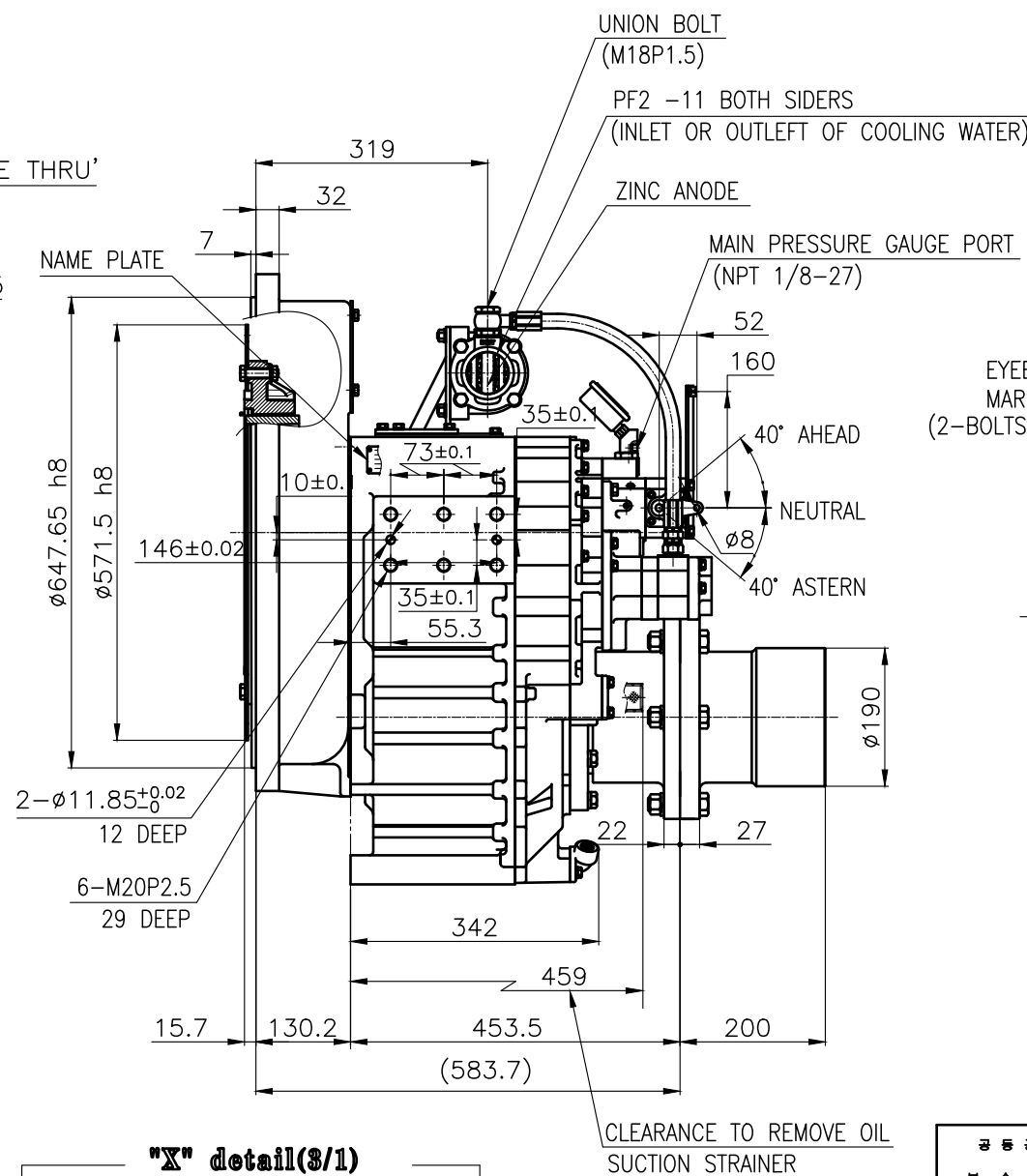
INPUT COUPLING
DIMENSION



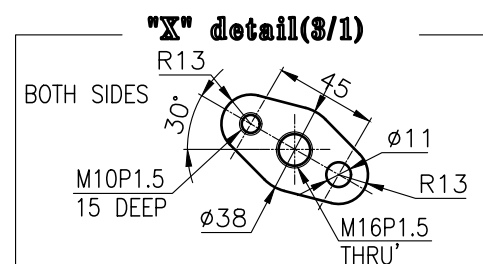
DMT280H MARINE TRANSMISSION SPECIFICATION			
GEAR RATIO	2.06, 2.50, 2.92, 3.26		
TOTAL WEIGHT	APPROX. 490 Kg(DRY)		
OIL CAPACITY	APPROX. 8 L		
OIL VISCOSITY	SAE # 30		
OIL PRESSURE	1.96 ~ 2.54 MPa		CLUTCH OIL
DIRECTION OF ROTATION IN FORWARD	INPUT	C.C.W VIEWED FROM THE STERN	
	OUTPUT	C.W VIEWED FROM 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 60 ~ 80 L/min		
	TEMPERATURE OF COOLING WATER		MAX 32°C
OPERATING TORQUE OF SHIFTING LEVER			UNDER 2.94Nm



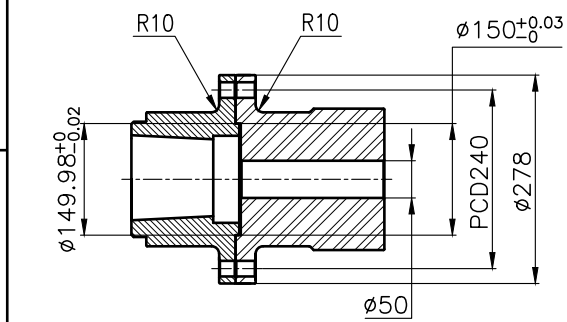
BRACKET DIMENSION



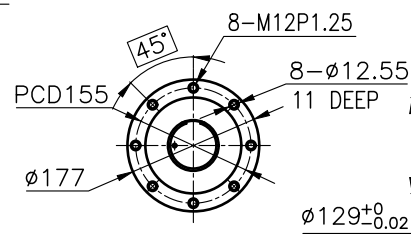
REMARK
1.HOUSING: SAE#0
2.DRIVING RING: SAE 18"
3.COUPLING TYPE
CENTA Flex Coupling (77268802)



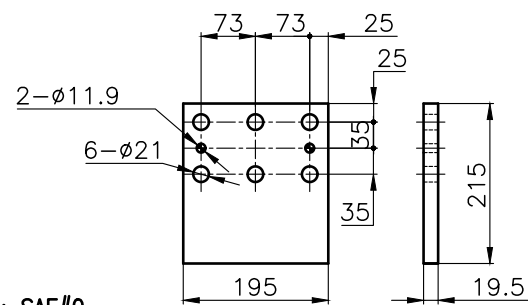
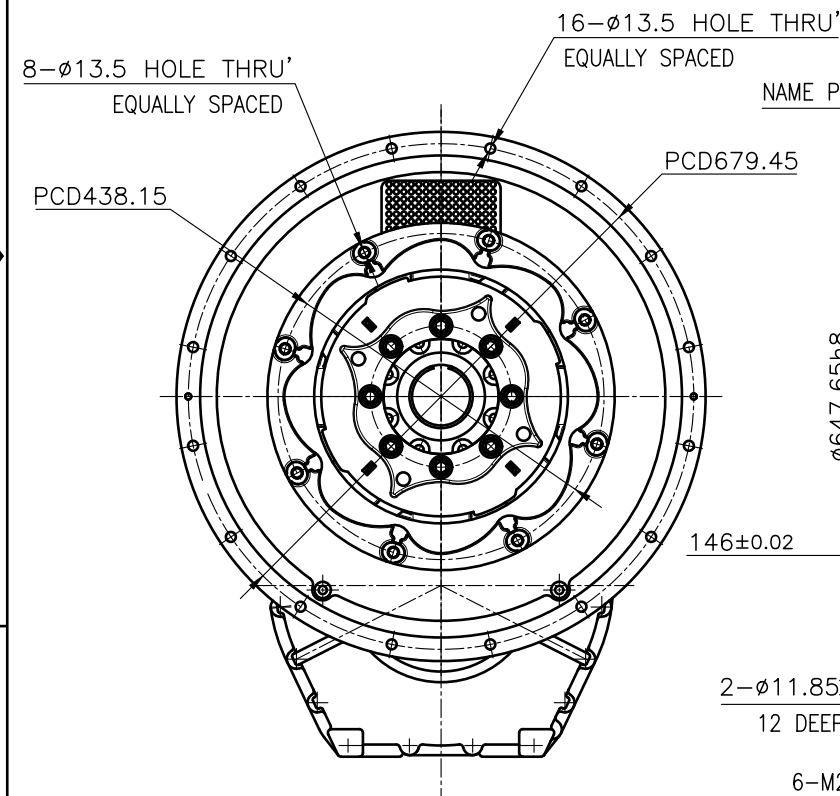
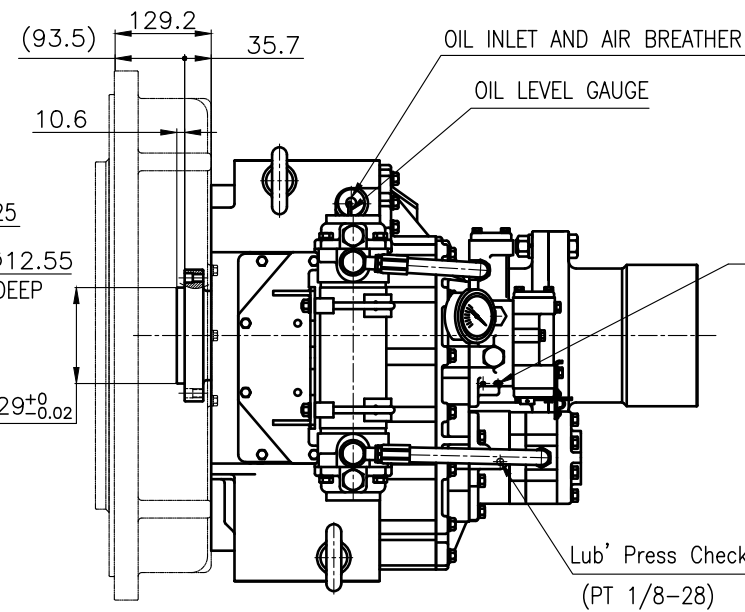
관용 공차 TOLERANCE ON					번호 NO.		품 PART NO.		품 PART NAME		개 수 Q'TY	재 MATERIAL	구 SIZE	비 고 REMARKS				
분 수 FRACTIONS		소 수 DECIMALS		각 도 ANGLES	재 MATERIAL					형 식 TYPE		DMT280H		원 도 번 ORIGINAL DWG. NO.				
± —		± —		± —			작성 DATE 2018.06.29		척 도 SCALE 1/1		품 명 NAME		MARINE TRANSMISSION					
정밀 차					승 인 APPROVED BY		검 도 CHECKED BY		제 도 DRAWN		설 계 DESIGNED		도 번 DWG. NO.		개형 (REV.)			
구 분					JK.Kim		TH.Cha		CH.Baek				28000GA~D-018CFR		000			
정밀 차					D-I INDUSTRIAL										크 기 SIZE		A 3	코-드 번호 CODE ID. NO.
정밀 차					1 초과 4 이하		± 0.3		± 0.1		± 0.05							
정밀 차					4 16		± 0.5		± 0.2		± 0.07							
정밀 차					16 63		± 0.7		± 0.3		± 0.1							
정밀 차					63 250		± 1.2		± 0.5		± 0.2							
정밀 차					250 1000		± 2.0		± 0.8		± 0.3							



OUTPUT SHAFT COUPLING & PROPELLER COUPLING DIMENSION



INPUT COUPLING DIMENSION



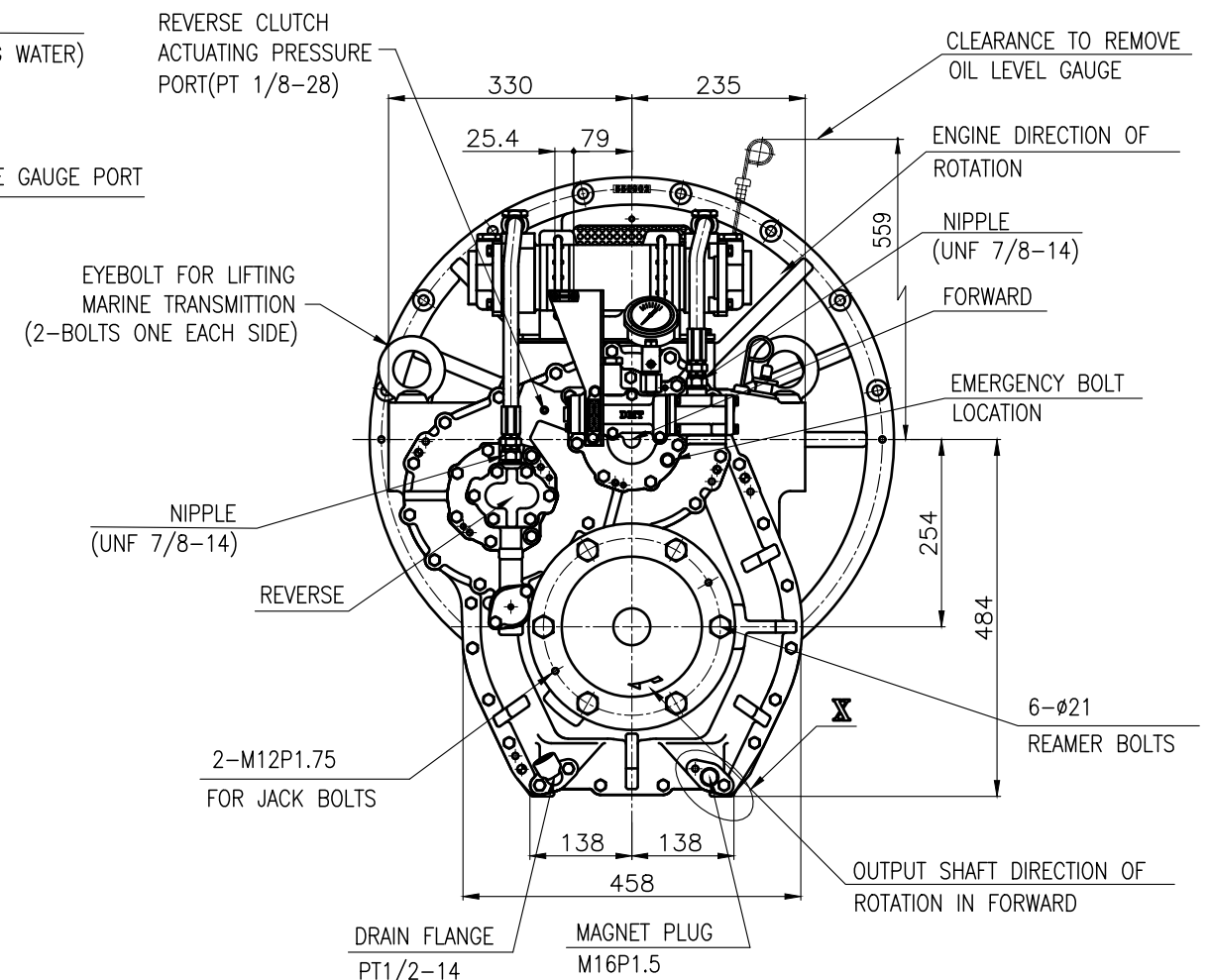
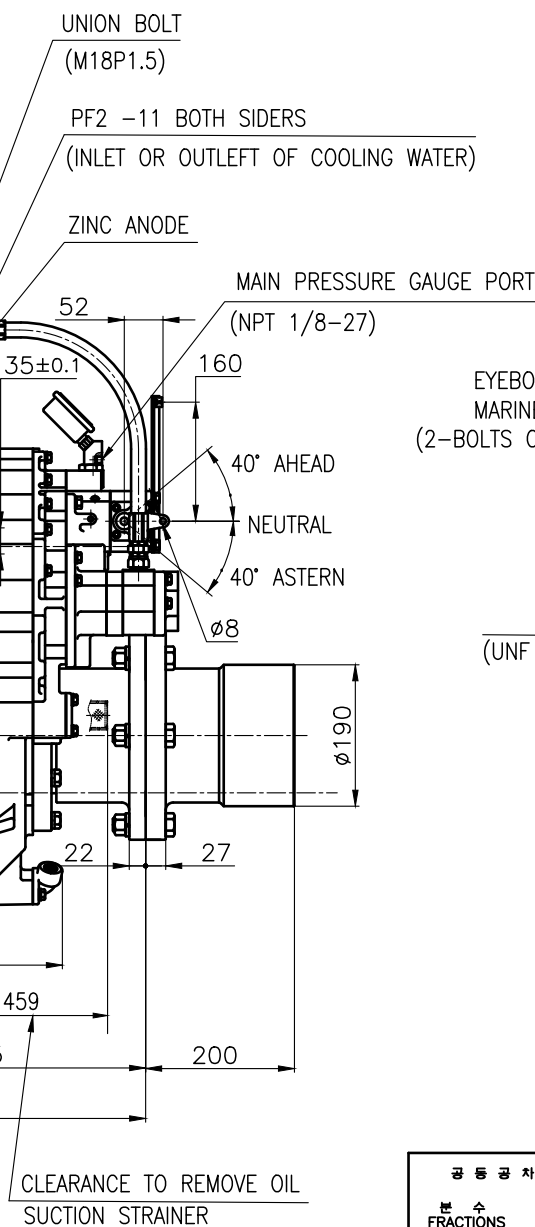
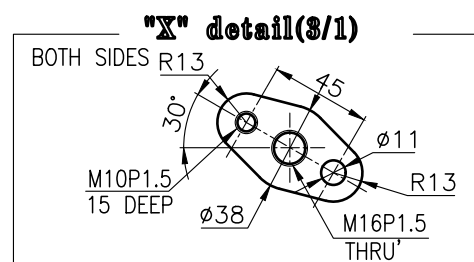
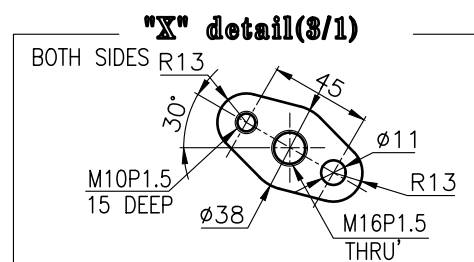
BRACKET DIMENSION

REMARK

1.HOUSING: SAE#0

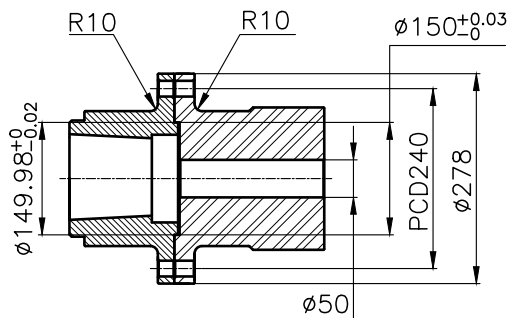
2.DRIVING RING: SAE 14"

3.COUPLING TYPE :
CENTA Flex Coupling (77268803)

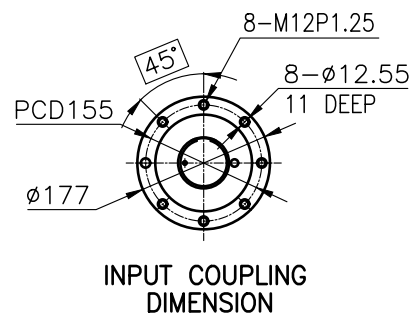


DMT280H MARINE TRANSMISSION SPECIFICATION			
GEAR RATIO	2.06, 2.50, 2.92, 3.26		
TOTAL WEIGHT	APPROX. 490 Kg(DRY)		
OIL CAPACITY	APPROX. 8 L		
OIL VISCOSITY	SAE # 30		
OIL PRESSURE	1.96 ~ 2.54 MPa	CLUTCH OIL	
DIRECTION OF ROTATION IN FORWARD	INPUT	C.C.W VIEWED FROM THE STERN	
	OUTPUT	C.W VIEWED FROM 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 60 ~ 80 L/min		
	TEMPERATURE OF COOLING WATER		MAX 32℃
OPERATING TORQUE OF SHIFTING LEVER			UNDER 2.94Nm

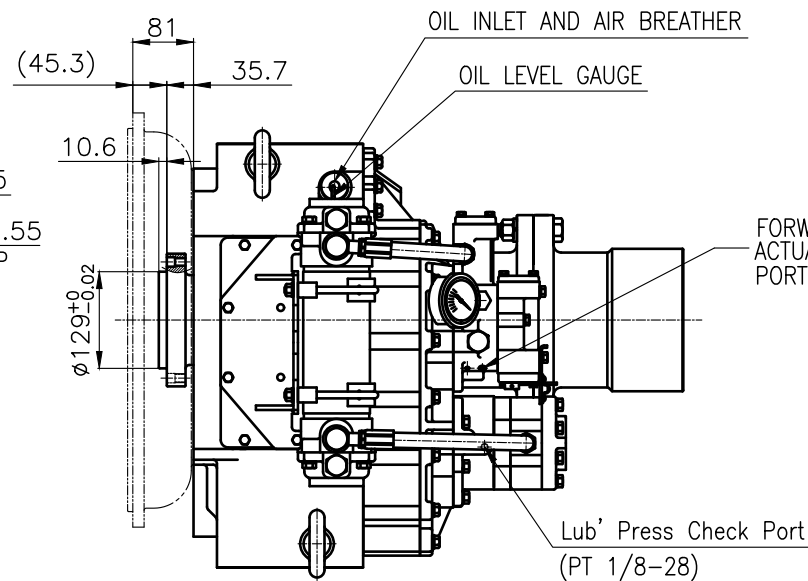
공 통 공 차 TOLERANCE ON					번호 NO.	품 PART NO.	품 PART NAME		개 수 Q'TY	재 질 MATERIAL	규 SIZE	비 고 REMARKS	
분 수 FRACTIONS 소 수 DECIMALS 각 도 ANGLES ± ± ±					재 질 MATERIAL				형 식 TYPE	DMT280H		원 도 번 ORIGINAL DWG. NO.	
일 구 1 초과 4 이하 ± 0.3 ± 0.1 ± 0.05 4 16 ± 0.5 ± 0.2 ± 0.07 16 63 ± 0.7 ± 0.3 ± 0.1 63 250 ± 1.2 ± 0.5 ± 0.2 250 1000 ± 2.0 ± 0.8 ± 0.3						작성 DATE 2018.04.16	척 도 SCALE 1/1	품 명 MARINE TRANSMISSION					
					승 인 APPROVED BY JK.Kim	검 도 CHECKED BY TH.Cha	제 도 DRAWN GH.Park						설 계 DESIGNED
					도 번 DWG. NO.	28000GA~D-014CFR	개정 (REV.) 000						
					D-I INDUSTRIAL				크 기 SIZE A 3	코 - 번 호 CODE ID. NO.			



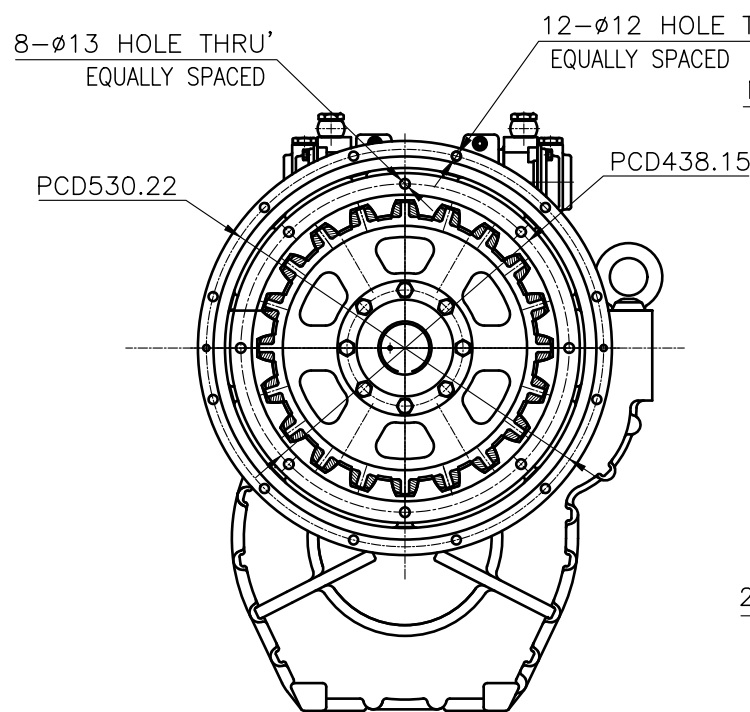
OUTPUT SHAFT COUPLING &
PROPELLER COUPLING DIMENSION



INPUT COUPLING
DIMENSION

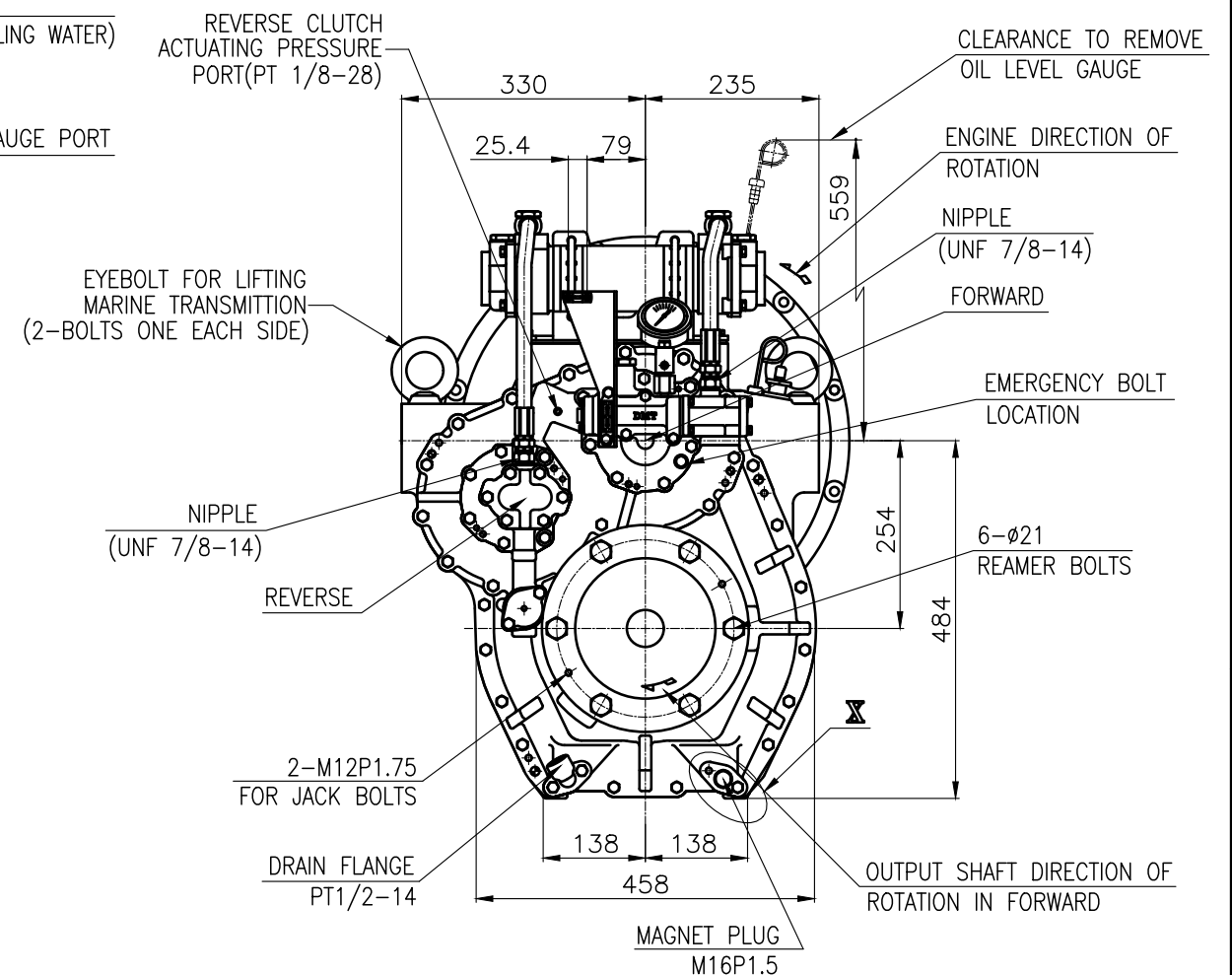
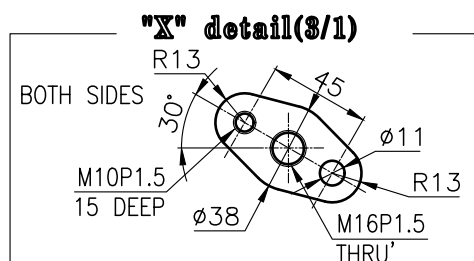
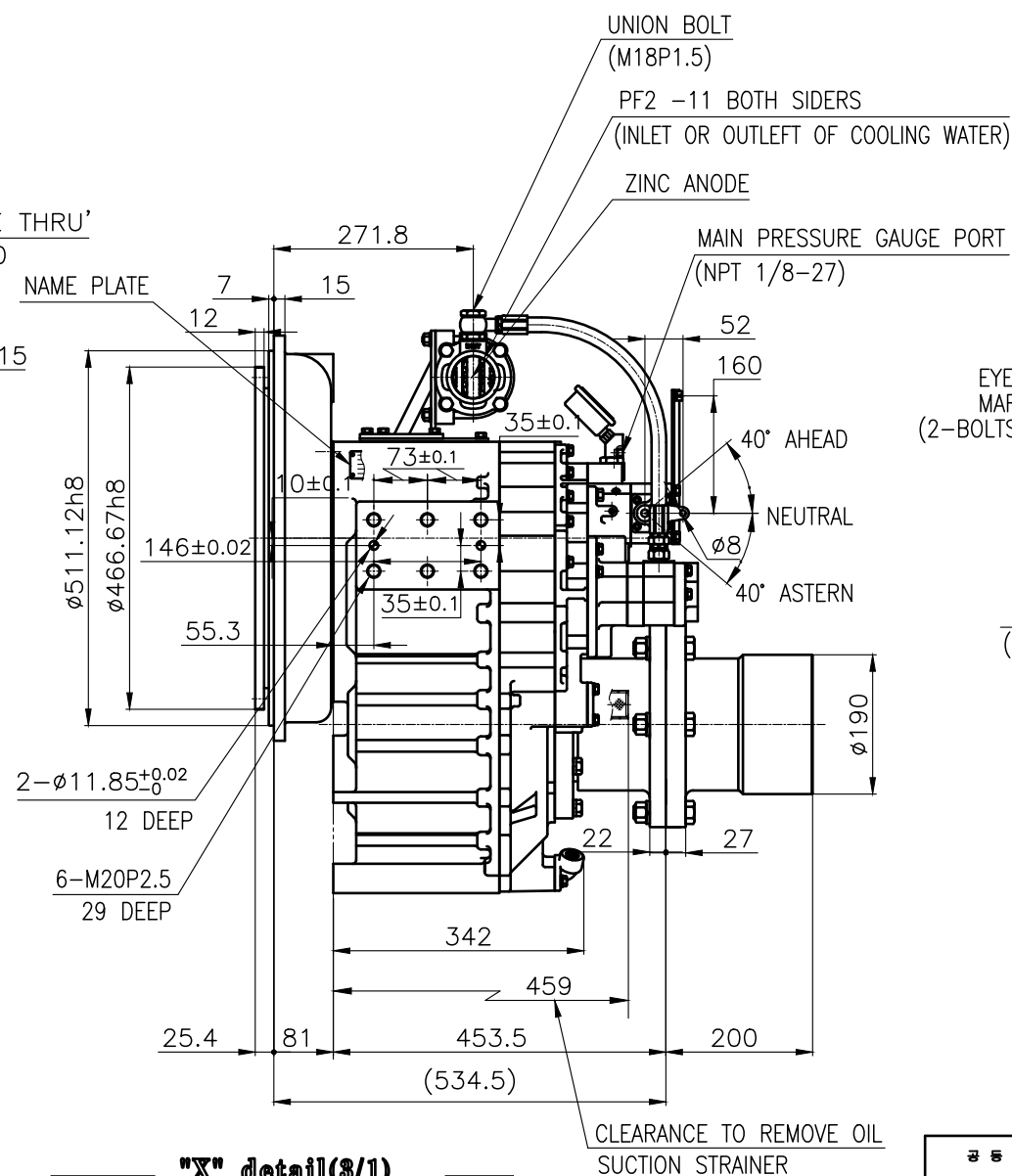


DMT280H MARINE TRANSMISSION SPECIFICATION			
GEAR RATIO	2.06, 2.50, 2.92, 3.26		
TOTAL WEIGHT	APPROX. 490 Kg(DRY)		
OIL CAPACITY	APPROX. 8 L		
OIL VISCOSITY	SAE # 30		
OIL PRESSURE	1.96 ~ 2.54 MPa	CLUTCH OIL	
DIRECTION OF ROTATION IN FORWARD	INPUT	C.C.W VIEWED FROM THE STERN	
	OUTPUT	C.W VIEWED FROM 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 60 ~ 80 L/min		
	TEMPERATURE OF COOLING WATER		MAX 32℃
OPERATING TORQUE OF SHIFTING LEVER		UNDER 2.94Nm	

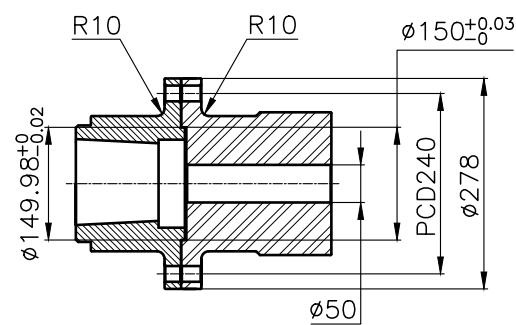


REMARK
1.HOUSING: SAE#1
2.DRIVING RING: SAE 14"
3.COUPLING TYPE : RUBBER

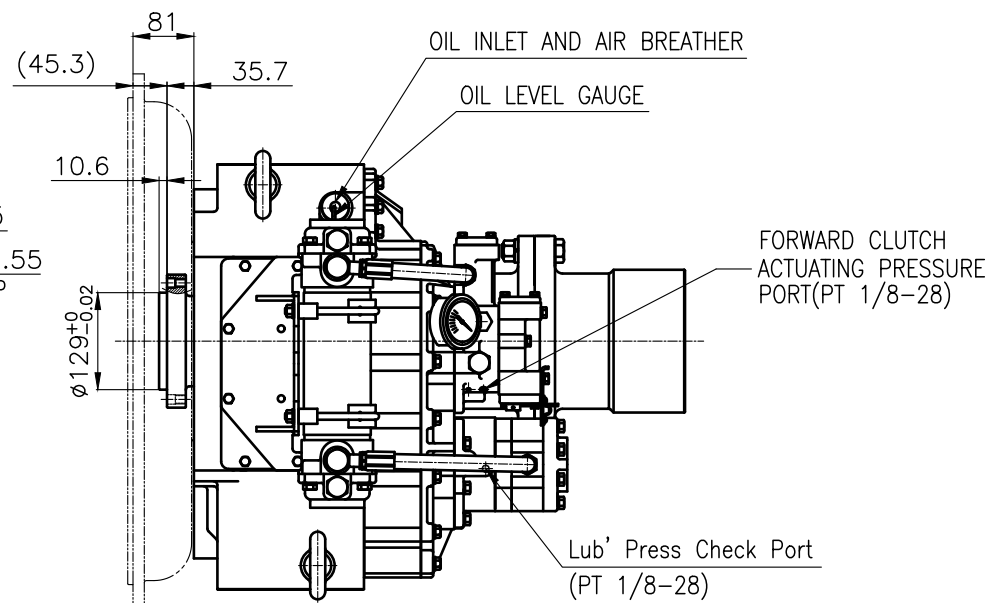
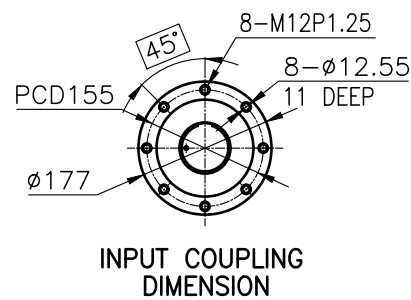
BRACKET DIMENSION



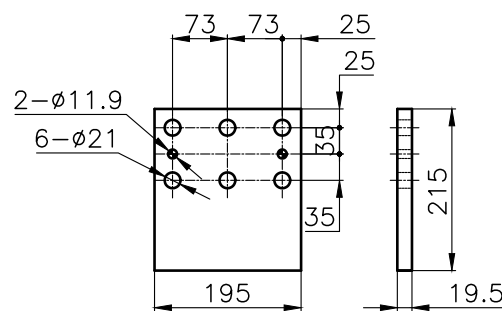
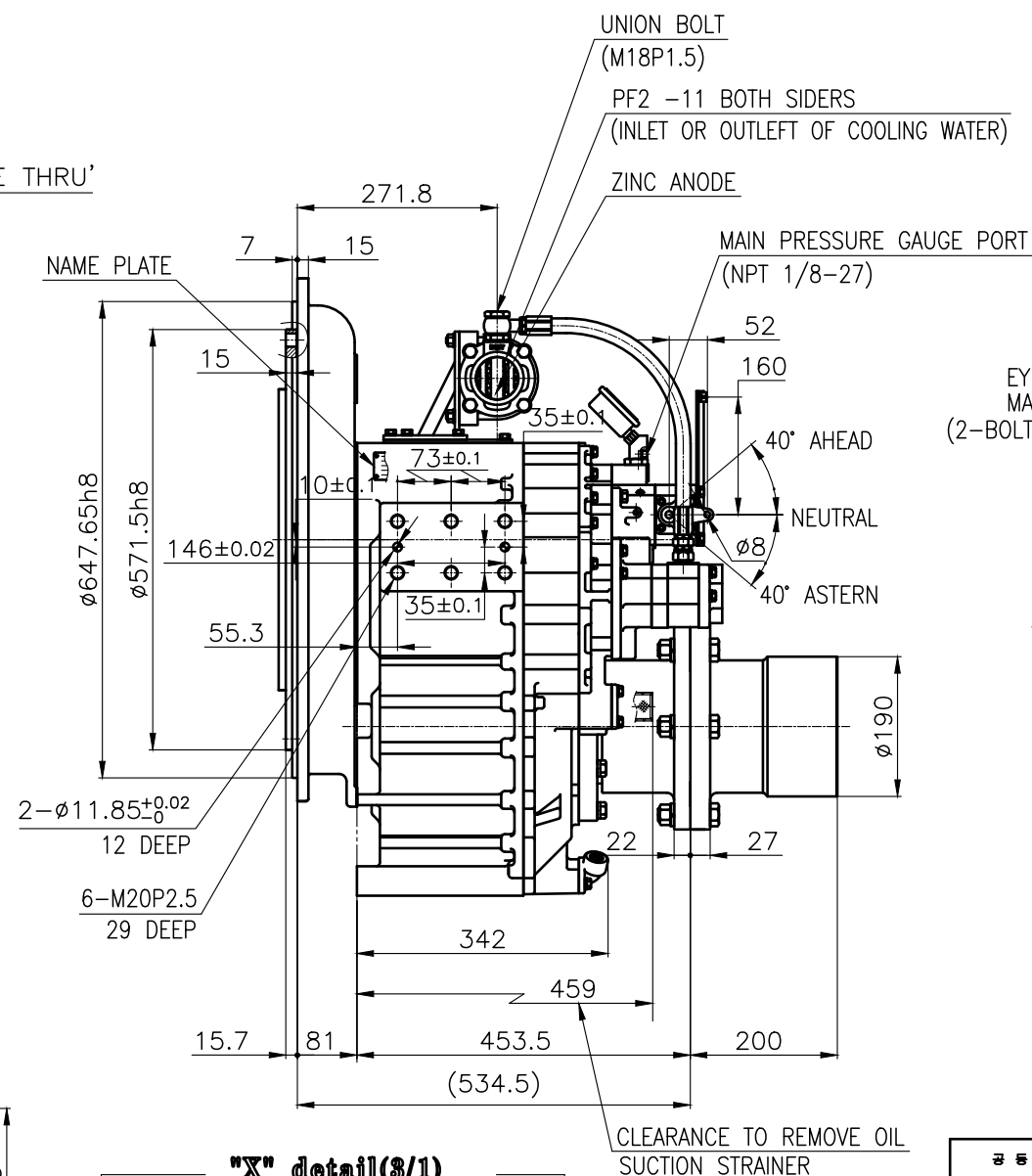
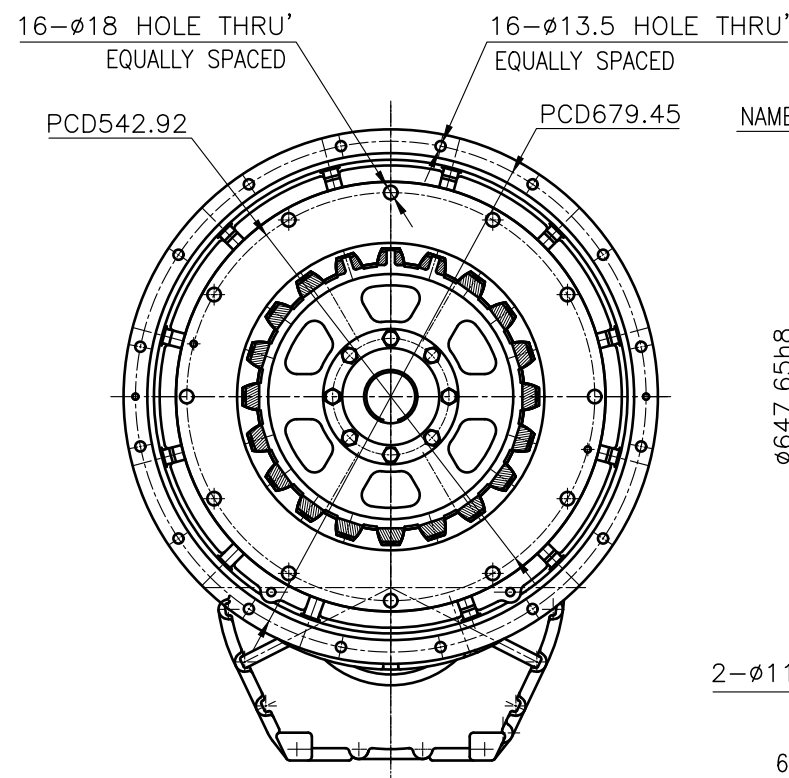
공용 공차 TOLERANCE ON						번호 NO.	품 PART NO.	품 PART NAME 명		개 수 Q'TY	재 질 MATERIAL	구 SIZE	비 고 REMARKS
분 수 FRACTIONS		소 수 DECIMALS		각 도 ANGLES		재 질 MATERIAL				형 식 TYPE	DMT280H		원 도 번 ORIGINAL DWG. NO.
± —		± —		± —									
절 삭 가 공							작성 DATE 2018.06.29	척 도 SCALE 1/1					
구						승 인 APPROVED BY	검 도 CHECKED BY	제 도 DRAWN	설 계 DESIGNED	품 명 NAME	MARINE TRANSMISSION		
1 초과 4 이하						JK.Kim	TH.Cha	MA.Kim		도 번 DWG. NO.	28000GA~D-114RC		개 정 (REV.) 000
4 16													
16 63													
63 250													
250 1000													
						D-I INDUSTRIAL				크 기 SIZE	A 3	코 드 번 호 CODE ID. NO.	



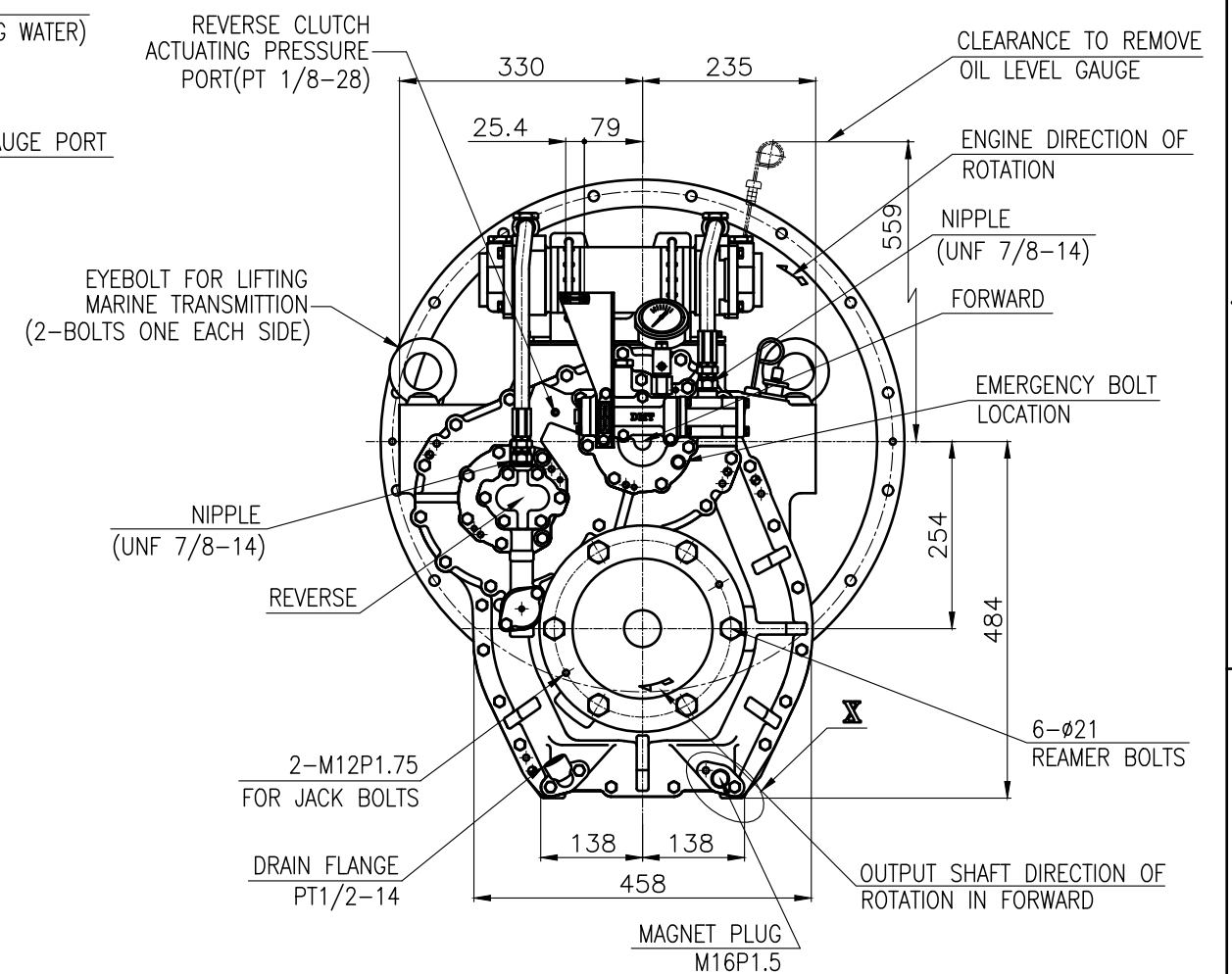
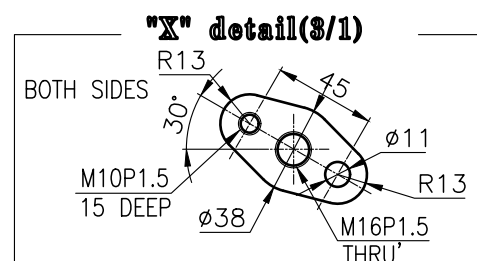
OUTPUT SHAFT COUPLING & PROPELLER COUPLING DIMENSION



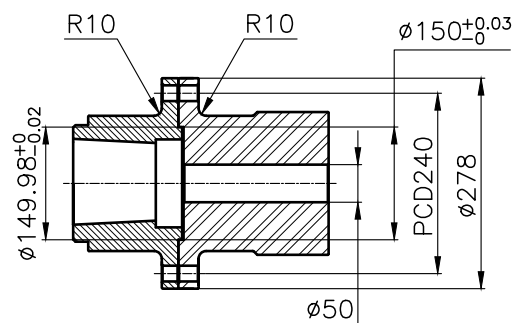
DMT280H MARINE TRANSMISSION SPECIFICATION			
GEAR RATIO	2.06, 2.50, 2.92, 3.26		
TOTAL WEIGHT	APPROX. 490 Kg(DRY)		
OIL CAPACITY	APPROX. 8 L		
OIL VISCOSITY	SAE # 30		
OIL PRESSURE	1.96 ~ 2.54 MPa	CLUTCH OIL	
DIRECTION OF ROTATION IN FORWARD	INPUT	C.C.W VIEWED FROM THE STERN	
	OUTPUT	C.W VIEWED FROM 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 60 ~ 80 L/min		
	TEMPERATURE OF COOLING WATER		MAX 32℃
OPERATING TORQUE OF SHIFTING LEVER		UNDER 2.94Nm	



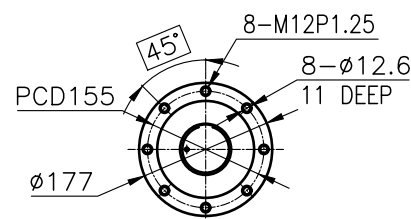
BRACKET DIMENSION



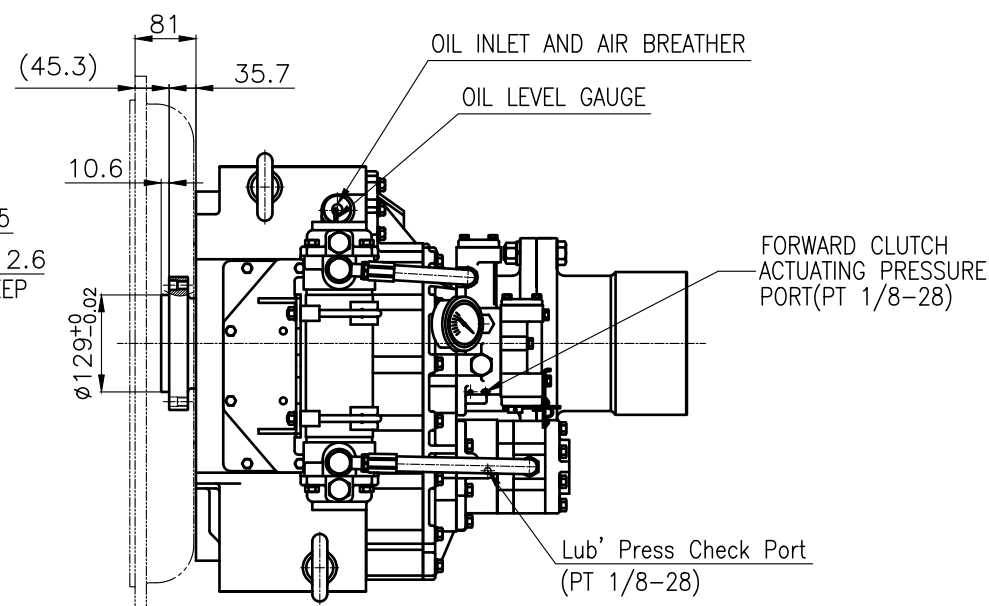
공용정차 TOLERANCE ON					번호 NO.	품 PART NO.	품 PART NAME	개수 Q'TY	재질 MATERIAL	규격 SIZE	비고 REMARKS			
분수 FRACTIONS 소수 DECIMALS 각도 ANGLES					재질 MATERIAL			형식 TYPE	원도번호 ORIGINAL DWG. NO.					
± — ± — ± —						작성 DATE 2018.06.29	척도 SCALE 1/1	품명 NAME MARINE TRANSMISSION						
일					승인 APPROVED BY	검도 CHECKED BY	제도 DRAWN	설계 DESIGNED	도번 DWG. NO. 28000GA~D-018RC					
반					JK.Kim	TH.Cha	MA.Kim		개정 (REV.) 000					
평										크기 SIZE		A 3	코드번호 CODE ID. NO.	
차										250 1000		± 2.0 ± 0.8 ± 0.3		



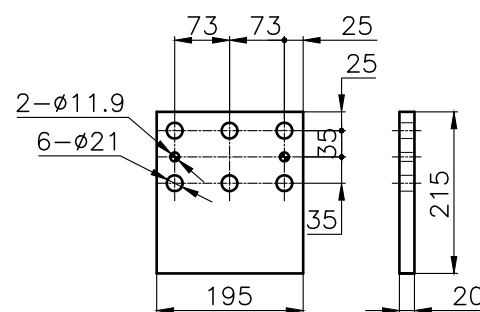
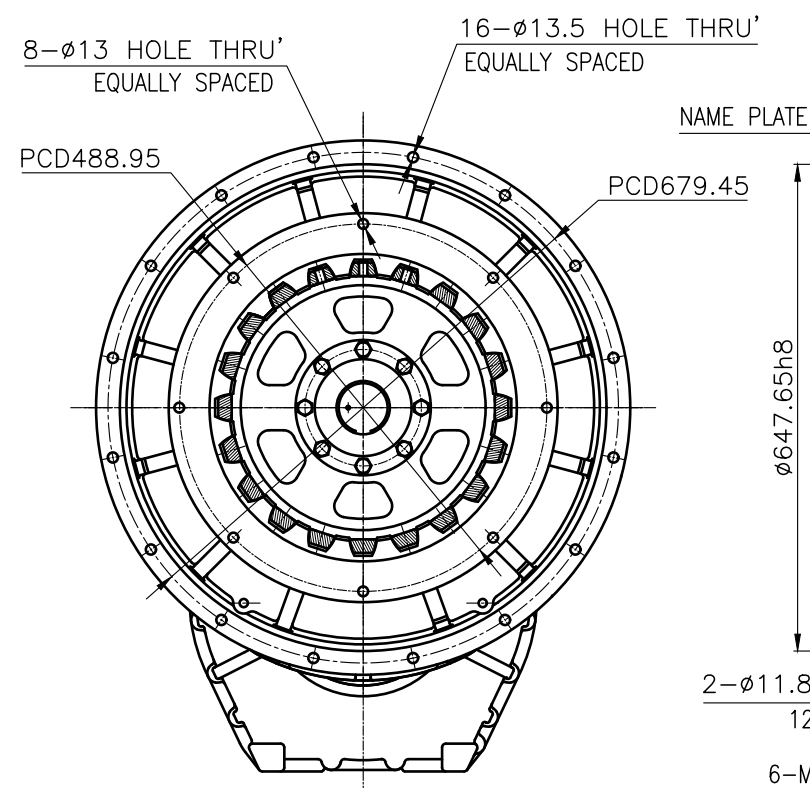
OUTPUT SHAFT COUPLING & PROPELLER COUPLING DIMENSION



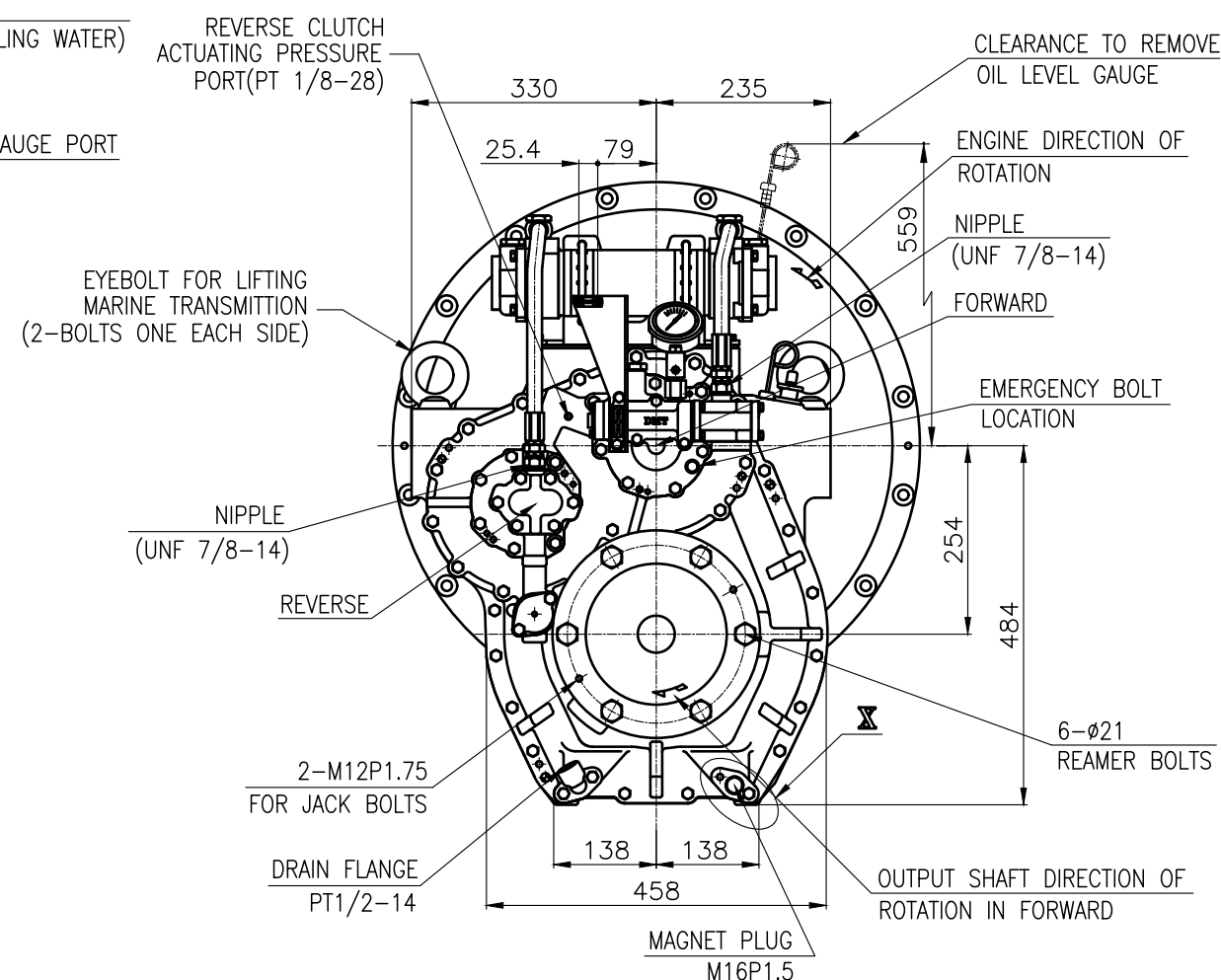
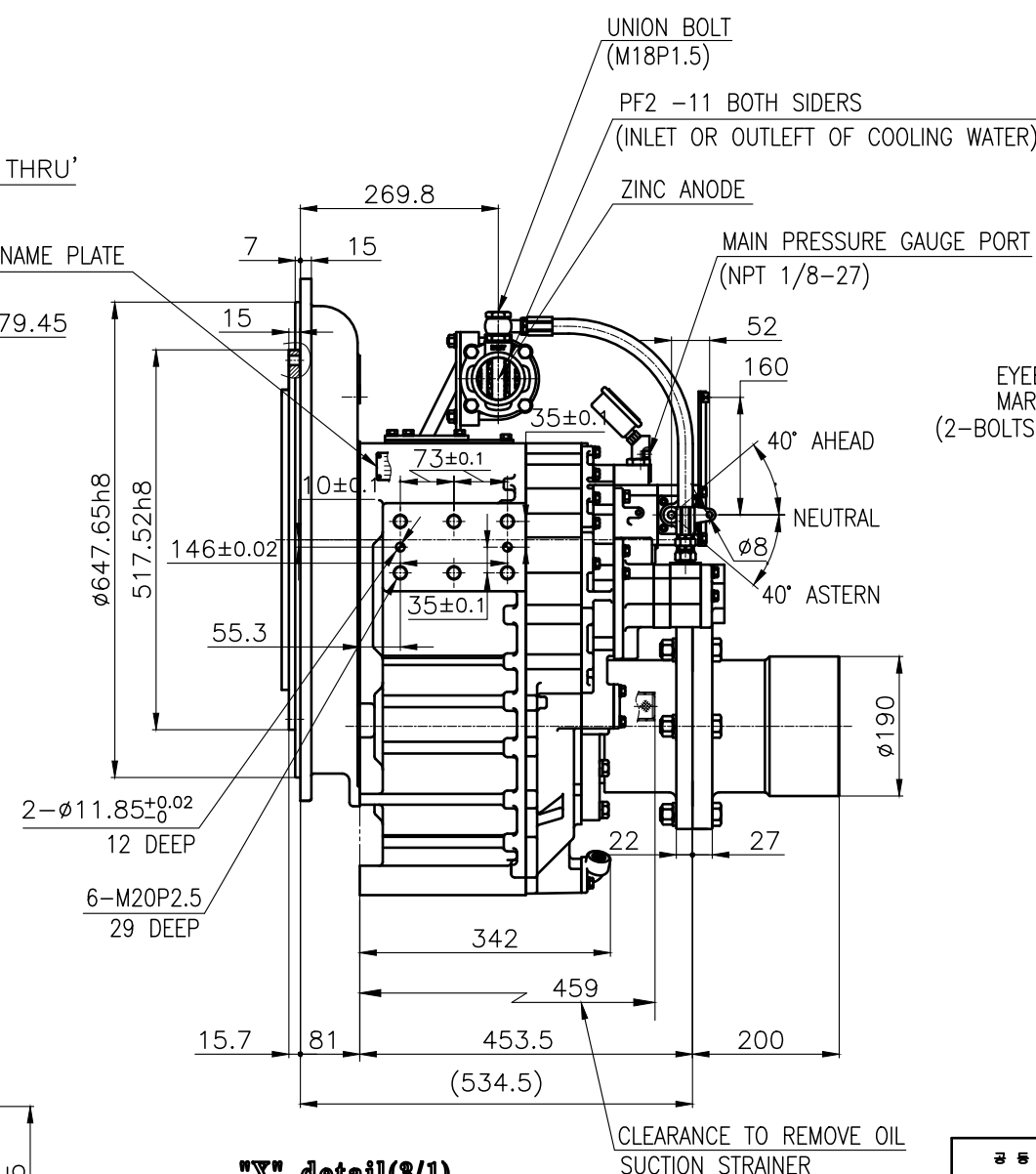
INPUT COUPLING DIMENSION



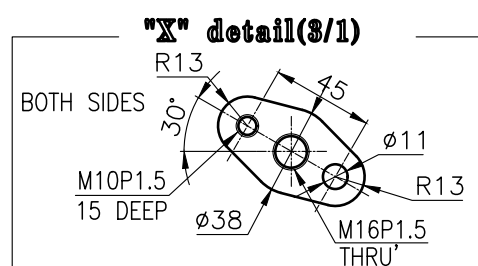
DMT280H MARINE TRANSMISSION SPECIFICATION			
GEAR RATIO	2.06, 2.50, 2.92, 3.26		
TOTAL WEIGHT	APPROX. 490 Kg(DRY)		
OIL CAPACITY	APPROX. 8 L		
OIL VISCOSITY	SAE # 30		
OIL PRESSURE	1.96 ~ 2.54 MPa	CLUTCH OIL	
DIRECTION OF ROTATION IN FORWARD	INPUT	C.C.W VIEWED FROM THE STERN	
	OUTPUT	C.W VIEWED FROM 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 60 ~ 80 L/min		
	TEMPERATURE OF COOLING WATER		MAX 32°C
OPERATING TORQUE OF SHIFTING LEVER		UNDER 2.94Nm	



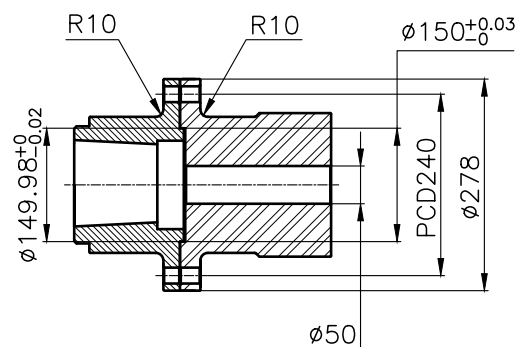
BRACKET DIMENSION



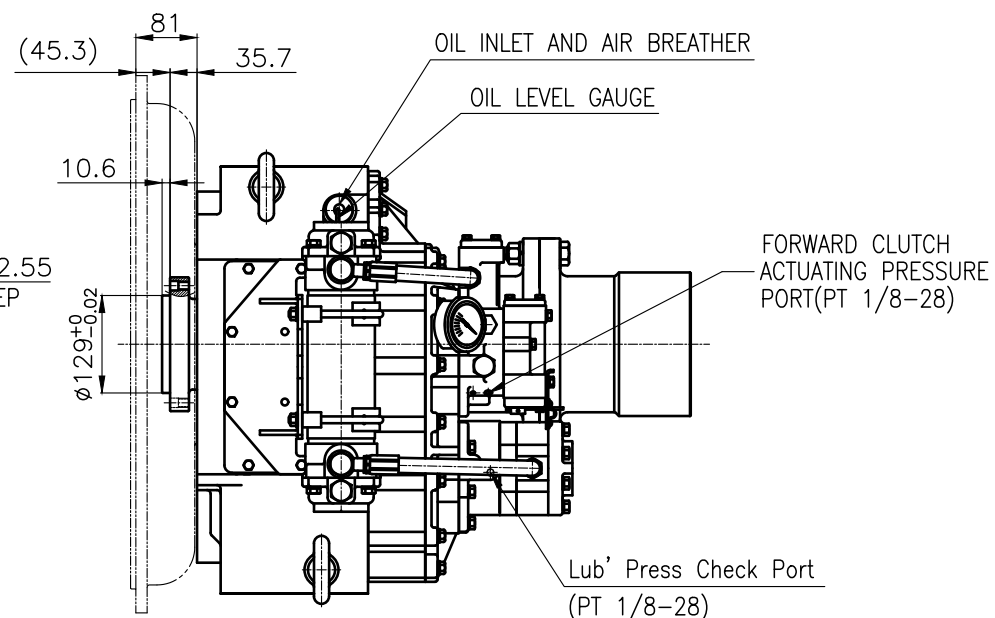
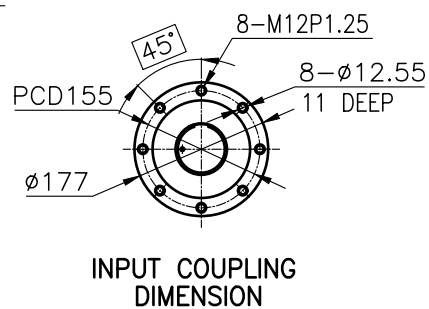
REMARK
1.HOUSING: SAE#0
2.DRIVING RING: SAE 16"
3.COUPLING TYPE : RUBBER



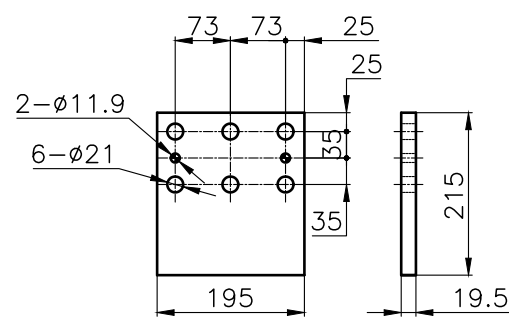
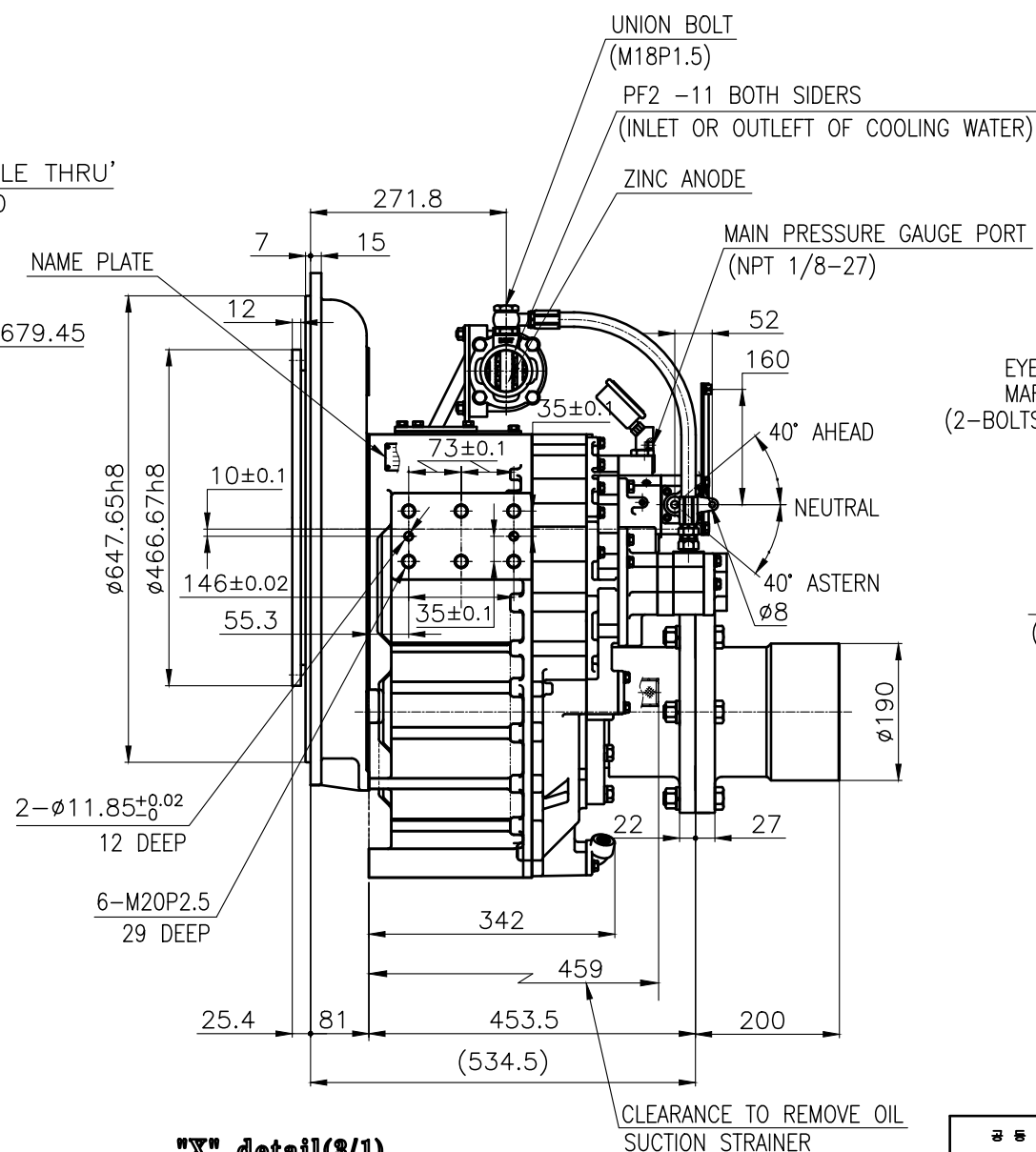
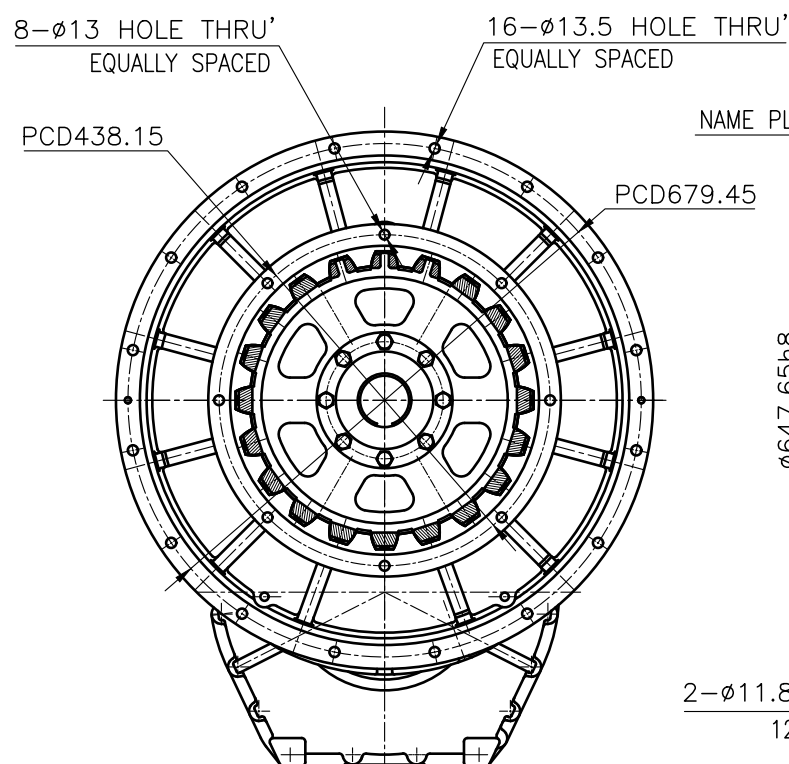
공 등 공 차 TOLERANCE ON						번 호 NO.	품 PART NO.	품 PART NAME	개 수 Q'TY	재 질 MATERIAL	규 SIZE	비 REMARKS																																										
분 소 각 도 FRACTIONS DECIMALS ANGLES ± ± ±						재 질 MATERIAL			형 식 TYPE	DMT280H		원 도 번 ORIGINAL DWG. NO.																																										
일 정 결 삭 가 공							작 성 DATE 2018.06.29	척 도 SCALE 1/1	품 명 NAME MARINE TRANSMISSION																																													
<table><tr><th>구</th><th>별</th><th>조</th><th>급</th><th>중</th><th>급</th><th>정</th></tr><tr><td>1</td><td>초과 4 이하</td><td>± 0.3</td><td>± 0.1</td><td>± 0.05</td><td></td><td></td></tr><tr><td>4</td><td>16</td><td>± 0.5</td><td>± 0.2</td><td>± 0.07</td><td></td><td></td></tr><tr><td>16</td><td>63</td><td>± 0.7</td><td>± 0.3</td><td>± 0.1</td><td></td><td></td></tr><tr><td>63</td><td>250</td><td>± 1.2</td><td>± 0.5</td><td>± 0.2</td><td></td><td></td></tr><tr><td>250</td><td>1000</td><td>± 2.0</td><td>± 0.8</td><td>± 0.3</td><td></td><td></td></tr></table>						구	별	조	급	중	급	정	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			승 인 APPROVED BY JK.Kim	검 도 CHECKED BY TH.Cha	제 도 DRAWN MA.Kim	설 계 DESIGNED	도 번 DWG. NO. 28000GA~D-016RC		개 정 (REV.) 000
						구	별	조	급	중	급	정																																										
						1	초과 4 이하	± 0.3	± 0.1	± 0.05																																												
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 D-I INDUSTRIAL						크 기 SIZE			A 3		코-드 번 호 CODE ID. NO.																																											



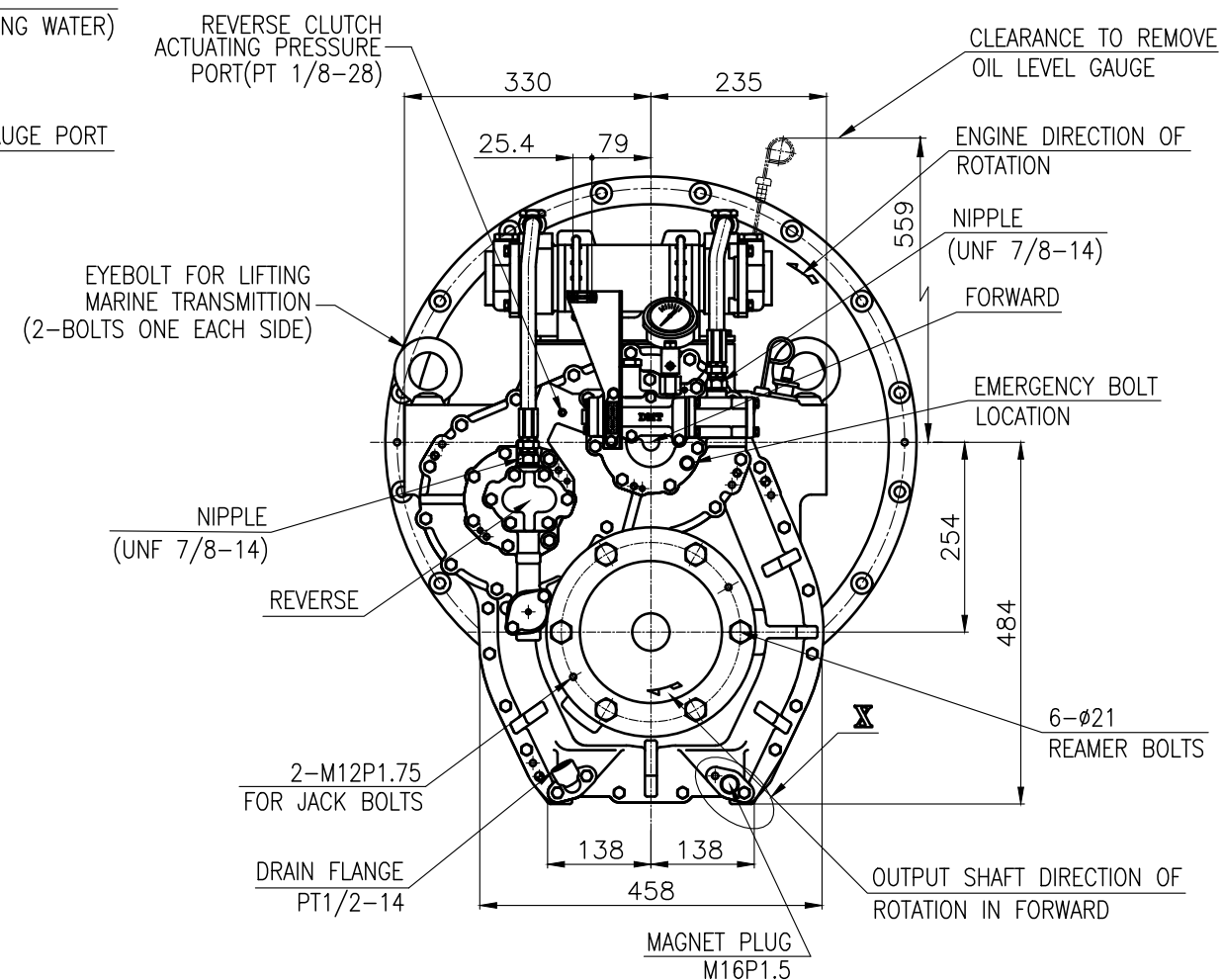
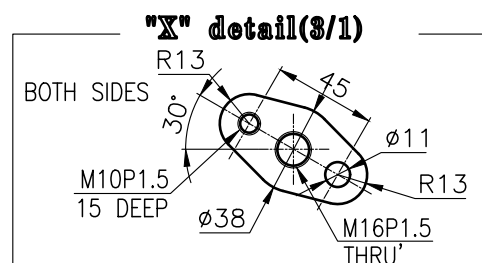
OUTPUT SHAFT COUPLING & PROPELLER COUPLING DIMENSION



DMT280H MARINE TRANSMISSION SPECIFICATION			
GEAR RATIO	2.06, 2.50, 2.92, 3.26		
TOTAL WEIGHT	APPROX. 490 Kg(DRY)		
OIL CAPACITY	APPROX. 8 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 60 ~ 80 L/min		
	TEMPERATURE OF COOLING WATER		MAX 32°C
OPERATING TORQUE OF SHIFTING LEVER		UNDER 2.94Nm	



BRACKET DIMENSION



REMARK
1.HOUSING: SAE#0
2.DRIVING RING: SAE 14"
3.COUPLING TYPE : RUBBER

공용공차 TOLERANCE ON					번호 NO.		품 PART NO. 번		품 PART NAME 명		개 수 Q'TY		재 질 MATERIAL		구 SIZE		비 고 REMARKS	
분 수 FRACTIONS		소 수 DECIMALS		각 도 ANGLES	재 MATERIAL		형 식 TYPE		도 면 ORIGINAL DWG. NO.		도 면 ORIGINAL DWG. NO.		도 면 ORIGINAL DWG. NO.		도 면 ORIGINAL DWG. NO.		도 면 ORIGINAL DWG. NO.	
± ———		± ———		± ———	± ———		± ———		± ———		± ———		± ———		± ———		± ———	
정밀도 정밀 가 공					구 형		조 급		중 급		정 급		정 급		정 급		정 급	
1 초과 4 이하					± 0.3		± 0.1		± 0.05		± 0.05		± 0.05		± 0.05		± 0.05	
4 16					± 0.5		± 0.2		± 0.07		± 0.07		± 0.07		± 0.07		± 0.07	
16 63					± 0.7		± 0.3		± 0.1		± 0.1		± 0.1		± 0.1		± 0.1	
63 250					± 1.2		± 0.5		± 0.2		± 0.2		± 0.2		± 0.2		± 0.2	
250 1000					± 2.0		± 0.8		± 0.3		± 0.3		± 0.3		± 0.3		± 0.3	
정밀도 정밀 가 공					구 형		조 급		중 급		정 급		정 급		정 급		정 급	
1 초과 4 이하					± 0.3		± 0.1		± 0.05		± 0.05		± 0.05		± 0.05		± 0.05	
4 16					± 0.5		± 0.2		± 0.07		± 0.07		± 0.07		± 0.07		± 0.07	
16 63					± 0.7		± 0.3		± 0.1		± 0.1		± 0.1		± 0.1		± 0.1	
63 250					± 1.2		± 0.5		± 0.2		± 0.2		± 0.2		± 0.2		± 0.2	
250 1000					± 2.0		± 0.8		± 0.3		± 0.3		± 0.3		± 0.3		± 0.3	