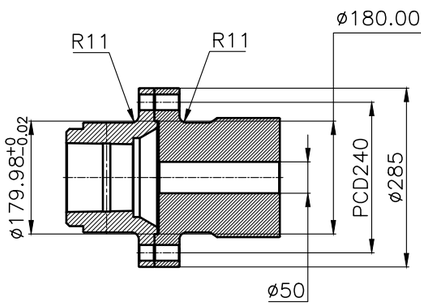
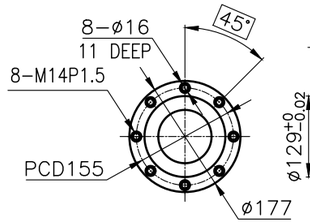
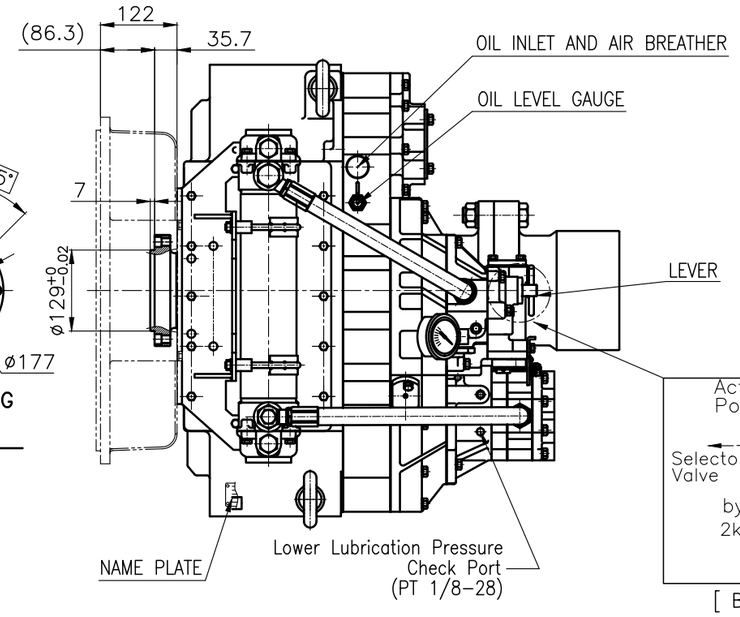
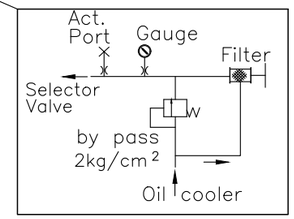


OUTPUT SHAFT COUPLING & PROPELLER COUPLING DIMENSION

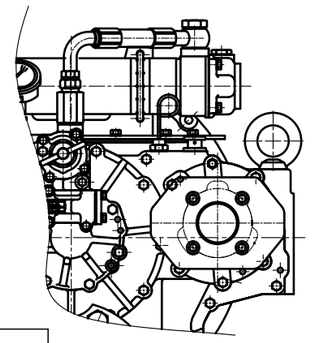


INPUT COUPLING DIMENSION



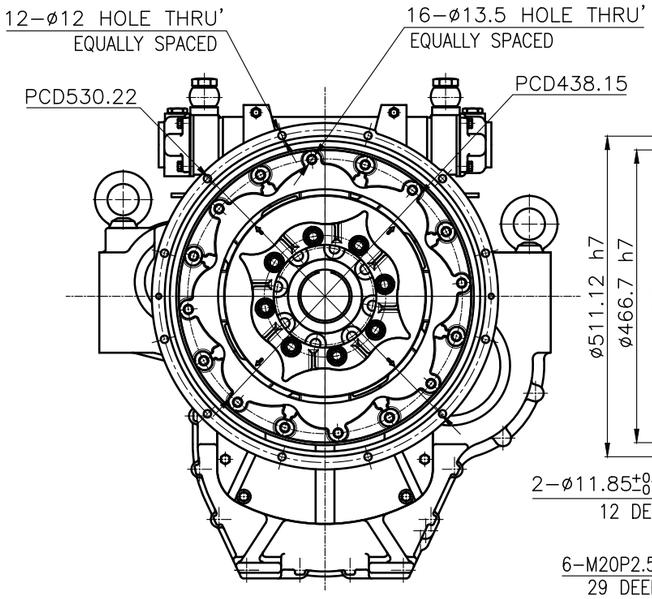


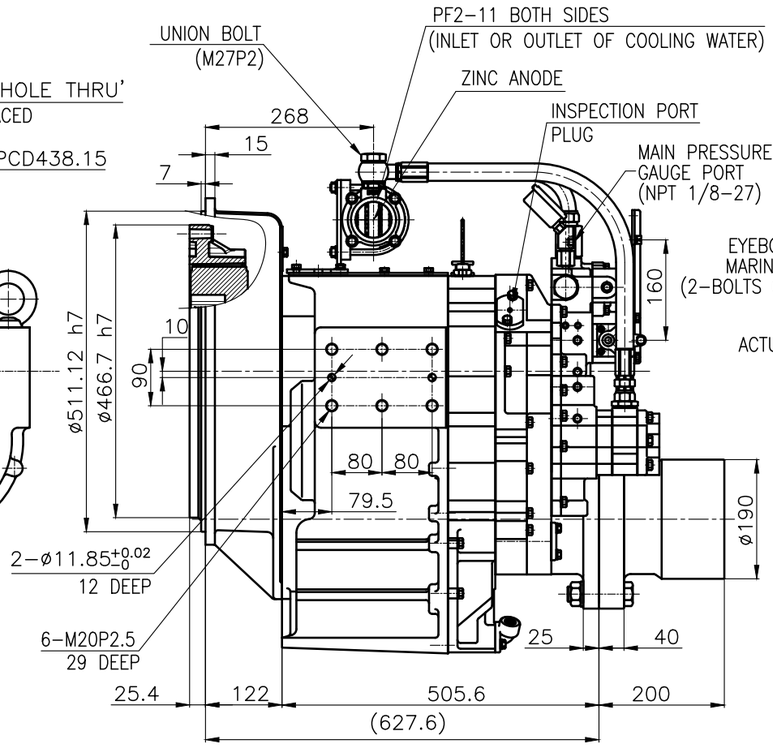
[BY PASS SYSTEM]

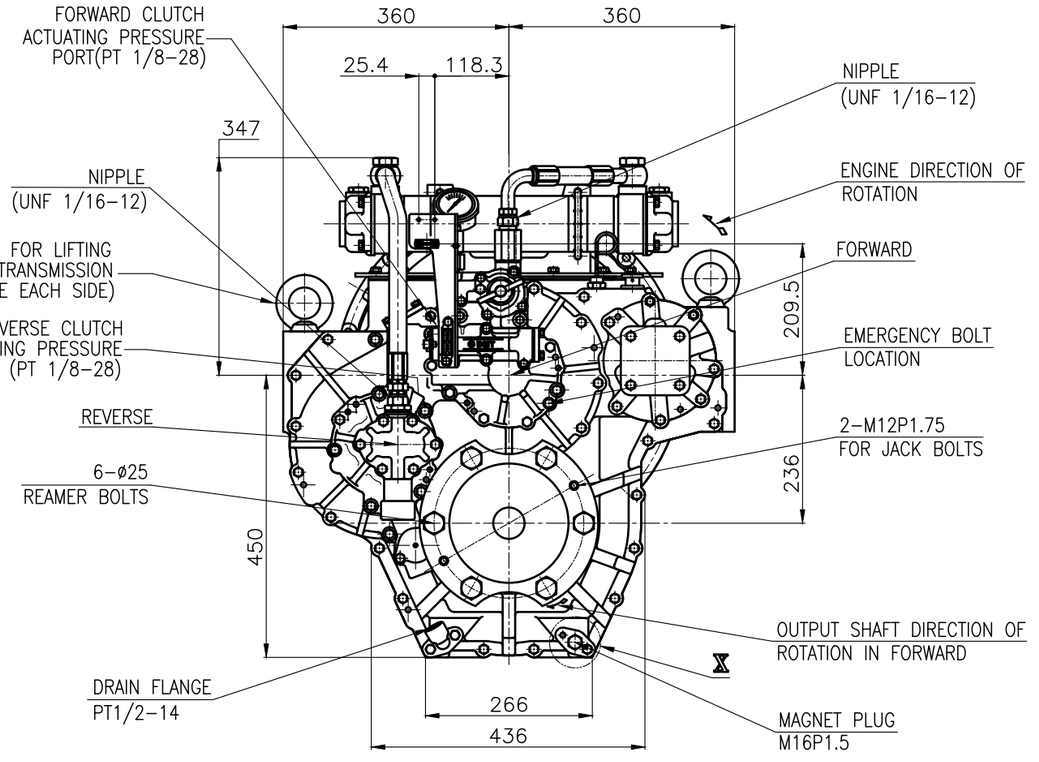


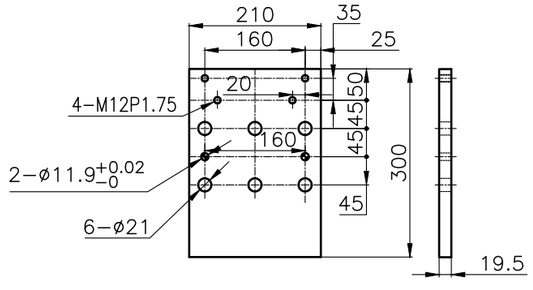
P.T.O ATTACHED

DMT400H MARINE TRANSMISSION SPECIFICATION			
GEAR RATIO	1.43, 1.72, 2.03, 2.46, 2.75		
TOTAL WEIGHT	APPROX. 660 Kg(DRY)		
OIL CAPACITY	APPROX. 9 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		

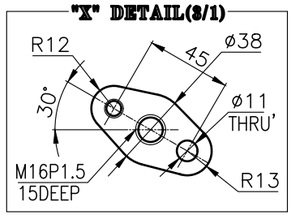








BRACKET DIMENSION



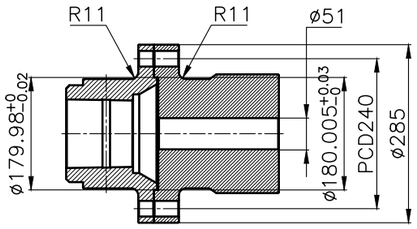
REMARK

1.HOUSING : SAE# 1
2.DRIVING RING : SAE 14"
3.COUPLING TYPE
CENTA Flex Coupling (77318801)

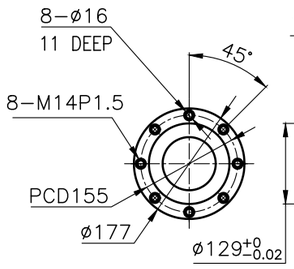
공통공차 TOLERANCE ON			
분수 FRACTIONS ±	소수 DECIMALS ±	각도 ANGLES ±	
절삭가공 일반공차	구분	조급	중급	정급
	1 초과 4 이하	± 0.3	± 0.1	± 0.05
	4 16	± 0.5	± 0.2	± 0.07
	16 63	± 0.7	± 0.3	± 0.1
	63 250	± 1.2	± 0.5	± 0.2
	250 1000	± 2.0	± 0.8	± 0.3

번호 NO.	품번 PART NO.	품명 PART NAME	개수 Q'TY	재질 MATERIAL	규격 SIZE	비고 REMARKS
재질 MATERIAL			형식 TYPE	DMT400H		원도번 ORIGINAL DWG. NO.
	작성 DATE 2018.06.29	척도 SCALE N/S	품명 NAME	MARINE TRANSMISSION		
승인 APPROVED BY	검도 CHECKED BY	제도 DRAWN	설계 DESIGNED	도번 DWG. NO.	40000GA~E-114CFR	개정(REV.) 000
JK.Kim	KS.Han	CH.Baek				
D-I INDUSTRIAL			크기 SIZE	A3	코드번호 CODE ID. NO.	

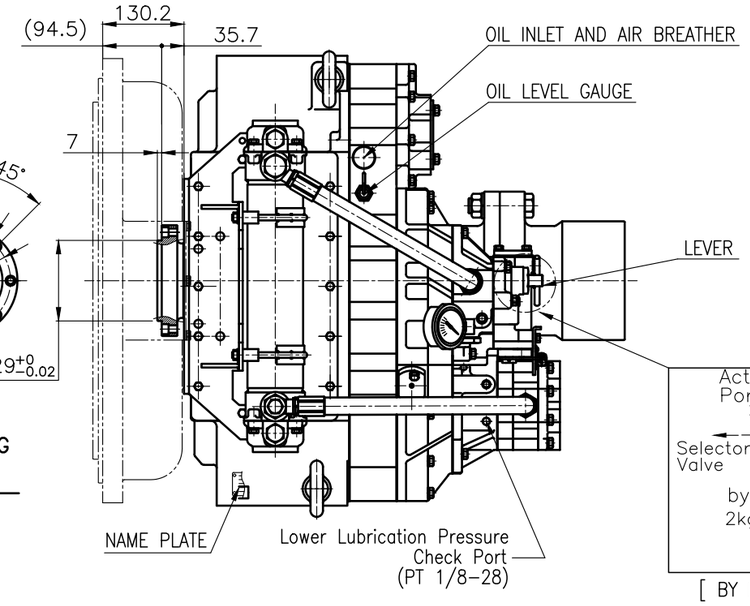
DWG.NO. 40000GA~E-018CFR | REV. 000

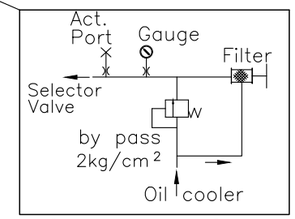


OUTPUT SHAFT COUPLING & PROPELLER COUPLING DIMENSION

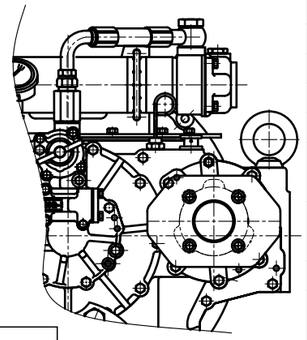


INPUT COUPLING DIMENSION



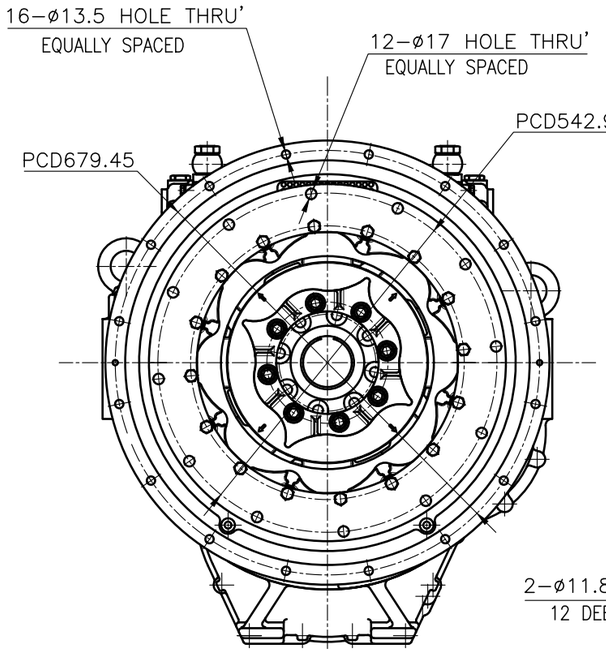


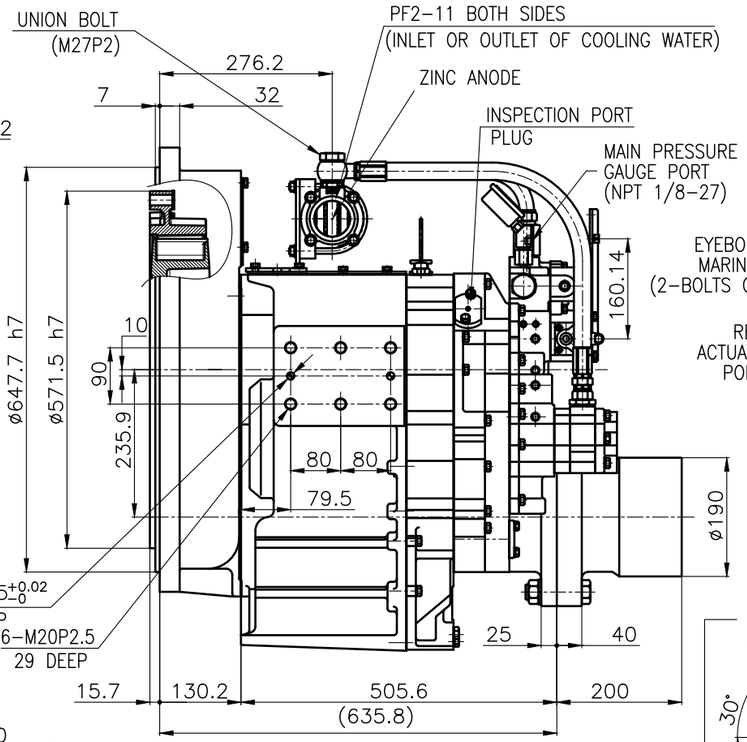
[BY PASS SYSTEM]

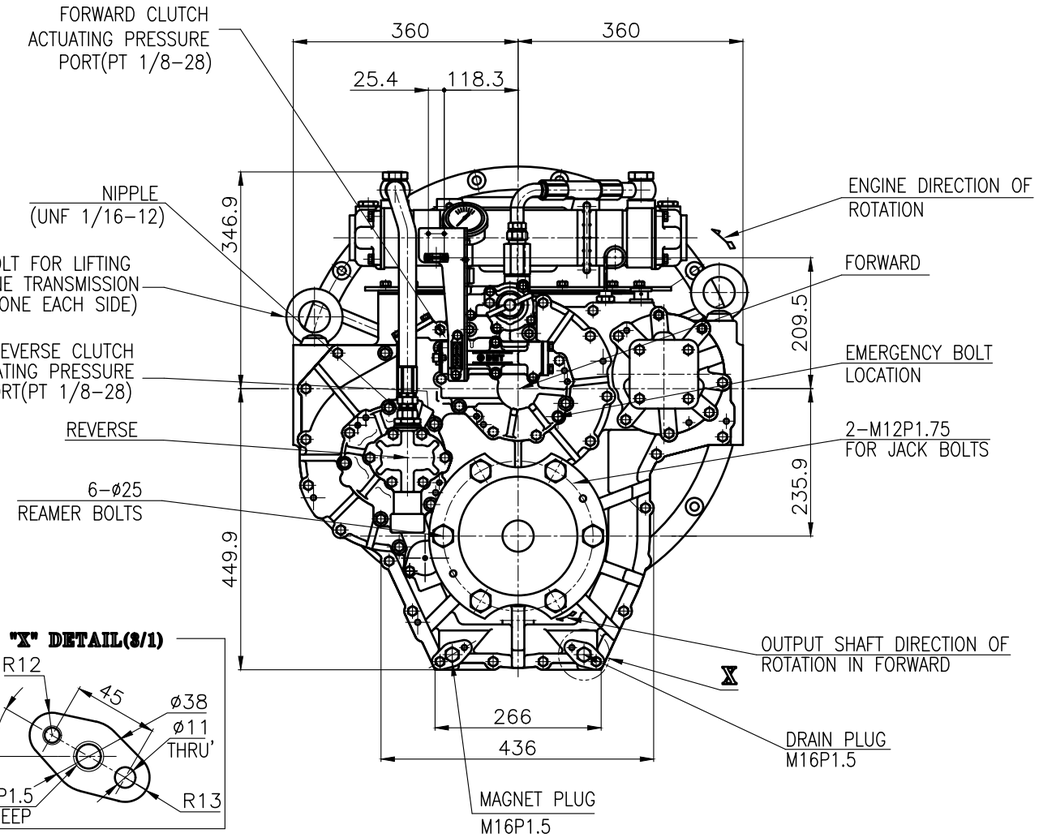


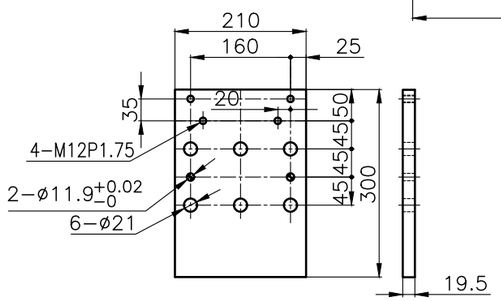
P.T.O ATTACHED

DMT400H MARINE TRANSMISSION SPECIFICATION		
GEAR RATIO	1.43, 1.72, 2.03, 2.46, 2.75	
TOTAL WEIGHT	APPROX. 660 Kg(DRY)	
OIL CAPACITY	APPROX. 9 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

REMARK

1.HOUSING : SAE# 0

2.DRIVING RING : SAE 18"

3.COUPLING TYPE :

- CENTA Flex Coupling : 77318802

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 2018.04.16	척도 SCALE N/S
승인 APPROVED BY	검도 CHECKED BY	제도 DRAWN	설계 DESIGNED
JK.Kim	TH.Cha	GH.Park	

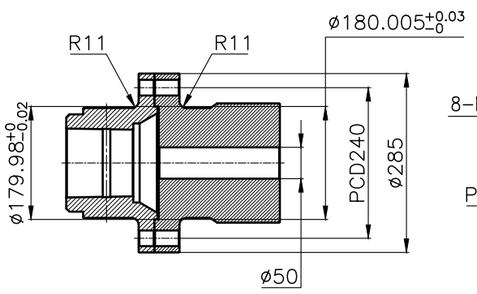
형식 TYPE	DMT400H	원도번 ORIGINAL DWG. NO.	
품명 NAME	MARINE TRANSMISSION		
도번 DWG. NO.	40000GA~E-018CFR	개정(REV.)	000
크기 SIZE	A3	코드번호 CODE ID. NO.	

D-I INDUSTRIAL

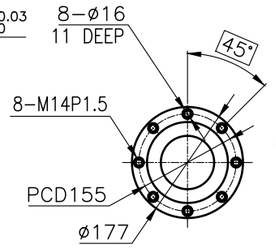
SHEET 1 OF 1

동이기술-004(841×594)

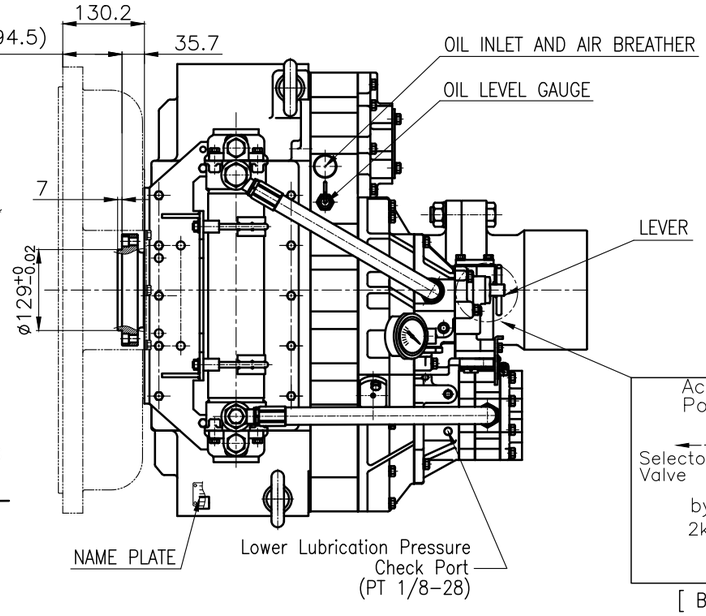
DWG.NO. 40000GA~E-014CFR (REV.) 000

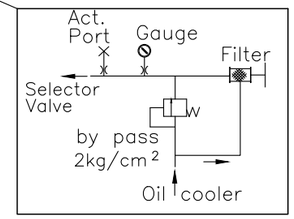


OUTPUT SHAFT COUPLING & PROPELLER COUPLING DIMENSION

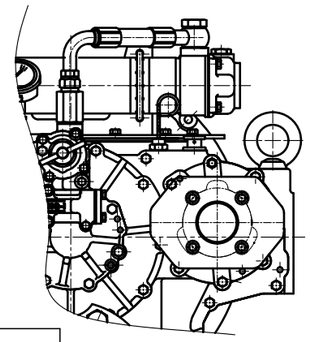


INPUT COUPLING DIMENSION



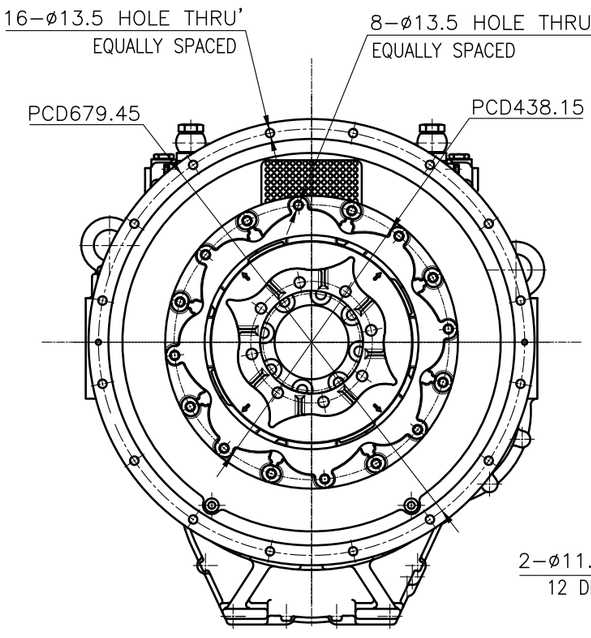


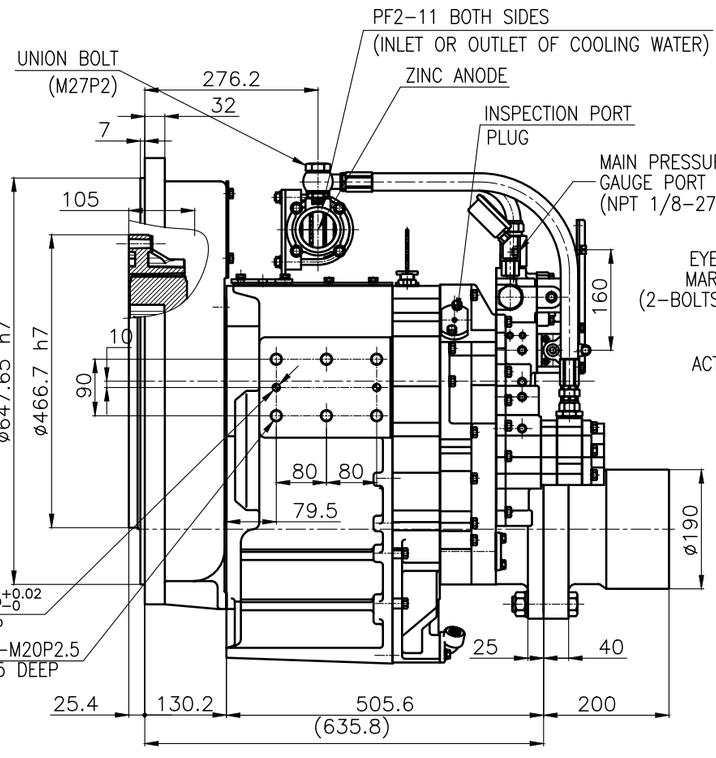
[BY PASS SYSTEM]

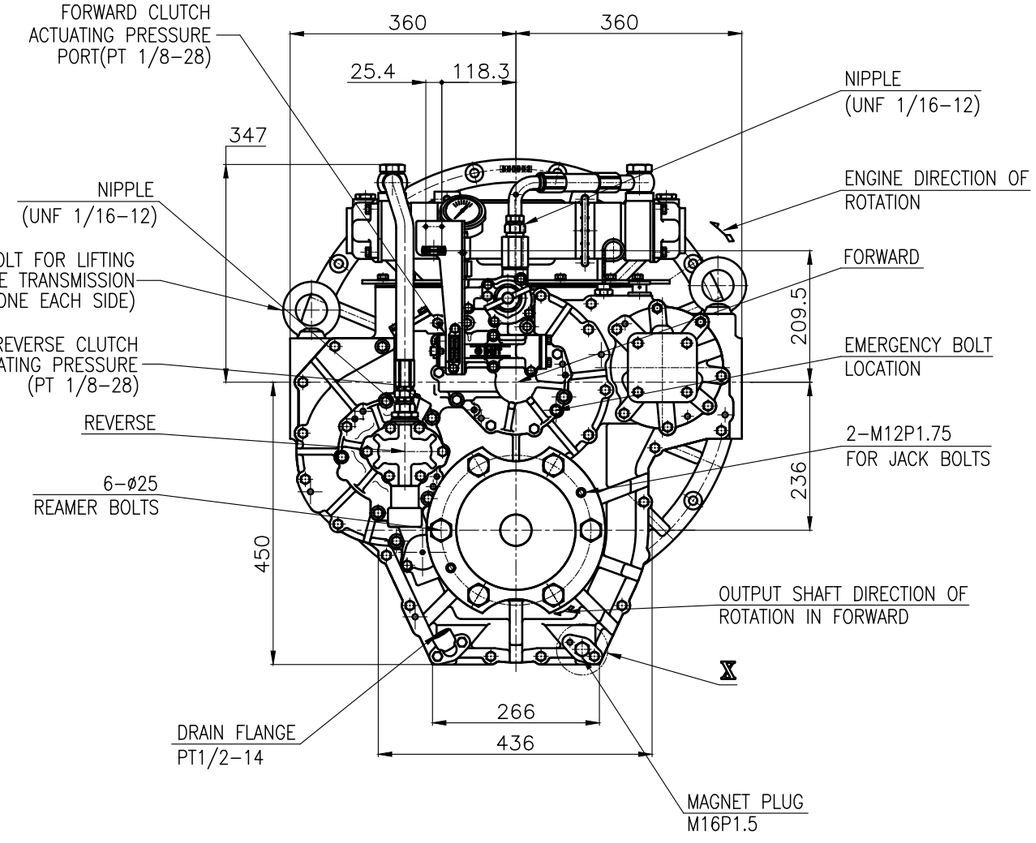


P.T.O ATTACHED

DMT400H MARINE TRANSMISSION SPECIFICATION			
GEAR RATIO	1.43, 1.72, 2.03, 2.46, 2.75		
TOTAL WEIGHT	APPROX. 660 Kg(DRY)		
OIL CAPACITY	APPROX. 9 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		

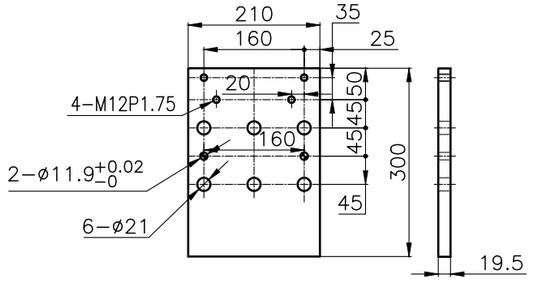




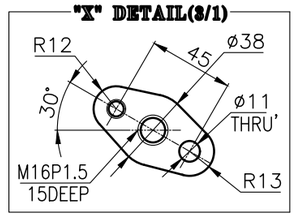


REMARK

1.HOUSING : SAE# 0
2.DRIVING RING : SAE 14"
3.COUPLING TYPE
CENTA Flex Coupling (77318804)



BRACKET DIMENSION



공통공차 TOLERANCE ON			
분수 FRACTIONS ± —	소수 DECIMALS ± —	각도 ANGLES ± —	
일반공차 절삭가공	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	수량 Q'TY	재질 MATERIAL	규격 SIZE	비고 REMARKS
		재질 MATERIAL —				

작성 DATE 2018.06.29	척도 SCALE N/S	형식 TYPE	DMT400H
승인 APPROVED BY	검도 CHECKED BY / 제도 DRAWN / 설계 DESIGNED	품명 NAME	MARINE TRANSMISSION
JK.Kim	TH.Cha / CH.Baek	도번 DWG. NO.	40000GA~E-014CFR
D-I INDUSTRIAL		원도번 ORIGINAL DWG. NO.	
		개정(REV.)	000
크기 SIZE	A3	코드번호 CODE ID. NO.	

SHEET 1 OF 1

동이기술-004(841×594)