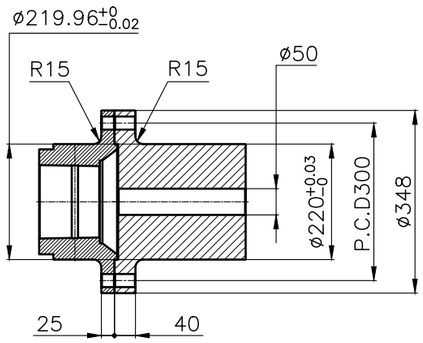
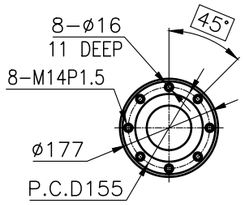
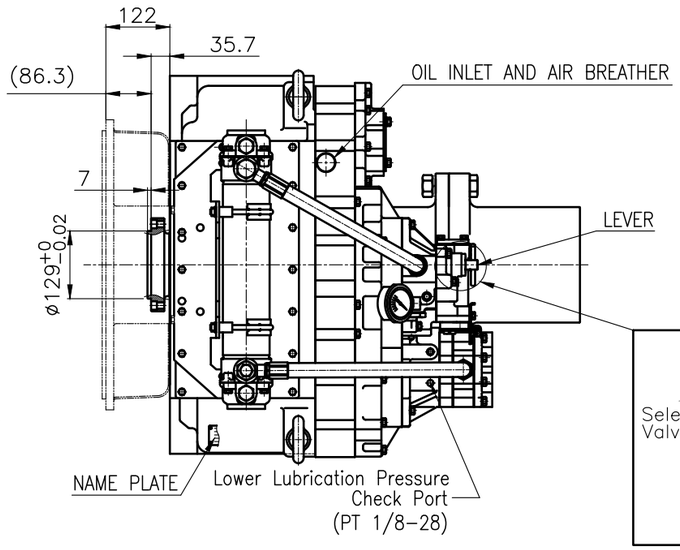
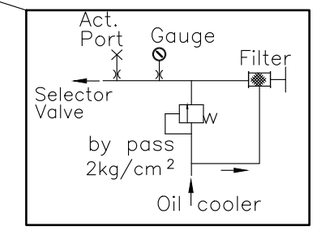


OUTPUT SHAFT COUPLING & PROPELLER COUPLING DIMENSION



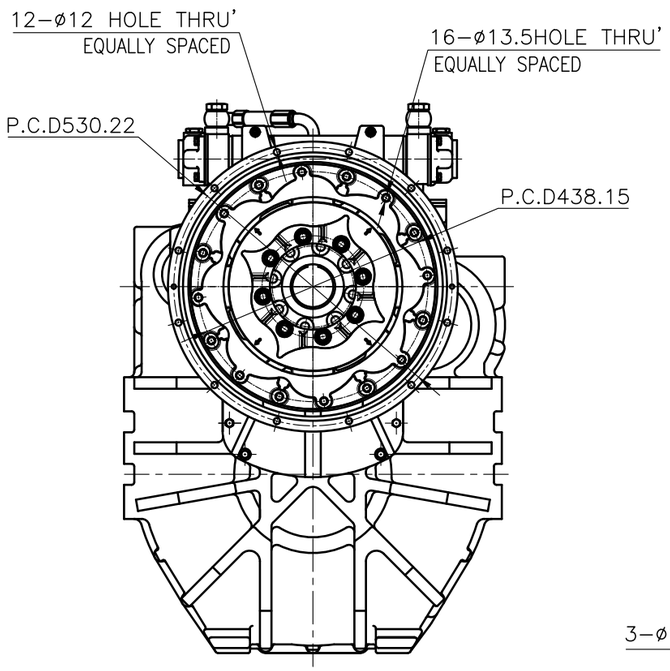
INPUT COUPLING DIMENSION

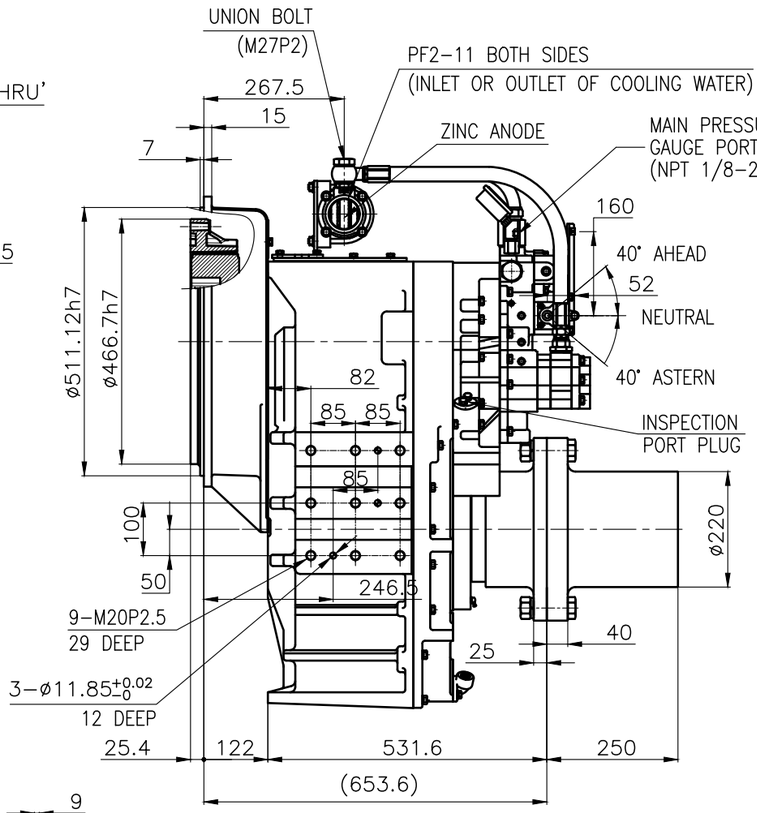


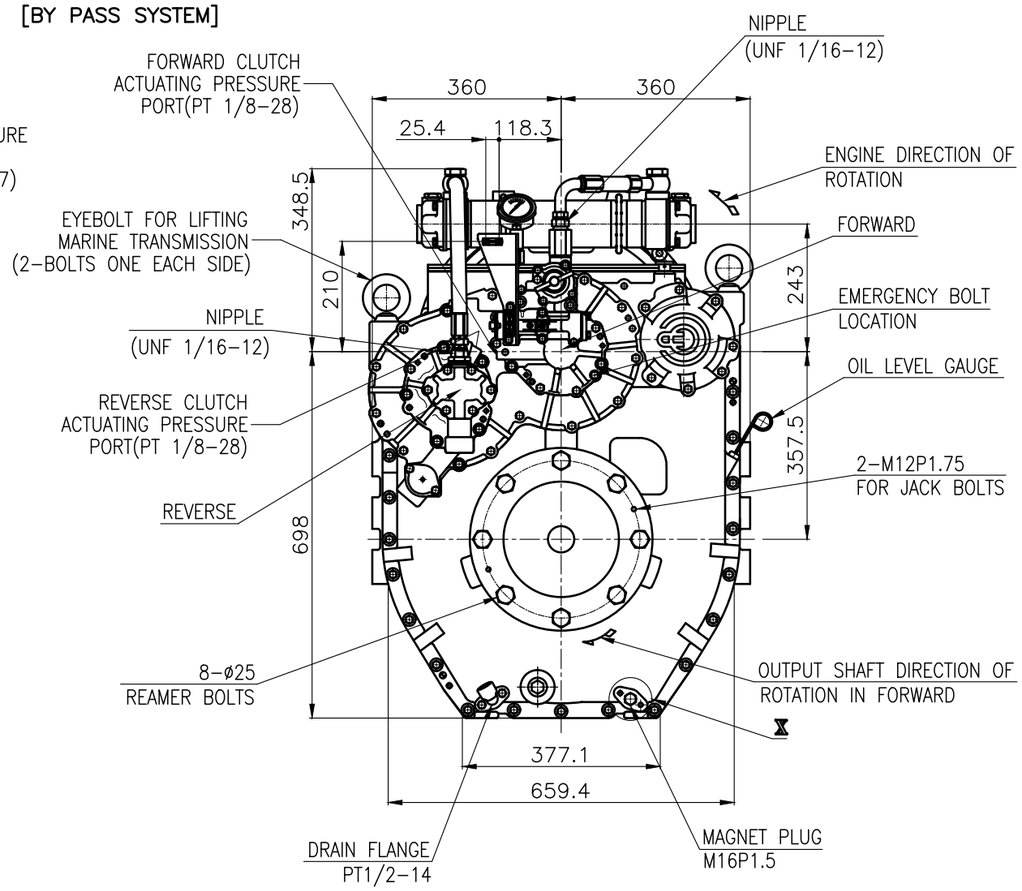


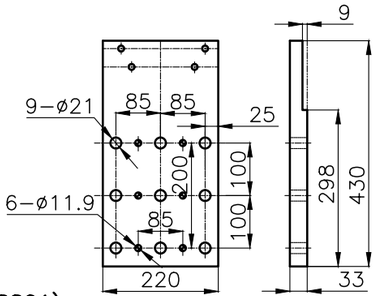
[BY PASS SYSTEM]

DMT460HL MARINE TRSANMISSION SPECIFICATION			
GEAR RATIO	3.02, 3.28, 3.56, 4.07, 4.48, 4.95		
TOTAL WEIGHT	APPROX. 962 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 90 ~ 120 L/min		
	TEMPERATURE OF COOLING WATER	MAX 32°C	
OPERATING TORQUE OF SHIFTING LEVER		UNDER 2.94Nm	



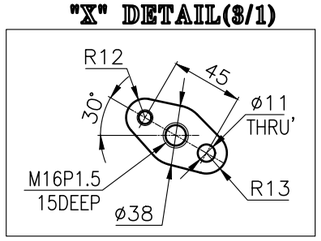






BRACKET DIMENSION

"X" DETAIL(3/1)



REMARK

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

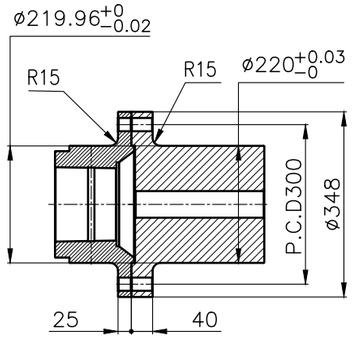
공통공차 TOLERANCE ON			
분수 FRACTIONS ±	소수 DECIMALS ±	각도 ANGLES ±	
일반공차	절삭가공		
구분	조급	중급	정급
1 초과 4 이하	± 0.3	± 0.1	± 0.05
4 16	± 0.5	± 0.2	± 0.07
16 63	± 0.7	± 0.3	± 0.1
63 250	± 1.2	± 0.5	± 0.2
250 1000	± 2.0	± 0.8	± 0.3

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

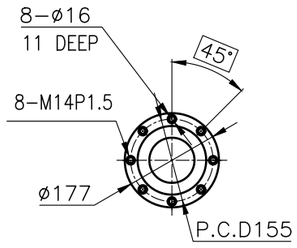
재질 MATERIAL			형식 TYPE	DMT460HL
	작성 DATE 2018.06.29	척도 SCALE N/S	품명 NAME	MARINE TRANSMISSION
승인 APPROVED BY	검도 CHECKED BY	제도 DRAWN / 설계 DESIGNED	도번 DWG. NO.	46000GHA~F-114CFR
JK.Kim	TH.Cha	CH.Baek	원도번 ORIGINAL DWG. NO.	개정(REV.) 000

D-I INDUSTRIAL

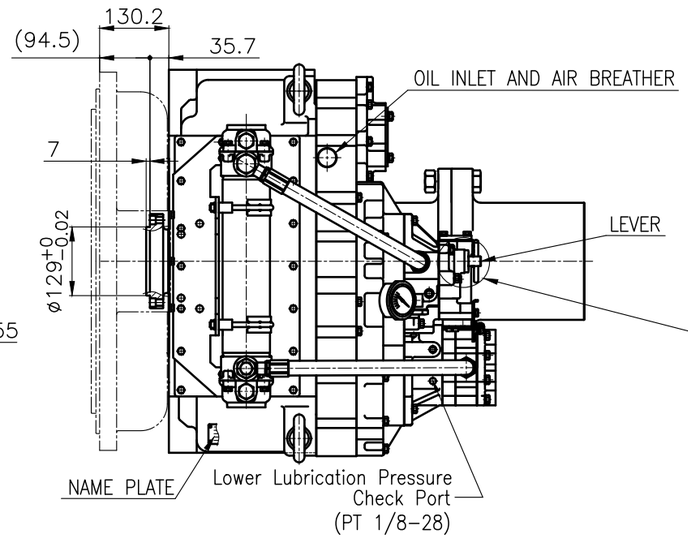
그기 SIZE A3 코드번호 CODE ID. NO.

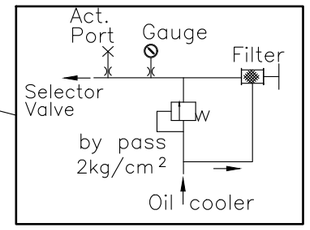


OUTPUT SHAFT COUPLING & PROPELLER COUPLING DIMENSION



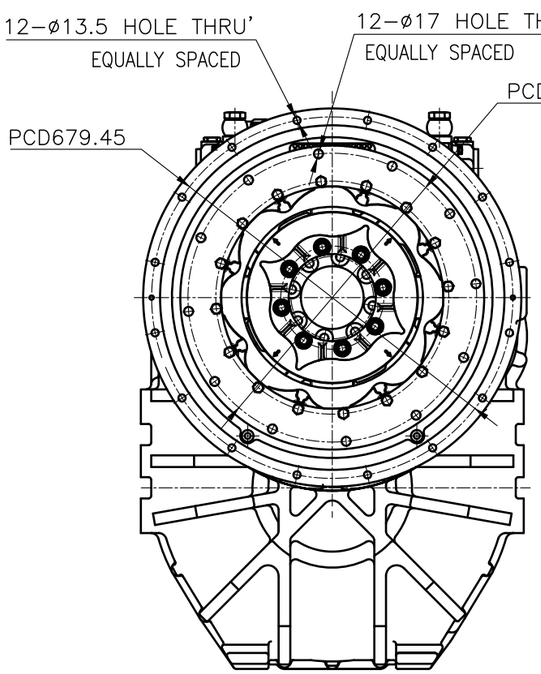
INPUT COUPLING DIMENSION

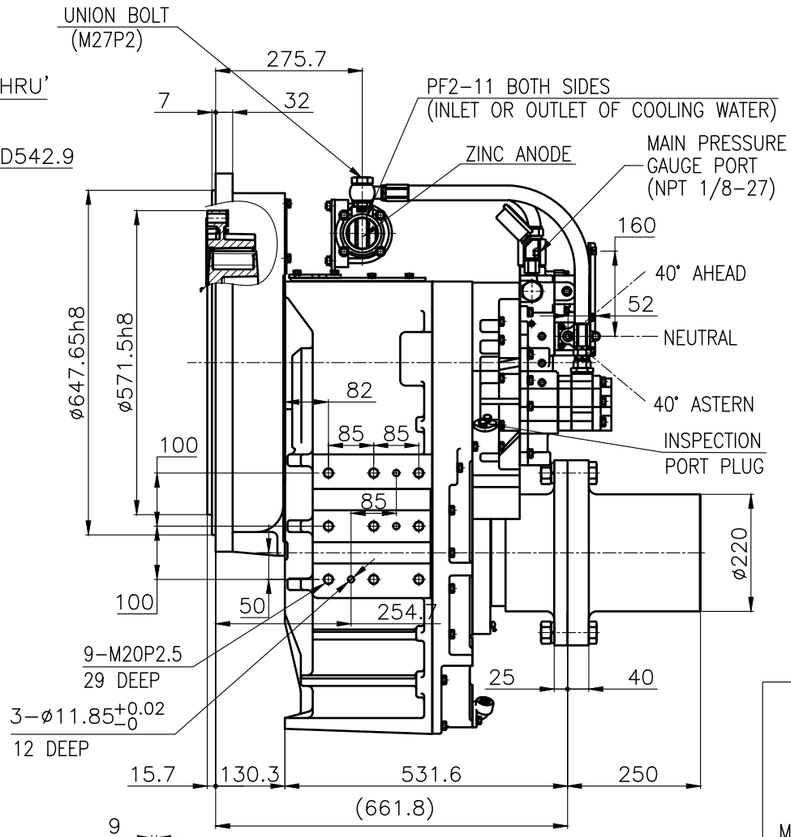


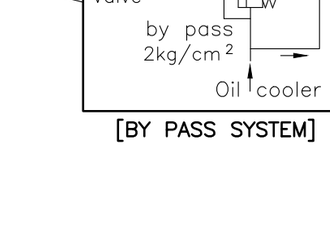


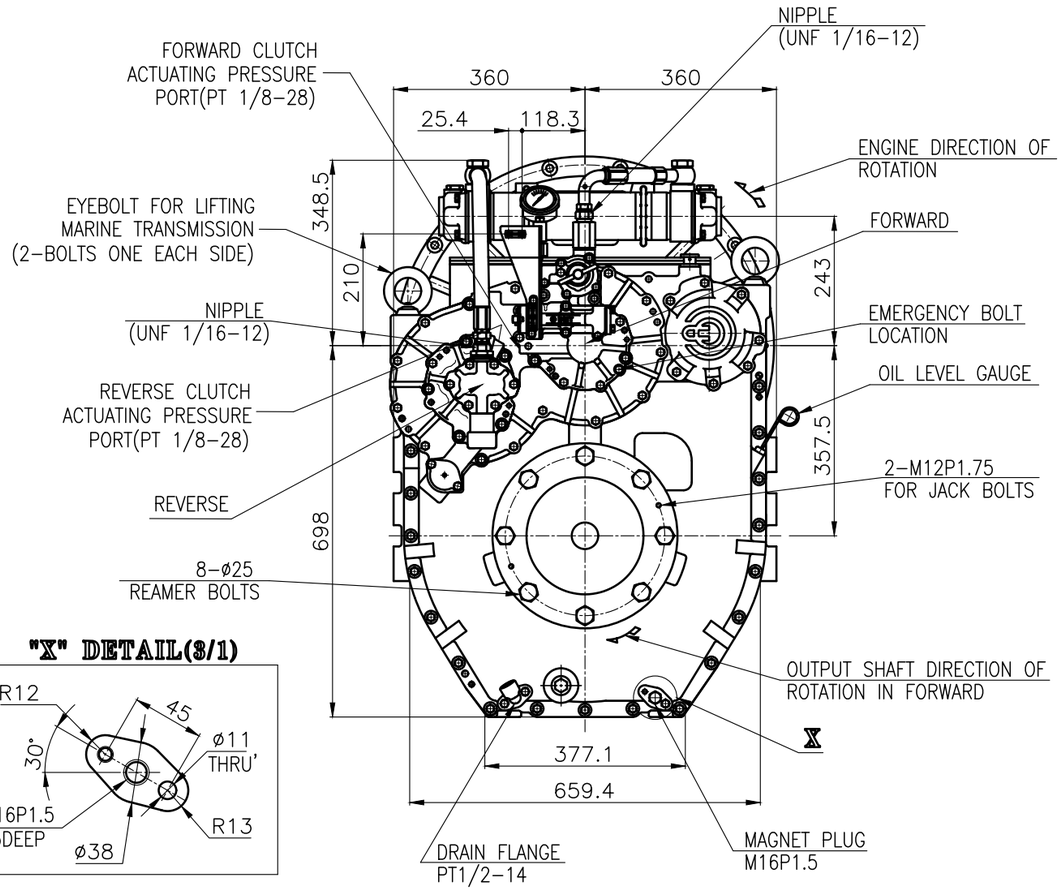
[BY PASS SYSTEM]

DMT460HL MARINE TRSANMISSION SPECIFICATION		
GEAR RATIO	3.02, 3.28, 3.56, 4.07, 4.48, 4.95	
TOTAL WEIGHT	APPROX. 979 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 90 ~ 120 L/min	
	TEMPERATURE OF COOLING WATER	MAX 32°C
OPERATING TORQUE OF SHIFTING LEVER		UNDER 2.94Nm









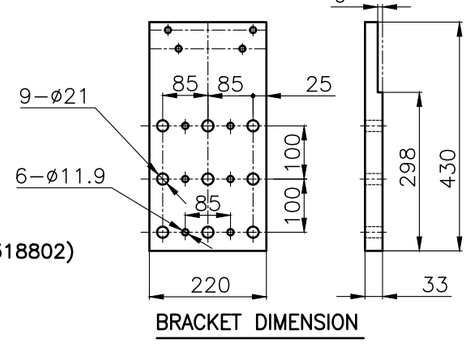
REMARK

1.HOUSING : SAE# 0

2.DRIVING RING : SAE 18"

3.COUPLING TYPE :

– CENTA Flex Coupling (77318802)



BRACKET DIMENSION

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

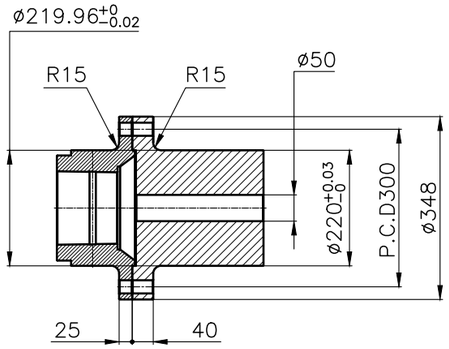
번호 NO.	품번 PART NO.	품명 PART NAME	개수 Q'TY	재질 MATERIAL	규격 SIZE	비고 REMARKS

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	

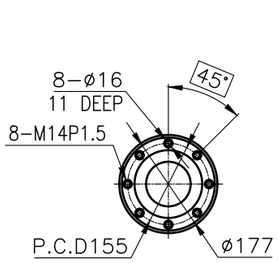
D-I INDUSTRIAL

형식 TYPE	DMT460HL	원도번 ORIGINAL DWG. NO.	
품명 NAME	MARINE TRANSMISSION		
도번 DWG. NO.	46000GHA~F-018CFR	개정(REV.)	000
크기 SIZE	A3	코드번호 CODE ID. NO.	

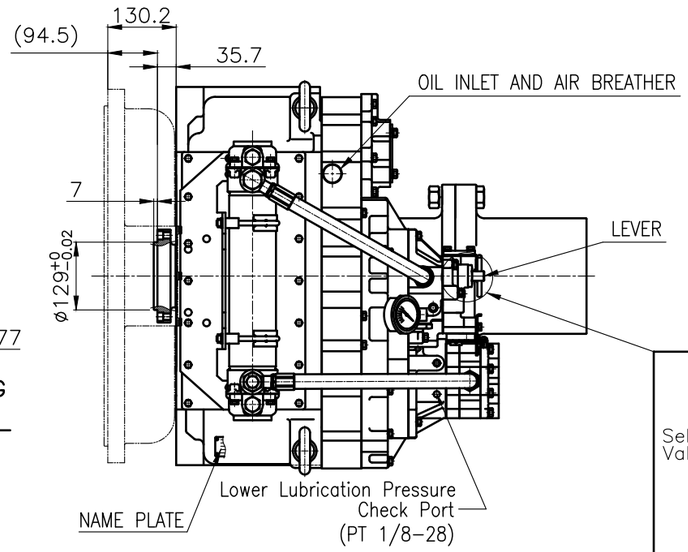
DWG.NO 46000GHA~F-014CFR 개정(REV.) 000

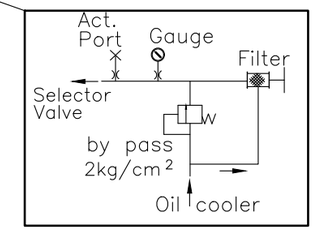


OUTPUT SHAFT COUPLING & PROPELLER COUPLING DIMENSION



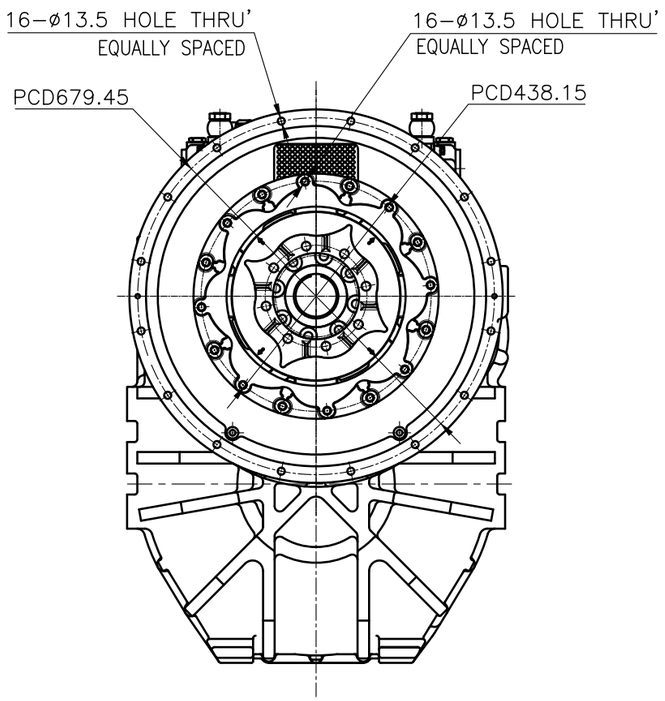
INPUT COUPLING DIMENSION

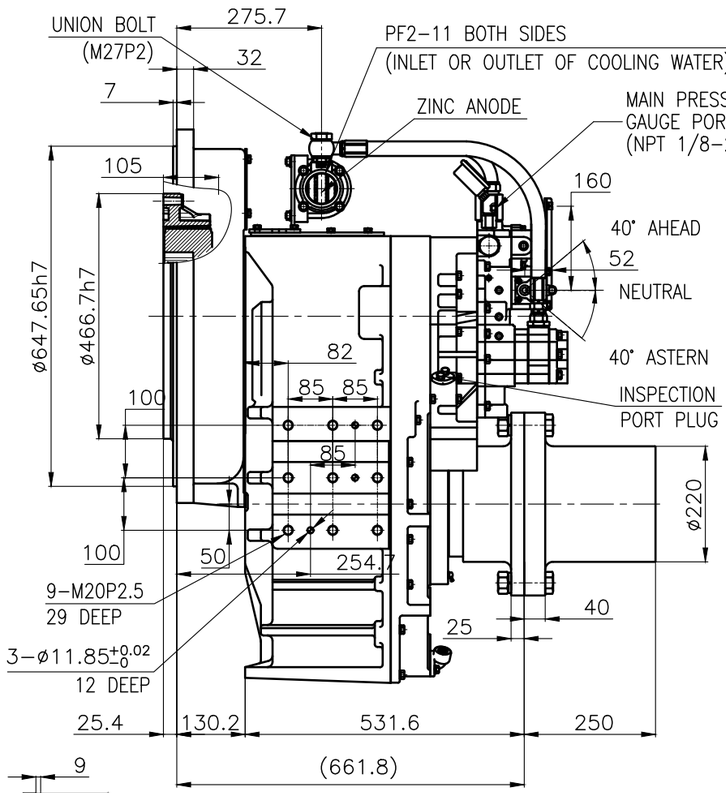


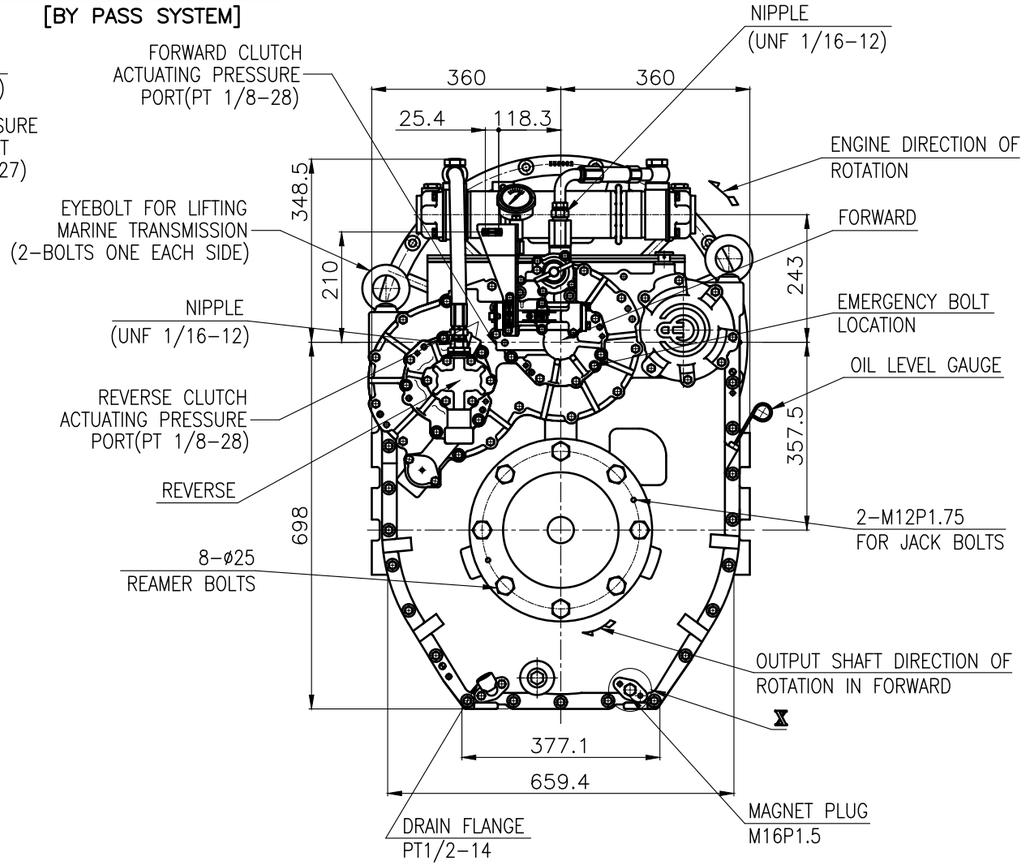


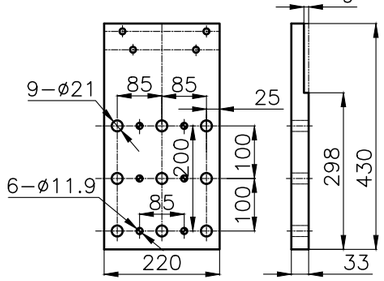
[BY PASS SYSTEM]

DMT460HL MARINE TRSANMISSION SPECIFICATION			
GEAR RATIO	3.02, 3.28, 3.56, 4.07, 4.48, 4.95		
TOTAL WEIGHT	APPROX. 1005 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 90 ~ 120 L/min		
	TEMPERATURE OF COOLING WATER	MAX 32°C	
OPERATING TORQUE OF SHIFTING LEVER	UNDER 2.94Nm		



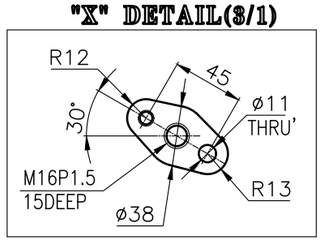






BRACKET DIMENSION

"X" DETAIL(S/1)



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

공통공차 TOLERANCE ON			
분수 FRACTIONS ± —	소수 DECIMALS ± —	각도 ANGLES ± —	
절삭가공			
일반공차	구분	조급	중급	정급
	1초과 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
승인 APPROVED BY	검도 CHECKED BY	제도 DRAWN	설계 DESIGNED
JK.Kim	TH.Cha	CH.Baek	

형식 TYPE	DMT460HL	원도번 ORIGINAL DWG. NO.	
품명 NAME	MARINE TRANSMISSION		
도번 DWG. NO.	46000GHA~F-014CFR	개정(REV.)	000
크기 SIZE	A3	코드번호 CODE ID. NO.	

D-I INDUSTRIAL

SHEET 1 OF 1
등이기술-004(841×594)