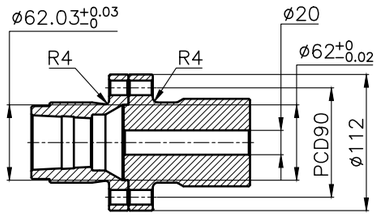
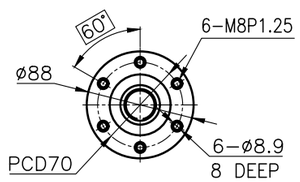
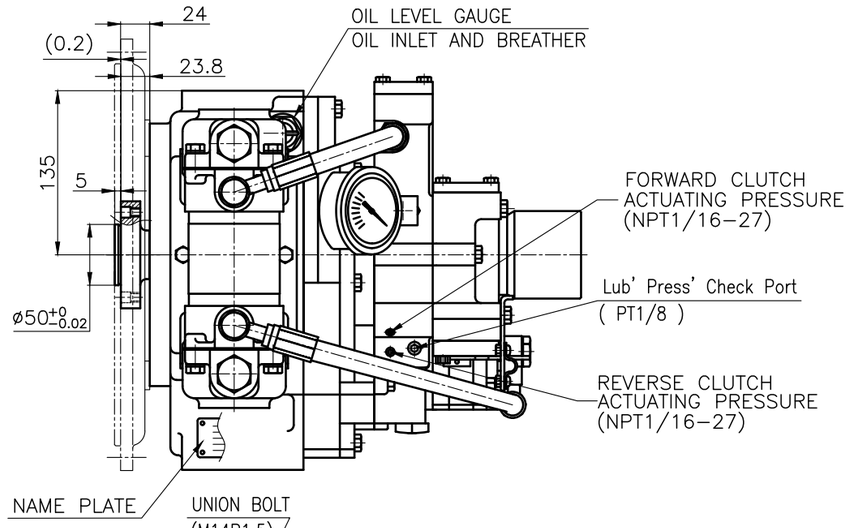
DWG.NO. 025000LA~E-575RC 개정(REV.) 000



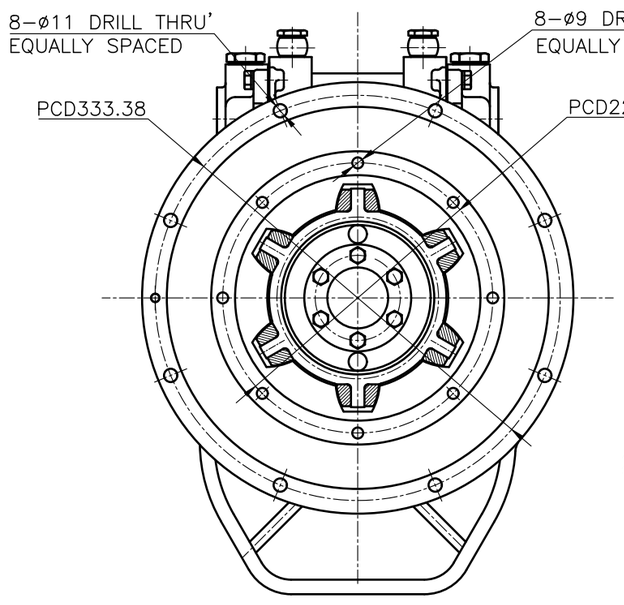
OUTPUT SHAFT COUPLING & PROPELLER COUPLING DIMENSION

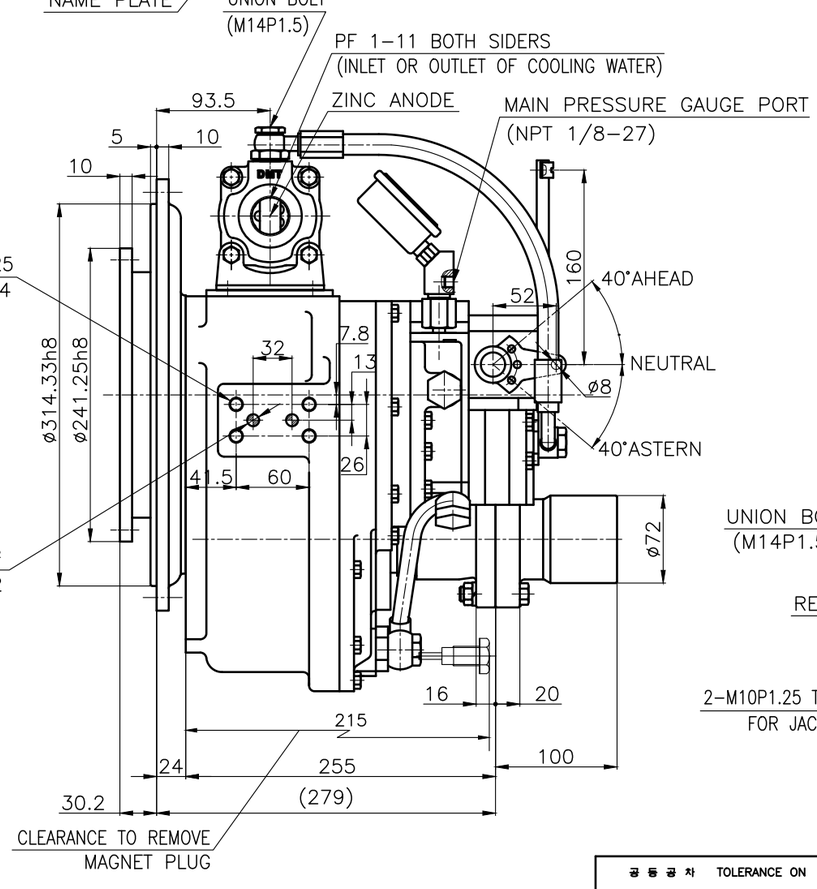


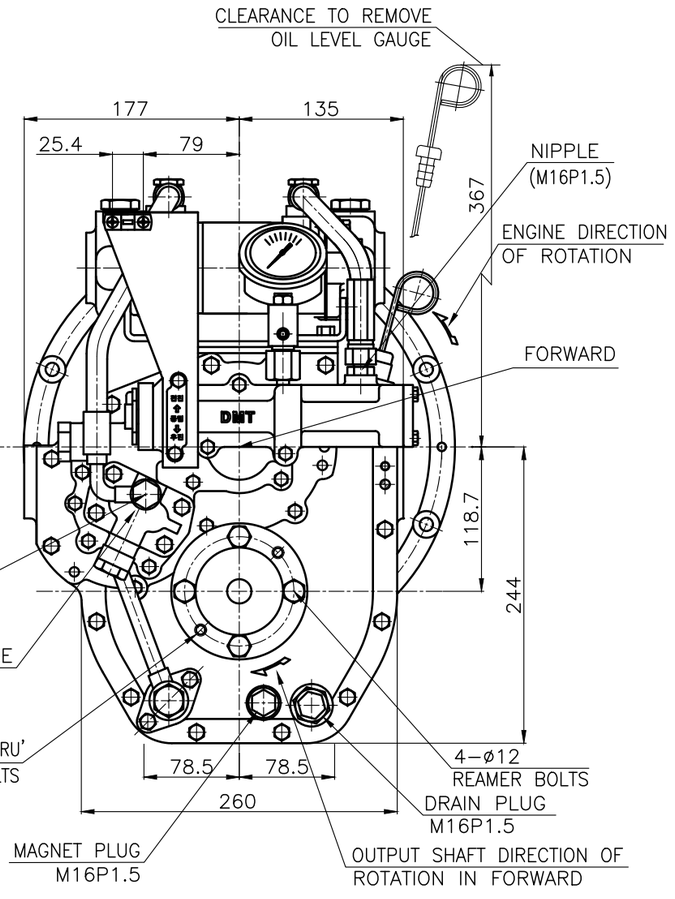
INPUT COUPLING DIMENSION

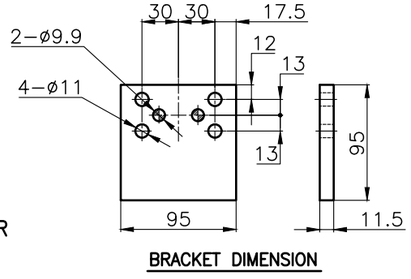


DMT 25AL MARINE TRANSMISSION SPECIFICATION		
GEAR RATIO	1.64, 2.07, 2.52, 2.96, 3.32	
TOTAL WEIGHT	APPROX. 77 Kg(DRY)	
OIL CAPACITY	APPROX. 2L	
OIL VISCOSITY	SAE # 30	
OIL PRESSURE	1.96 ~ 2.35 MPa	CLUTCH OIL
DIRECTION OF ROTATION IN FORWARD	INPUT	C.C.W VIEWED FROM THE STERN
	OUTPUT	C.W VIEWED FROM THE 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 20 ~ 40 L/m	
	TEMPERATURE OF COOLING WATER	MAX 32°C
OPERATING TORQUE OF SHIFTING LEVER		UNDER 2.94Nm









BRACKET DIMENSION

REMARK
1.HOUSING: SAE#5
2.DRIVING RING: SAE 7.5"
3.COULING TYPE : RUBBER

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

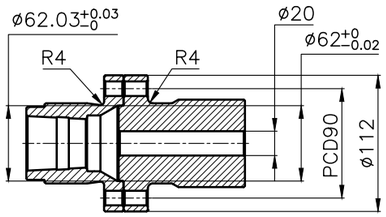
재질 MATERIAL			
	작성 DATE 2018.06.20	척도 SCALE	N/S
승인 APPROVED BY	검도 CHECKED BY	제도 DRAWN	설계 DESIGNED
JK.Kim	TH.Cha	BJ.Moon	

형식 TYPE	DMT25AL	원도번 ORIGINAL DWG. NO.	
품명 NAME	MARINE TRANSMISSION		
도번 DWG. NO.	025000LA~E-575RC	개정(REV.)	000
크기 SIZE	A 3	코드번호 CODE ID. NO.	

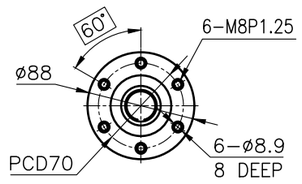
D-I INDUSTRIAL

SHEET 1 OF 1
용이기술-004(841×594)

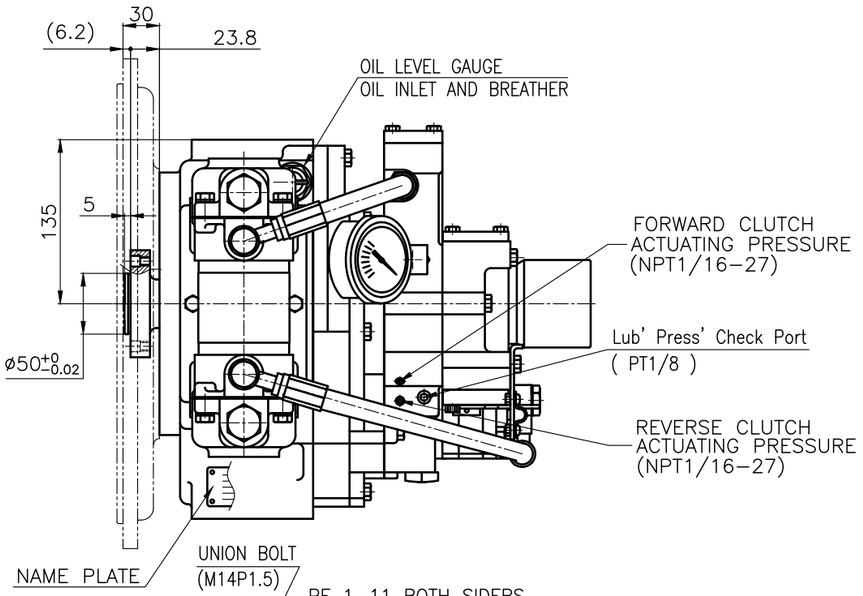
DWG.NO. 025000LA~E-475RC 개정(REV.) 000



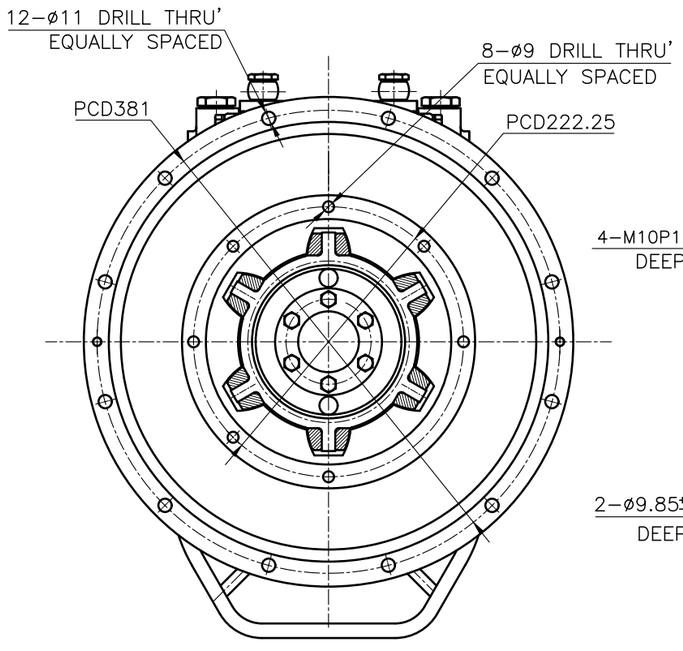
OUTPUT SHAFT COUPLING & PROPELLER COUPLING DIMENSION

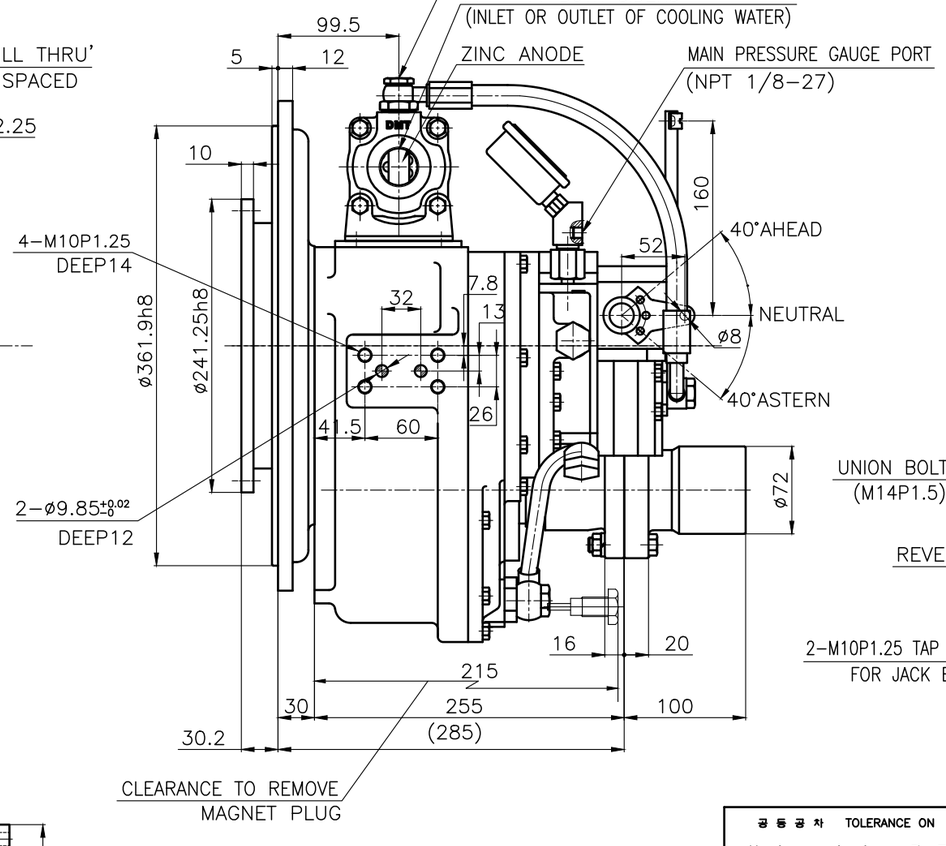


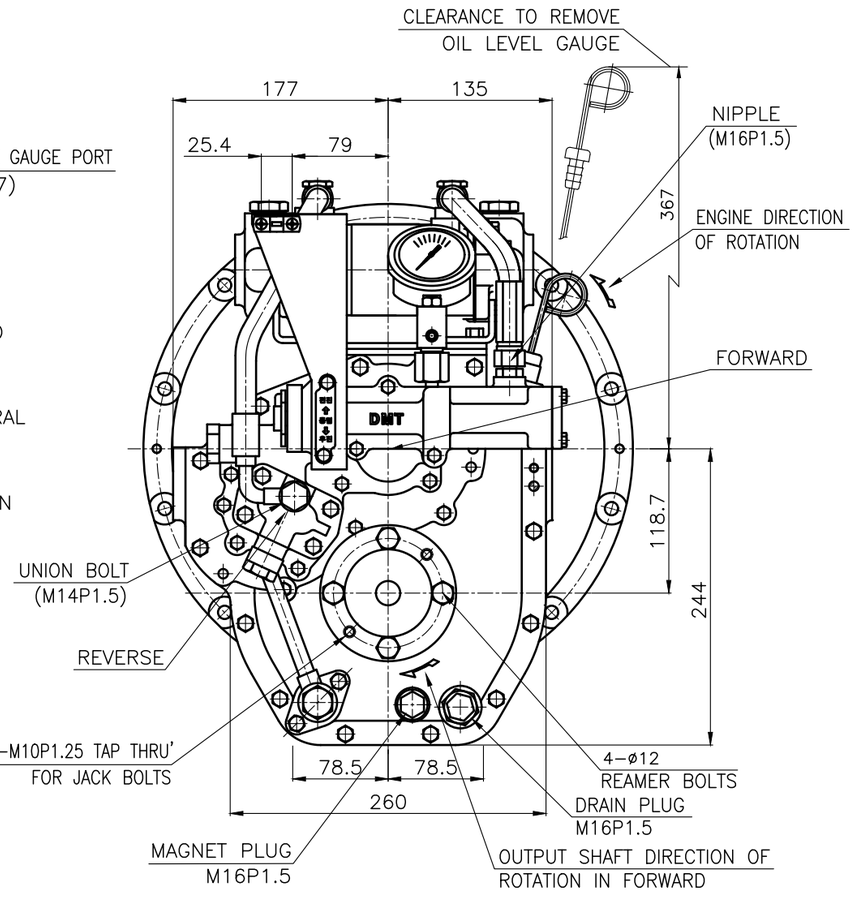
INPUT COUPLING DIMENSION

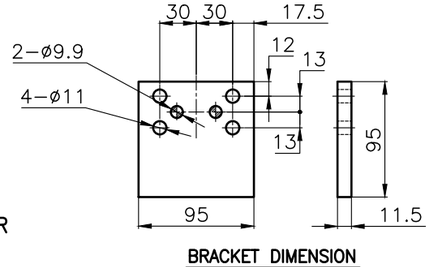


DMT 25AL MARINE TRANSMISSION SPECIFICATION		
GEAR RATIO	1.64, 2.07, 2.52, 2.96, 3.32	
TOTAL WEIGHT	APPROX. 77 Kg(DRY)	
OIL CAPACITY	APPROX. 2L	
OIL VISCOSITY	SAE # 30	
OIL PRESSURE	1.96 ~ 2.35 MPa	CLUTCH OIL
DIRECTION OF ROTATION IN FORWARD	INPUT	C.C.W VIEWED FROM THE STERN
	OUTPUT	C.W VIEWED FROM THE 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 20 ~ 40 L/m	
	TEMPERATURE OF COOLING WATER	MAX 32°C
OPERATING TORQUE OF SHIFTING LEVER		UNDER 2.94Nm









BRACKET DIMENSION

REMARK
1.HOUSING: SAE#4
2.DRIVING RING: SAE 7.5"
3.COULING TYPE : RUBBER

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

재질 MATERIAL		작성 DATE 2018.06.20	척도 SCALE N/S	형식 TYPE DMT25AL
				원도번 ORIGINAL DWG. NO.
				품명 NAME MARINE TRANSMISSION
승인 APPROVED BY	검도 CHECKED BY	제도 DRAWN	설계 DESIGNED	도번 DWG. NO. 025000LA~E-475RC
JK.Kim	TH.Cha	BJ.Moon		개정(REV.) 000

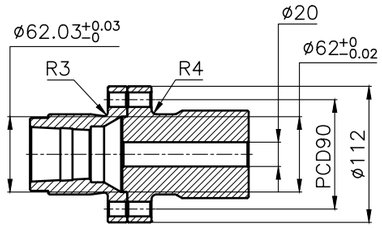
D-I INDUSTRIAL

크기 SIZE A3 | 코드번호 CODE ID. NO.

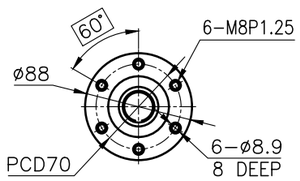
SHEET 1 OF 1

등이기술-004(841×594)

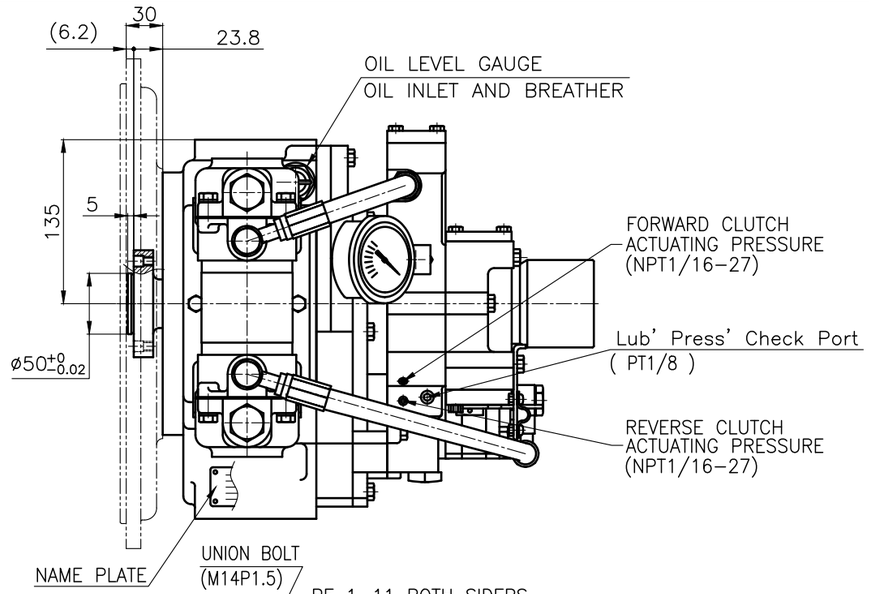
DWG.NO. 025000LA~E-410RC 개정(REV.) 000



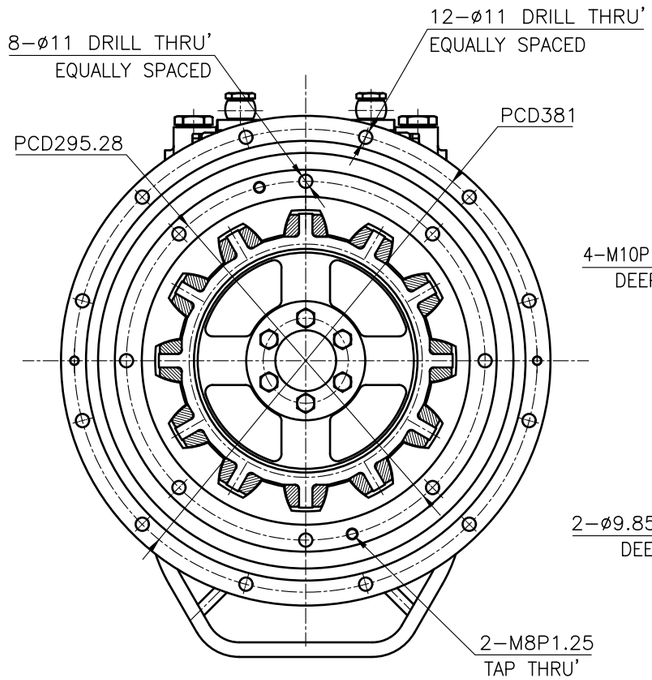
OUTPUT SHAFT COUPLING & PROPELLER COUPLING DIMENSION

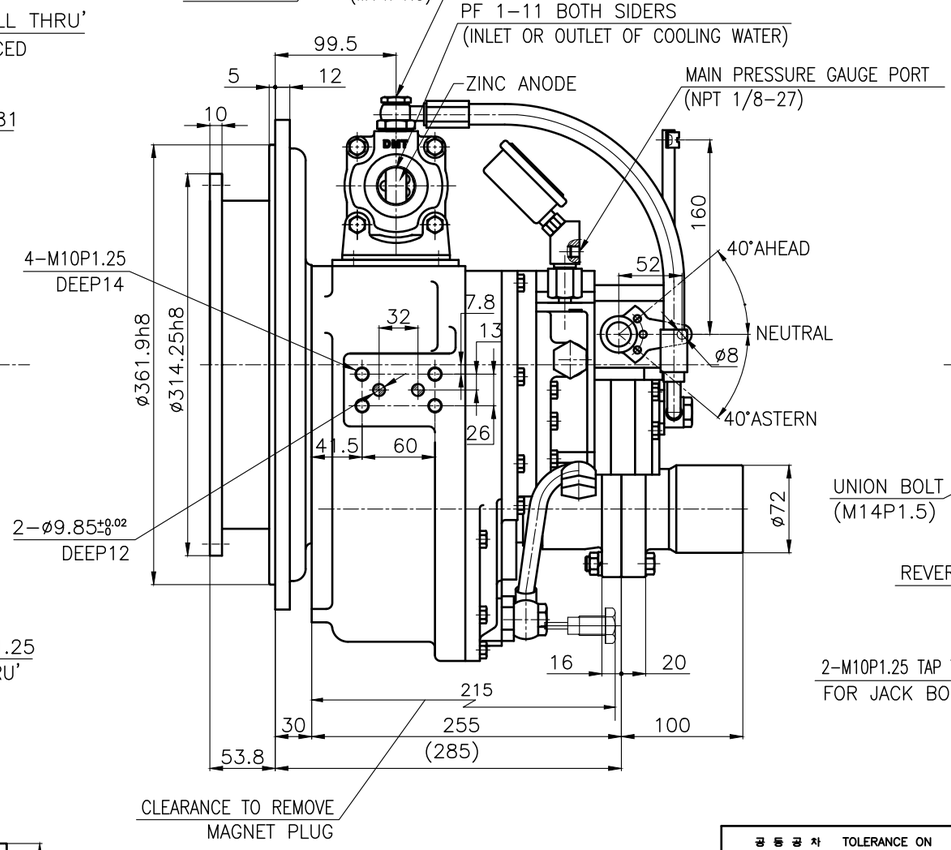


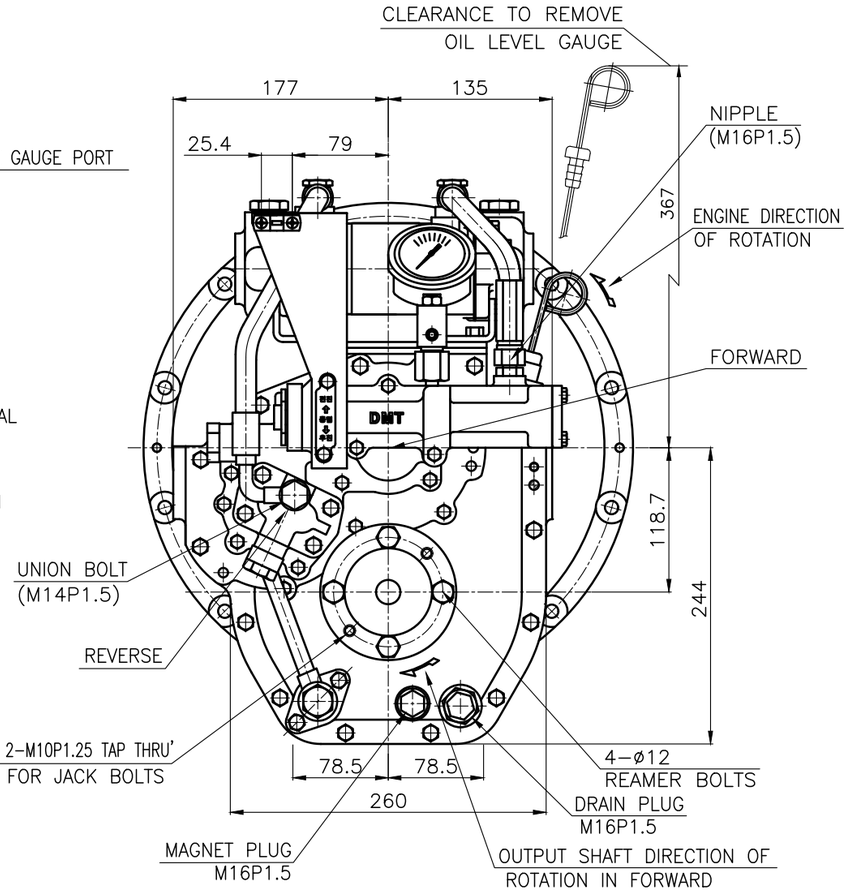
INPUT COUPLING DIMENSION

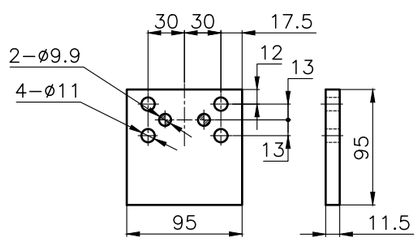


DMT 25AL MARINE TRANSMISSION SPECIFICATION		
GEAR RATIO	1.64, 2.07, 2.52, 2.96, 3.32	
TOTAL WEIGHT	APPROX. 77 Kg(DRY)	
OIL CAPACITY	APPROX. 2L	
OIL VISCOSITY	SAE # 30	
OIL PRESSURE	1.96 ~ 2.35 MPa	CLUTCH OIL
DIRECTION OF ROTATION IN FORWARD	INPUT	C.C.W VIEWED FROM THE STERN
	OUTPUT	C.W VIEWED FROM THE 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 20 ~ 40 L/m	
	TEMPERATURE OF COOLING WATER	MAX 32°C
OPERATING TORQUE OF SHIFTING LEVER		UNDER 2.94Nm









BRACKET DIMENSION

REMARK
1.HOUSING: SAE#4
2.DRIVING RING: SAE 10"
3.COULING TYPE : RUBBER

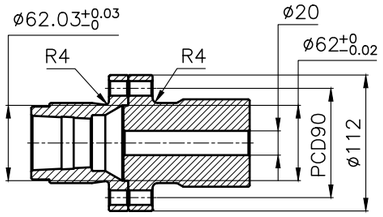
공통공차 TOLERANCE ON			
분수 FRACTIONS ±	소수 DECIMALS ±	각도 ANGLES ±	
일반공차	절삭가공		
구분	조급	중급	정급
1 초과 4 이하	± 0.3	± 0.1	± 0.05
4 16	± 0.5	± 0.2	± 0.07
16 63	± 0.7	± 0.3	± 0.1
63 250	± 1.2	± 0.5	± 0.2
250 1000	± 2.0	± 0.8	± 0.3

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

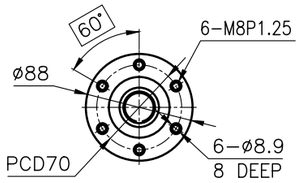
재질 MATERIAL			형식 TYPE: DMT25AL
	작성 DATE 2018.06.20	척도 SCALE N/S	원도번 ORIGINAL DWG. NO.
승인 APPROVED BY	검도 CHECKED BY	제도 DRAWN	설계 DESIGNED
JK.Kim	TH.Cha	BJ.Moon	품명 NAME: MARINE TRANSMISSION
D-I INDUSTRIAL			도번 DWG. NO.: 025000LA~E-410RC 개정(REV.): 000
			크기 SIZE: A3 코드번호 CODE ID. NO.

SHEET 1 OF 1
등이기술-004(841×594)

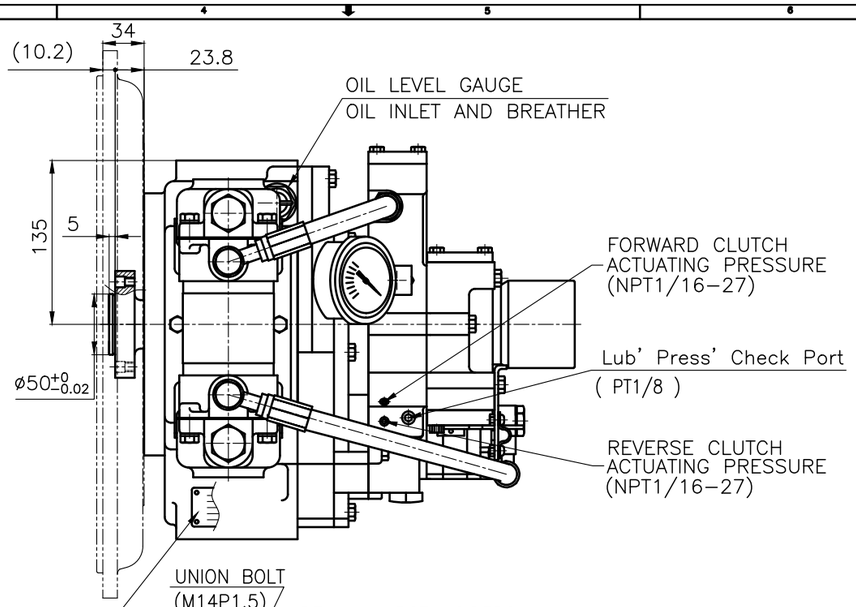
DMT 25AL MARINE TRANSMISSION SPECIFICATION		
GEAR RATIO	1.64, 2.07, 2.52, 2.96, 3.32	
TOTAL WEIGHT	APPROX. 77 Kg(DRY)	
OIL CAPACITY	APPROX. 2L	
OIL VISCOSITY	SAE # 30	
OIL PRESSURE	1.96 ~ 2.35 MPa	CLUTCH OIL
DIRECTION OF ROTATION IN FORWARD	INPUT	C.C.W VIEWED FROM THE STERN
	OUTPUT	C.W VIEWED FROM THE 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 20 ~ 40 L/m	
	TEMPERATURE OF COOLING WATER	MAX 32°C
OPERATING TORQUE OF SHIFTING LEVER		UNDER 2.94Nm

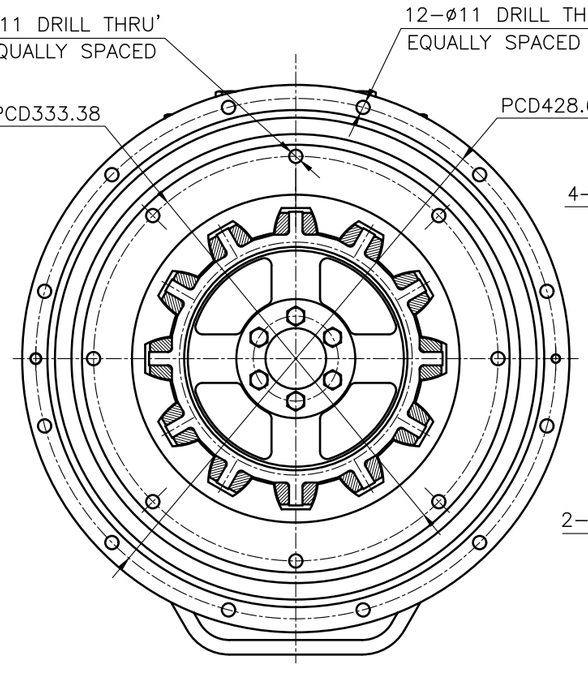


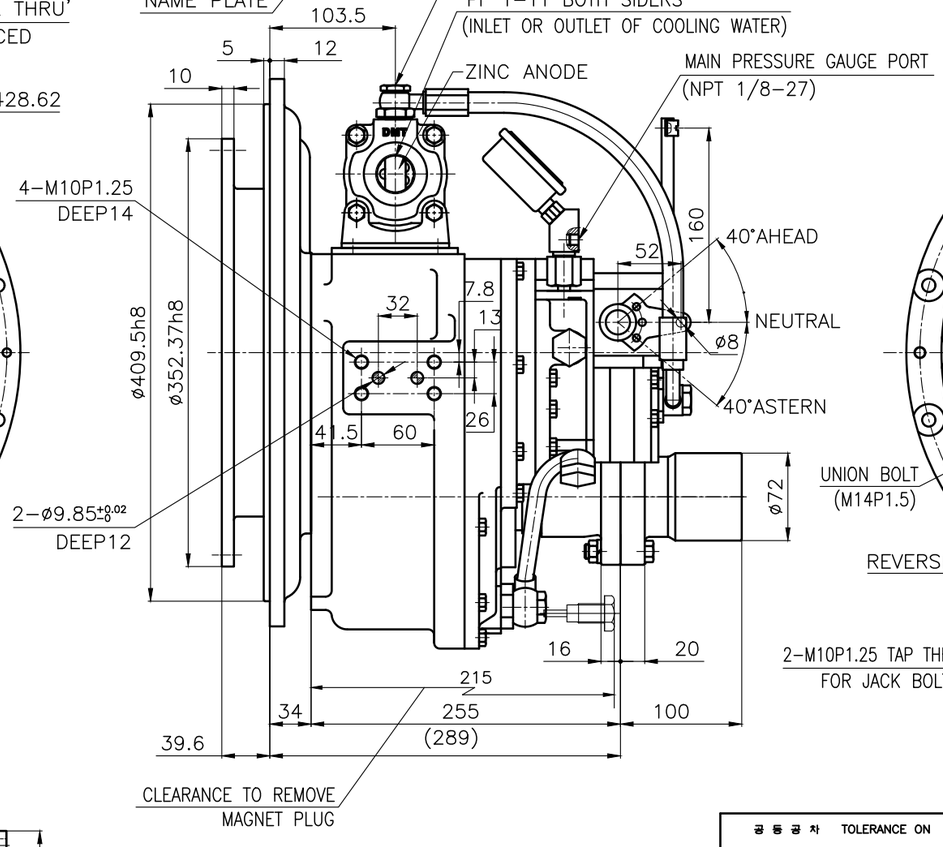
OUTPUT SHAFT COUPLING & PROPELLER COUPLING DIMENSION

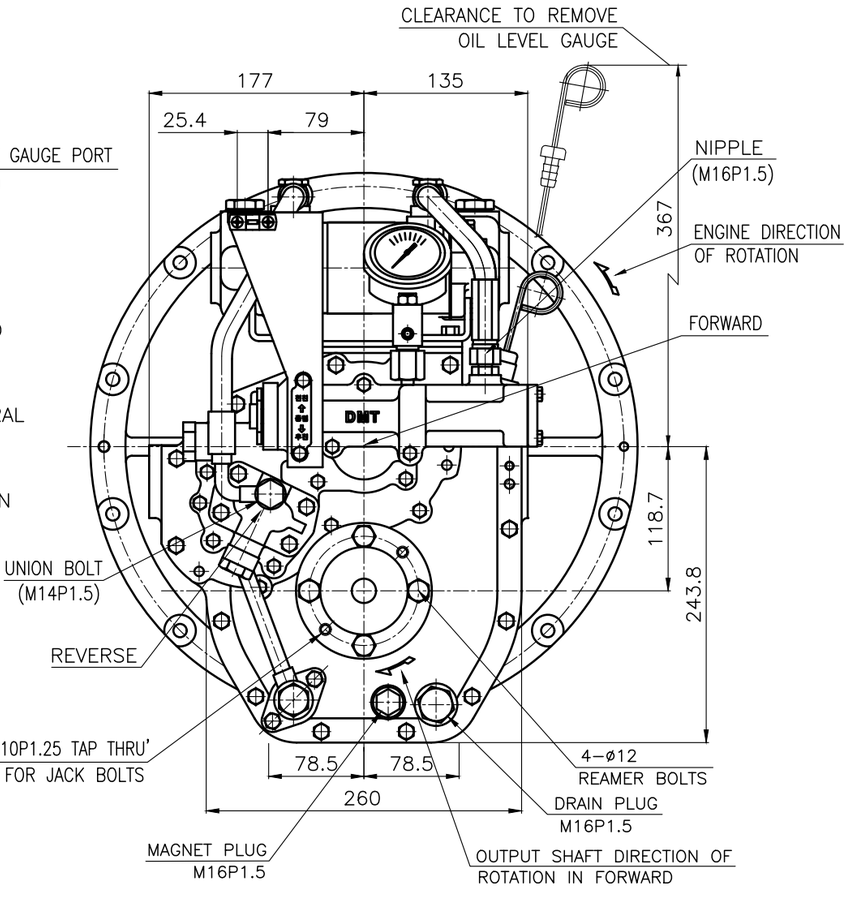


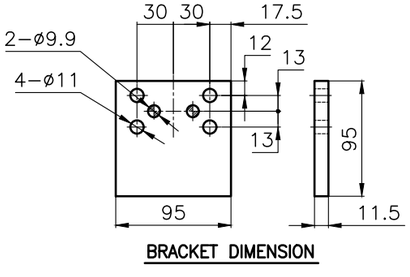
INPUT COUPLING DIMENSION











BRACKET DIMENSION

REMARK
1.HOUSING: SAE#3
2.DRIVING RING: SAE 11.5"
3.COULING TYPE : RUBBER

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

재질 MATERIAL	——		형식 TYPE	DMT25AL
	작성 DATE 2018.06.20	척도 SCALE N/S		원도번 ORIGINAL DWG. NO.
승인 APPROVED BY	검도 CHECKED BY	제도 DRAWN / 설계 DESIGNED	품명 NAME	MARINE TRANSMISSION
JK.Kim	TH.Cha	BJ.Moon	도번 DWG. NO.	025000LA~E-3115RC
D-I INDUSTRIAL			크기 SIZE	A3
			코드번호 CODE ID. NO.	
			개정(REV.)	000

SHEET 1 OF 1
용이기술-004(841×594)