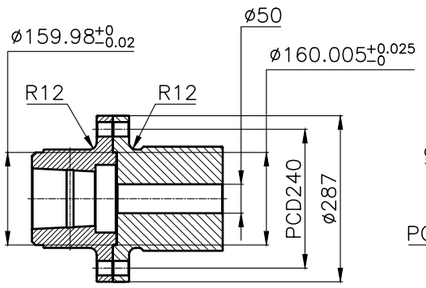
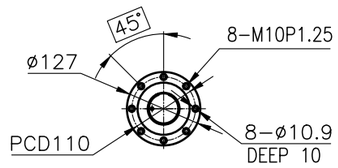
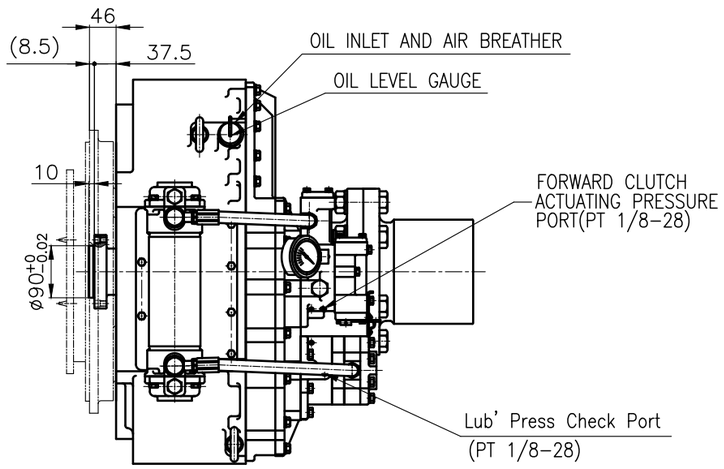


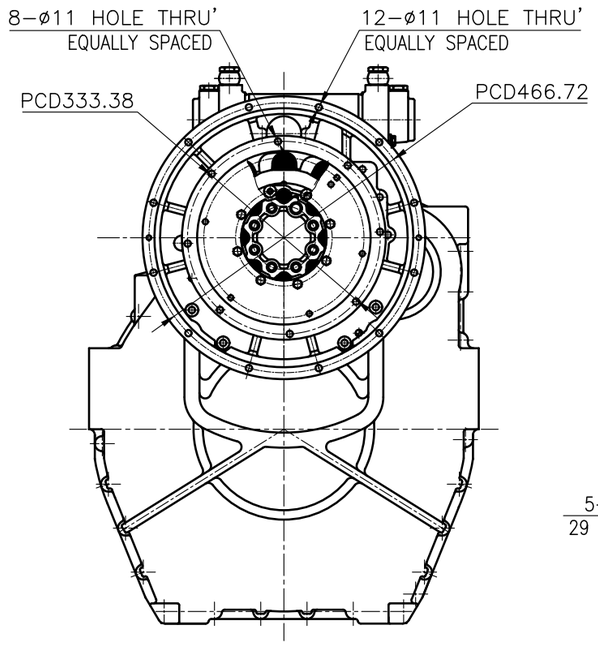
OUTPUT SHAFT COUPLING & PROPELLER COUPLING DIMENSION

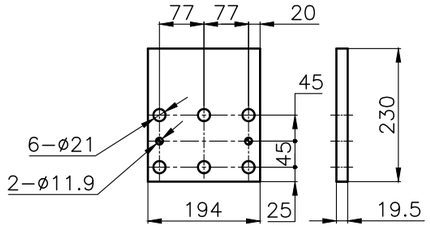


INPUT COUPLING DIMENSION

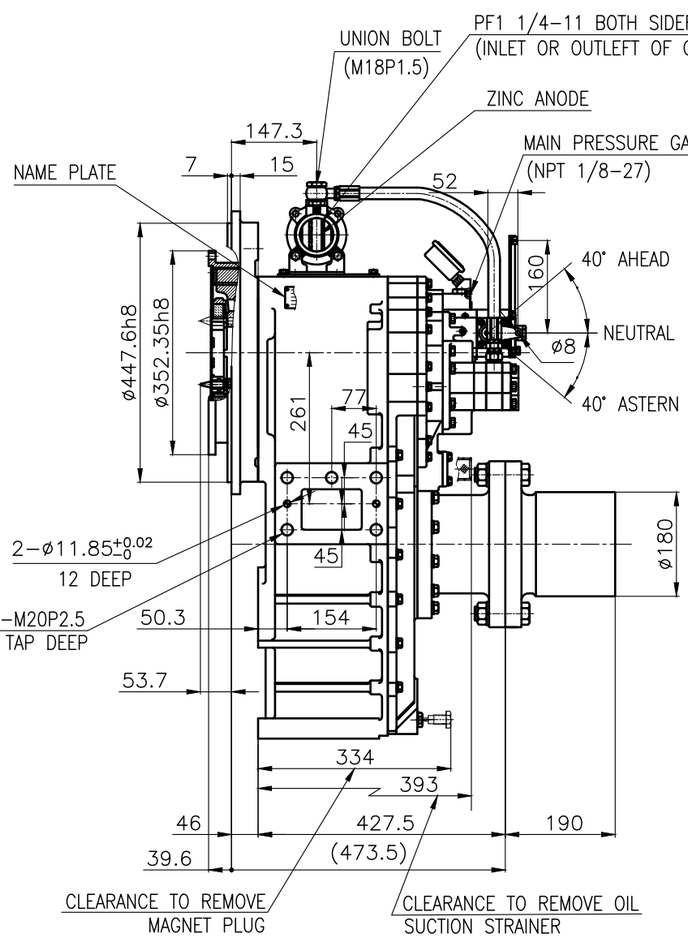


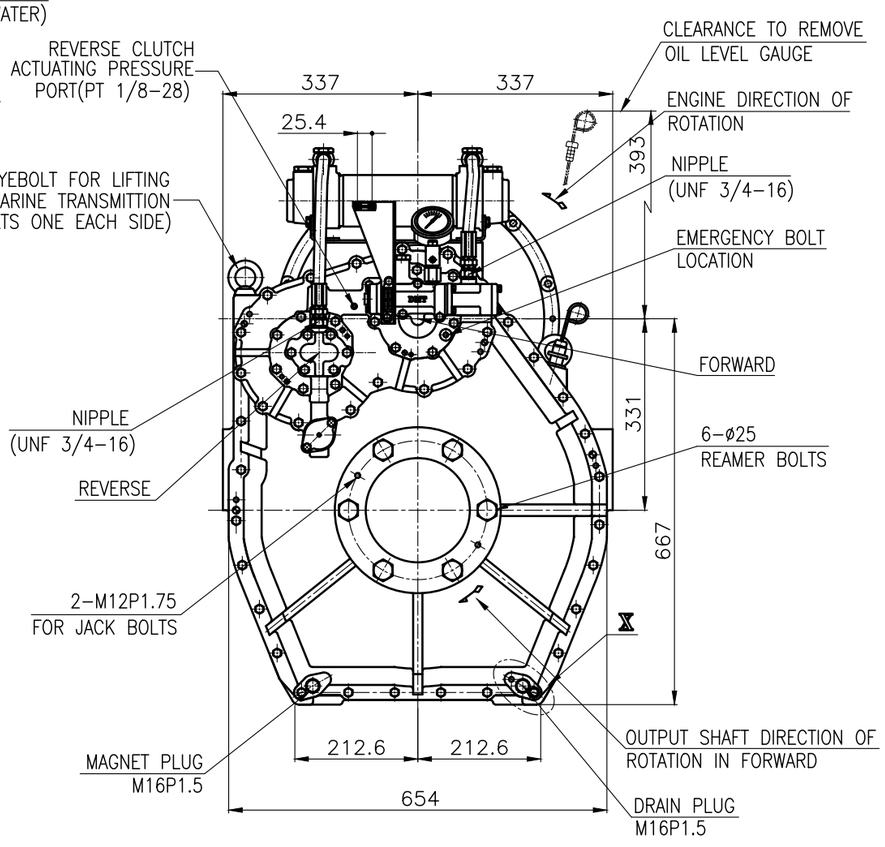
DMT180HL MARINE TRANSMISSION SPECIFICATION		
GEAR RATIO	5.15, 5.96	
TOTAL WEIGHT	APPROX. 475 Kg(DRY)	
OIL CAPACITY	APPROX. 18 L	
OIL VISCOSITY	SAE # 30	
OIL PRESSURE	1.96 ~ 2.54 MPa	CLUTCH OIL
DIRECTION OF ROTATION IN FORWARD	INPUT	C.C.W VIEWED FROM THE STERN
	OUTPUT	C.W VIEWED FROM THE STERN
OIL CHANGE 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 ~ 60 L/m	
	TEMPERATURE OF COOLING WATER	MAX 32°C
OPERATING TORQUE OF SHIFTING LEVER		UNDER 2.94Nm



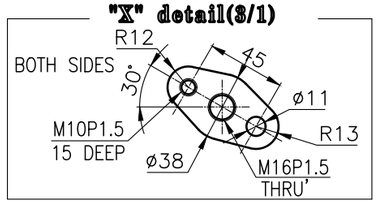


BRACKET DIMENSION





"X" detail(3/1)



REMARK (HOT)
1.HOUSING: SAE#2
2.DRIVING RING: SAE 11.5"
3.COUPLING TYPE : DUAL STAGE
4.APPLICATIONE ENGINE : STANDARD

공통공차 TOLERANCE ON

분수 FRACTIONS	소수 DECIMALS	각도 ANGLES
± —	± —	± —

절삭가공

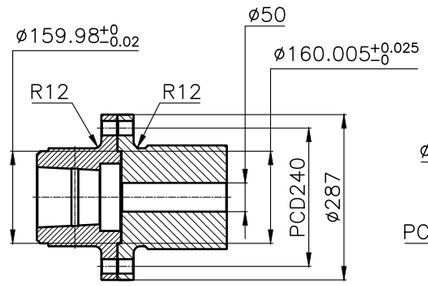
일반공차	구분	조급	중급	정급
	1 초과 4 이하	± 0.3	± 0.1	± 0.05
	4 16	± 0.5	± 0.2	± 0.07
	16 63	± 0.7	± 0.3	± 0.1
	63 250	± 1.2	± 0.5	± 0.2
	250 1000	± 2.0	± 0.8	± 0.3

번호 NO.	품번 PART NO.	품명 PART NAME	개수 Q'TY	재질 MATERIAL	규격 SIZE	비고 REMARKS

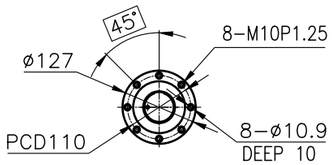
재질 MATERIAL		작성 DATE 2018.06.29	척도 SCALE N/S
승인 APPROVED BY	검도 CHECKED BY	제도 DRAWN	설계 DESIGNED
JK.Kim	TH.Cha	BJ.Moon	

D-I INDUSTRIAL

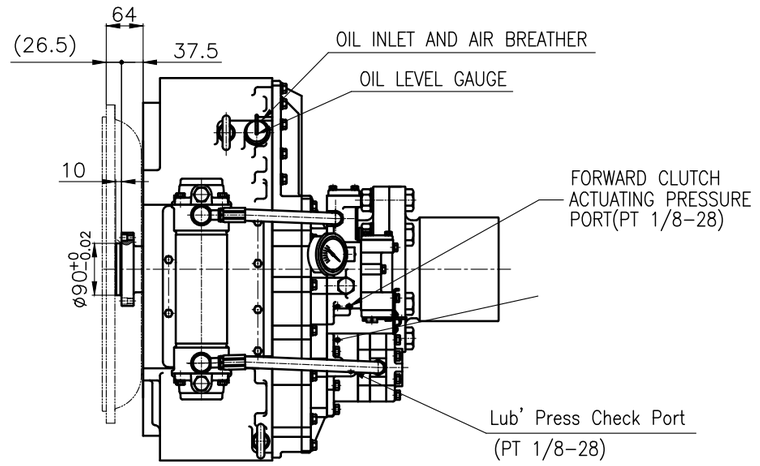
형식 TYPE	DMT180HL
원도번 ORIGINAL DWG. NO.	
품명 NAME	MARINE TRANSMISSION
도번 DWG. NO.	18000GHA~B-2115DCH
개정(REV.)	000
크기 SIZE	A3
코드번호 CODE ID. NO.	



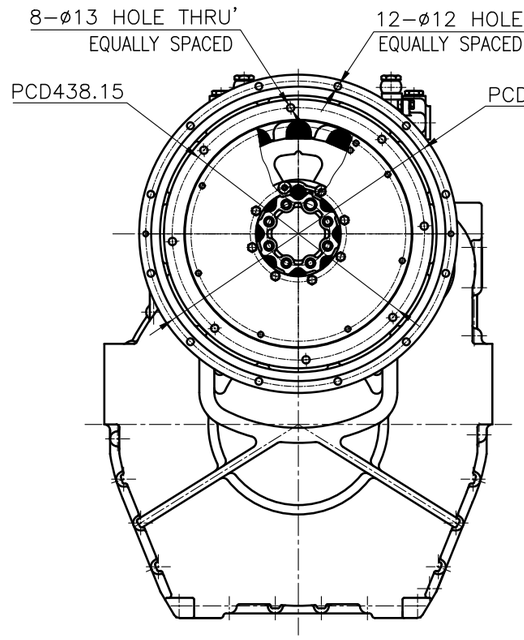
OUTPUT SHAFT COUPLING & PROPELLER COUPLING DIMENSION

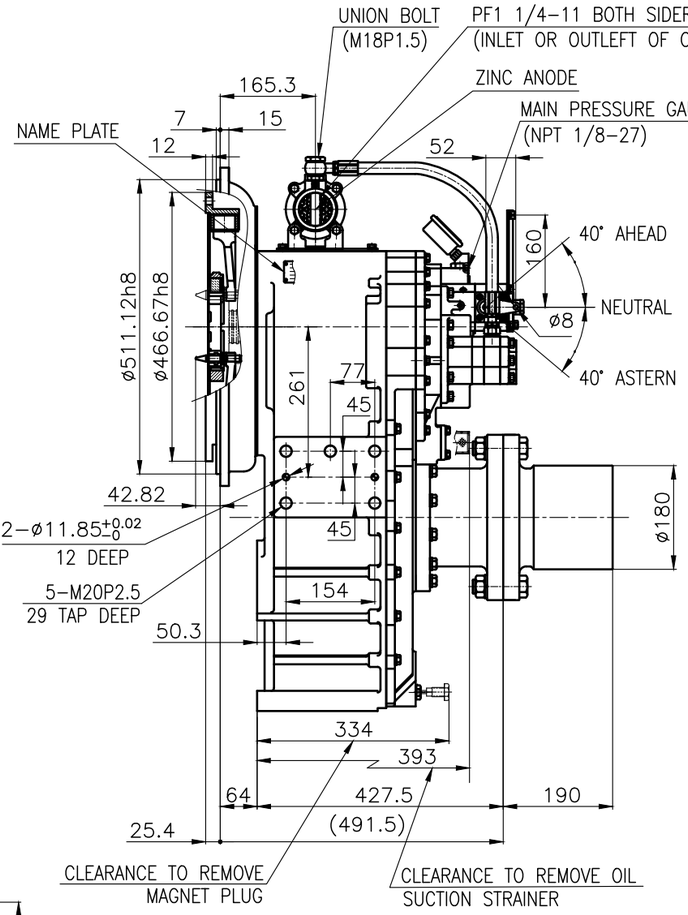


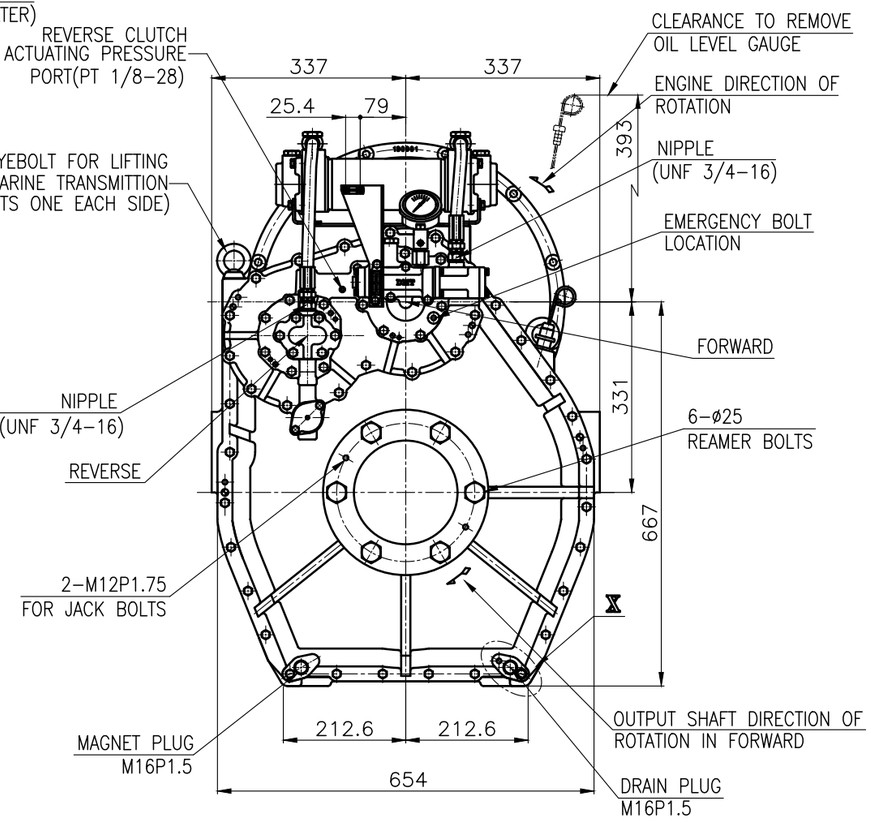
INPUT COUPLING DIMENSION

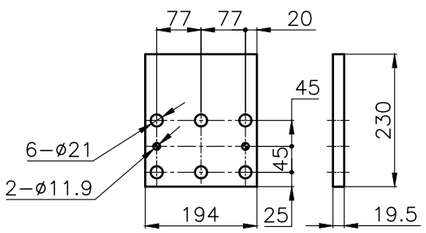


DMT180HL MARINE TRANSMISSION SPECIFICATION		
GEAR RATIO	5.15, 5.96	
TOTAL WEIGHT	APPROX. 475 Kg(DRY)	
OIL CAPACITY	APPROX. 18 L	
OIL VISCOSITY	SAE # 30	
OIL PRESSURE	1.96 ~ 2.54 MPa	CLUTCH OIL
DIRECTION OF ROTATION IN FORWARD	INPUT	C.C.W VIEWED FROM THE STERN
	OUTPUT	C.W VIEWED FROM THE STERN
OIL CHANGE 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 ~ 60 L/m	
	TEMPERATURE OF COOLING WATER	MAX 32°C
OPERATING TORQUE OF SHIFTING LEVER		UNDER 2.94Nm



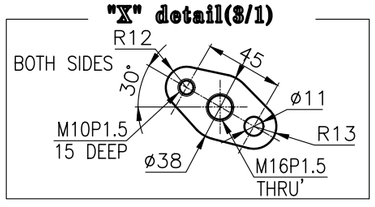






BRACKET DIMENSION

"X" detail(S/1)



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

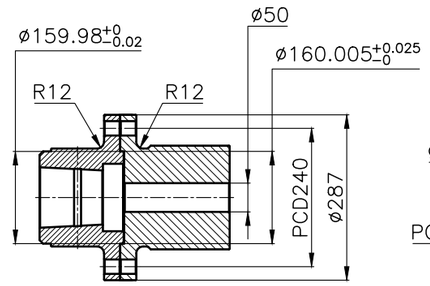
공통공차 TOLERANCE ON			
분수 FRACTIONS ± —	소수 DECIMALS ± —	각도 ANGLES ± —	
절삭가공			
일반공차	구분	조급	중급	정급
	1 초과 4 이하	± 0.3	± 0.1	± 0.05
	4 16	± 0.5	± 0.2	± 0.07
	16 63	± 0.7	± 0.3	± 0.1
	63 250	± 1.2	± 0.5	± 0.2
	250 1000	± 2.0	± 0.8	± 0.3

번호 NO.	품번 PART NO.	품명 PART NAME
재질 MATERIAL		
작성 DATE 2018.06.29	척도 SCALE N/S	
승인 APPROVED BY	검도 CHECKED BY	제도 DRAWN	설계 DESIGNED
JK.Kim	TH.Cha	BJ.Moon	

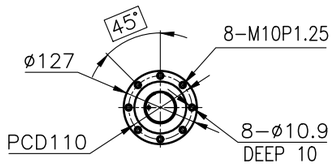
D-I INDUSTRIAL

개수 Q'TY	재질 MATERIAL	규격 SIZE	비고 REMARKS
형식 TYPE	DMT180HL		원도번 ORIGINAL DWG. NO.
품명 NAME	MARINE TRANSMISSION		
도번 DWG. NO.	18000GHA~B-114DCH		개정(REV.) 000
크기 SIZE	A3	코드번호 CODE ID. NO.	

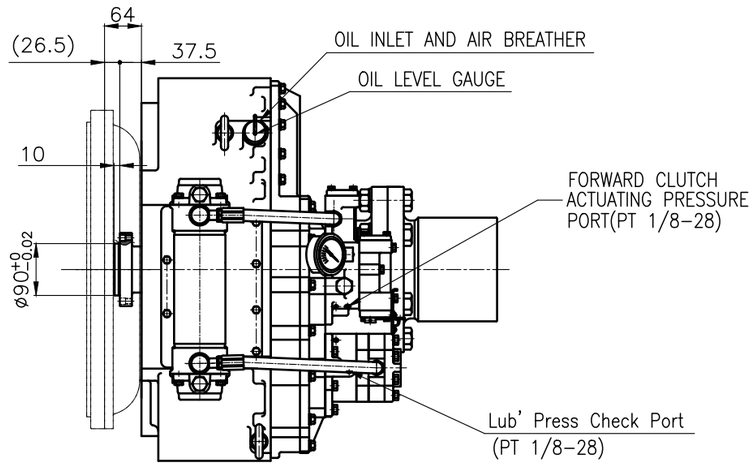
DWG.NO. 18000GHA~B-114CFRH | 개정(REV.) 000



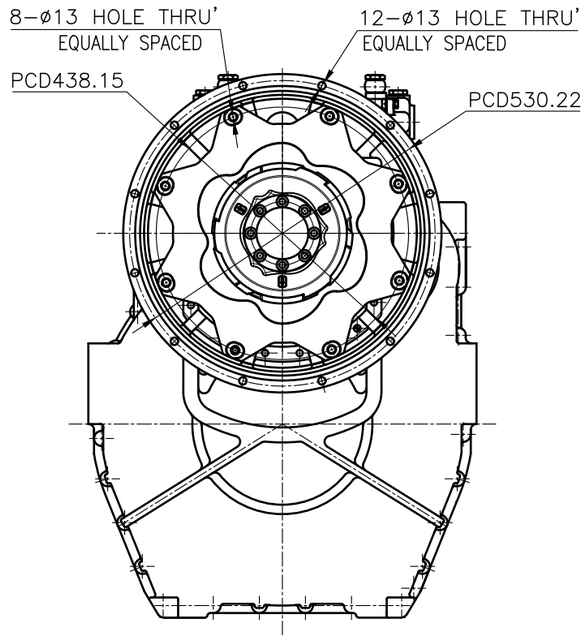
OUTPUT SHAFT COUPLING & PROPELLER COUPLING DIMENSION

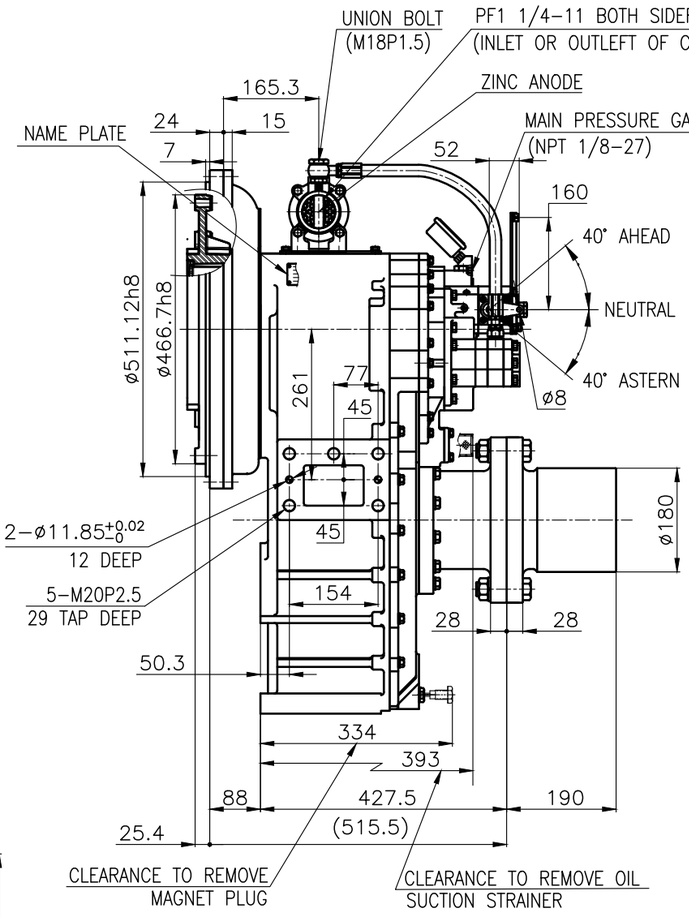


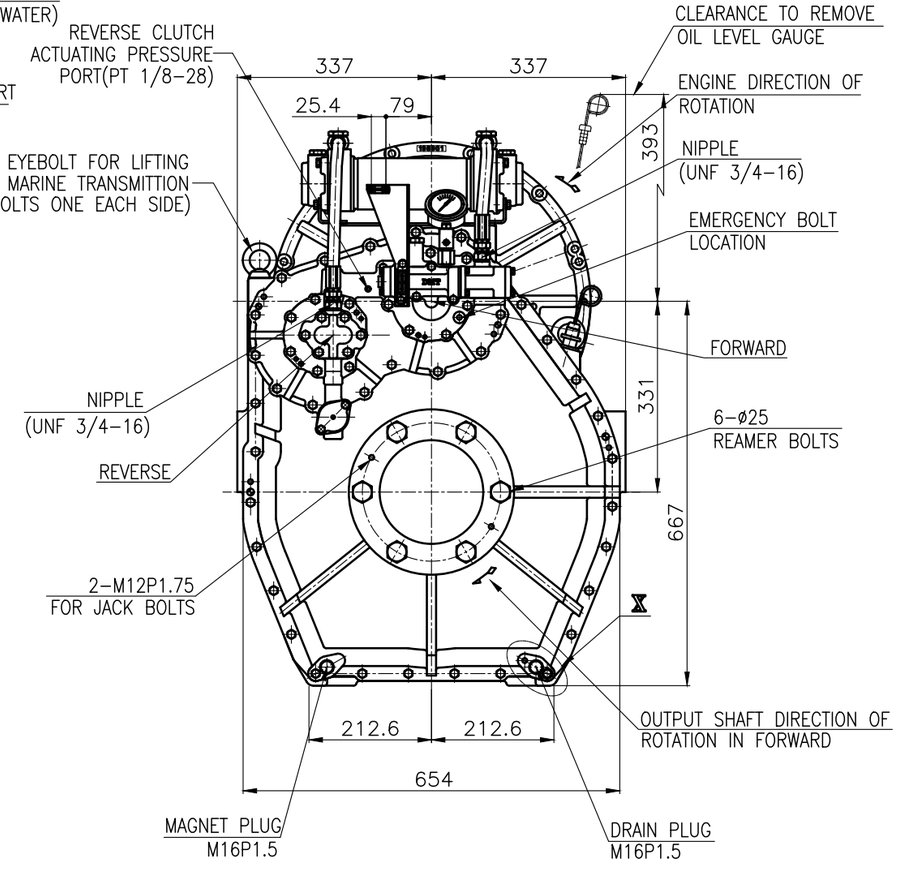
INPUT COUPLING DIMENSION



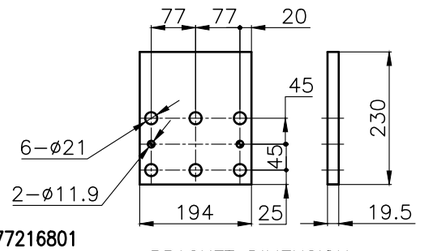
DMT180HL MARINE TRANSMISSION SPECIFICATION		
GEAR RATIO	5.15, 5.96	
TOTAL WEIGHT	APPROX. 475 Kg(DRY)	
OIL CAPACITY	APPROX. 18 L	
OIL VISCOSITY	SAE # 30	
OIL PRESSURE	1.96 ~ 2.54 MPa	CLUTCH OIL
DIRECTION OF ROTATION IN FORWARD	INPUT	C.C.W VIEWED FROM THE STERN
	OUTPUT	C.W VIEWED FROM THE STERN
OIL CHANGE 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 ~ 60 L/m	
	TEMPERATURE OF COOLING WATER	MAX 32°C
OPERATING TORQUE OF SHIFTING LEVER		UNDER 2.94Nm



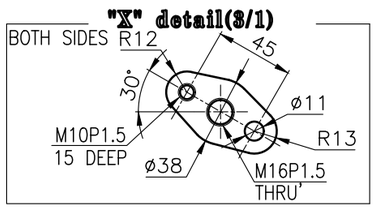




REMARK (HOT)
1.HOUSING: SAE#1
2.DRIVING RING: SAE 14"
3.COUPLING TYPE
-CENTA Flex Coupling : 77216801
-DUMMY(for HOUSING) : 180932
4.APPLICATION ENGINE : STANDARD



BRACKET DIMENSION



공통공차 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				형식 TYPE	DMT180HL		원도번 ORIGINAL DWG. NO.
절삭가공					작성 DATE 2018.06.29	척도 SCALE N/S					
구분	조급	중급	정급	승인 APPROVED BY	검도 CHECKED BY	제도 DRAWN	설계 DESIGNED	품명 NAME	MARINE TRANSMISSION		
1 초과 4 이하	± 0.3	± 0.1	± 0.05	JK.Kim	TH.Cha	GH.Park		도번 DWG. NO.	18000GHA~B-114CFRH		개정(REV.) 000
4 16	± 0.5	± 0.2	± 0.07	D-I INDUSTRIAL				크기 SIZE	A3	코드번호 CODE ID. NO.	
16 63	± 0.7	± 0.3	± 0.1								
63 250	± 1.2	± 0.5	± 0.2								
250 1000	± 2.0	± 0.8	± 0.3								

동이기술-004(841×594)