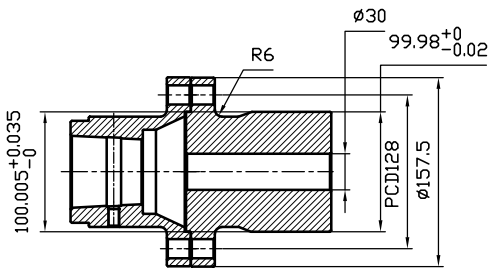
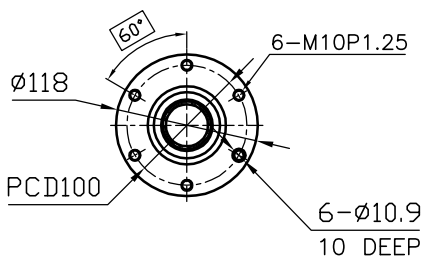
DWG.NO. 050000A~F-114DCH 000 (REV.)

개정번호 REV.No	부 호 SYM.	내 용 DESCRIPTION	위 치 POSITION	채용서번호 ADOPTION SHEET NO.	일 자 DATE	수 정 REV'D	검 도 CHECKED		승 인 APP'D

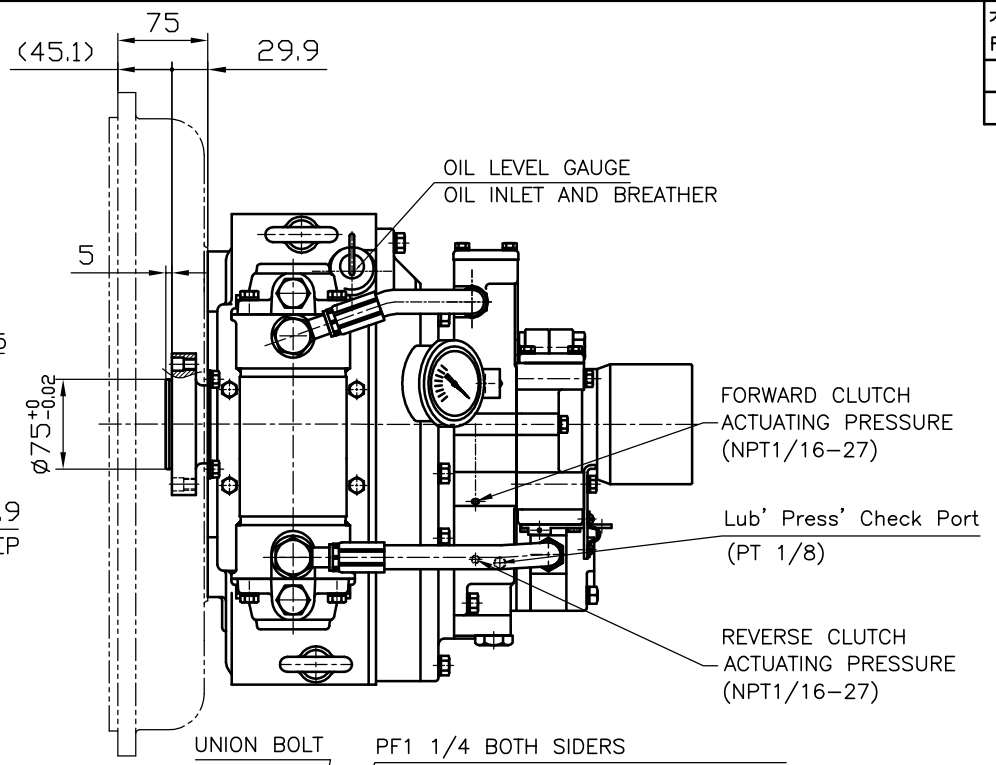
DMT 50A MARINE GEAR SPECIFICATION		
GEAR RATIO	1.61, 2.06, 2.45, 2.82, 3.12, 3.46	
TOTAL WEIGHT	APPROX. 143 kg(DRY)	
OIL CAPACITY	APPROX. 3L	
OIL VISCOSITY	SAE # 30	
OIL PRESSURE	1.96 ~ 2.54 MPa	CLUTCH OIL
DIRECTION OF ROTATION IN FORWARD	INPUT	C.C.W VIEWED FROM THE STERN
	OUTPUT	C.W VIEWED FROM THE 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 ~ 60L/min	
	TEMPERATURE OF COOLING WATER	MAX 32°C
OPERATING TORQUE OF SHIFTING LEVER		UNDER 2.94Nm

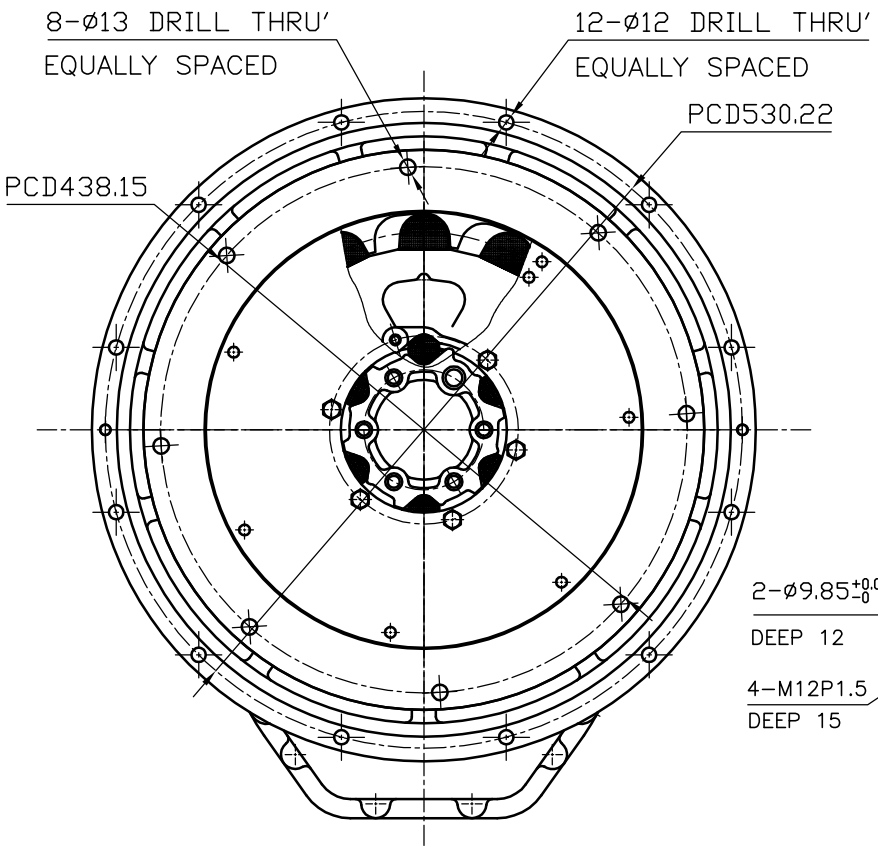


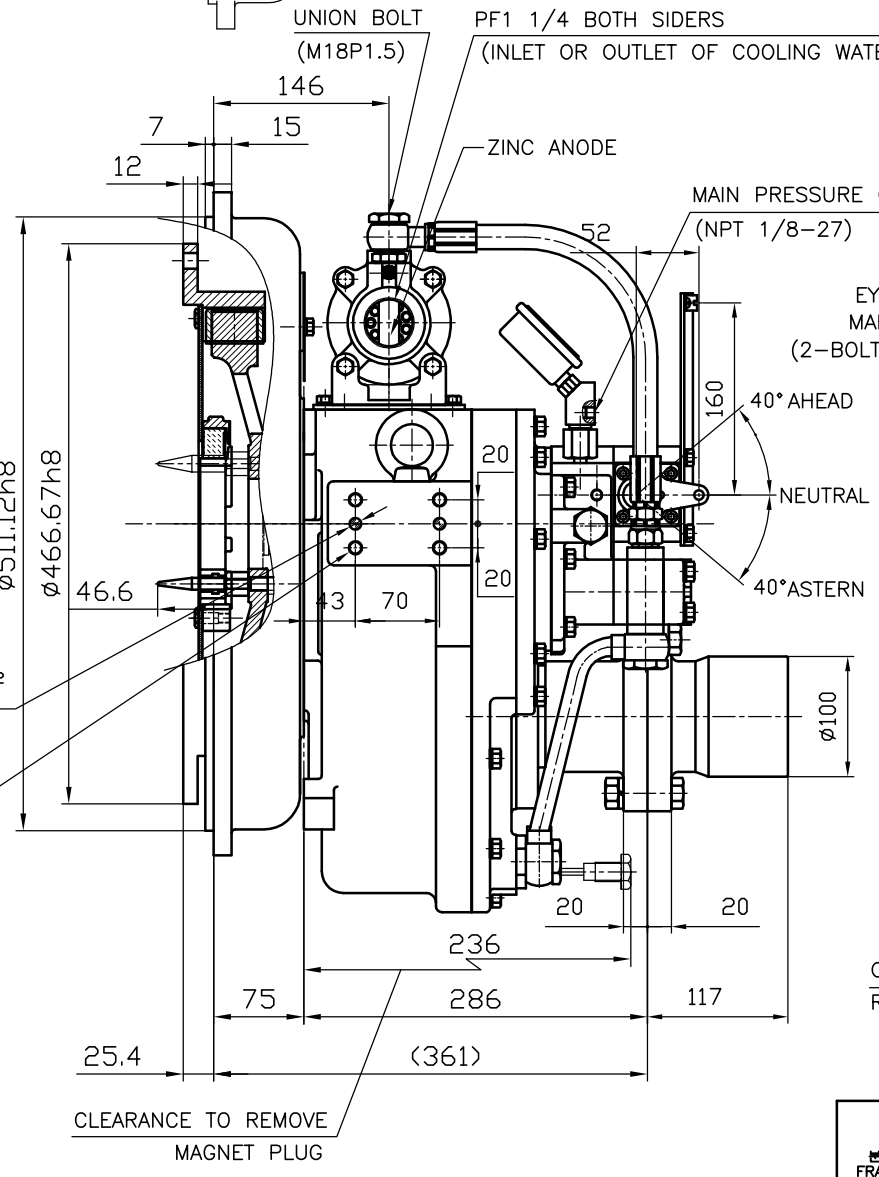
OUTPUT SHAFT COUPLING & PROPELLER COUPLING DIMENSION

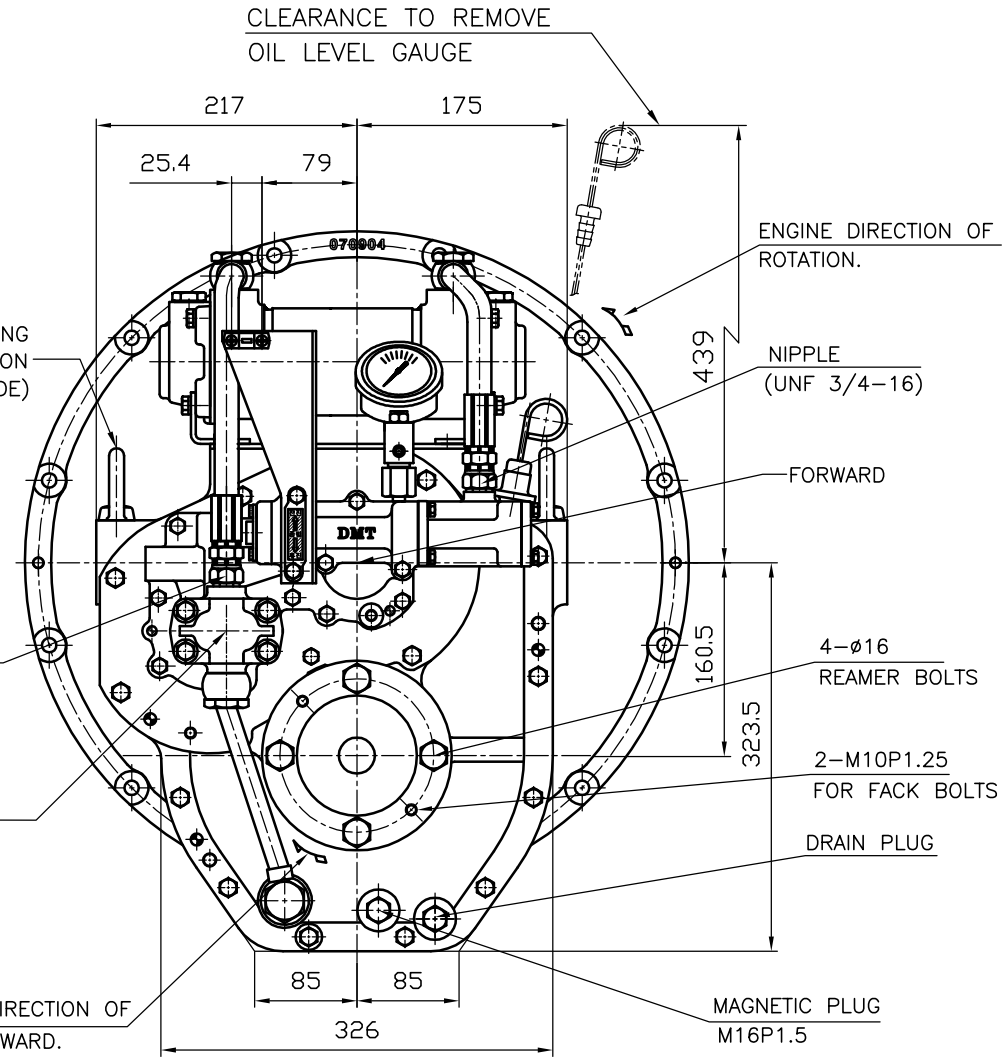


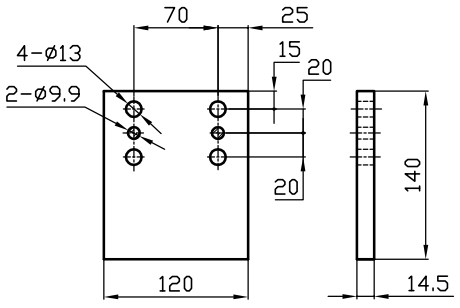
INPUT COUPLING DIMENSION











BRACKET DIMENSION

REMARK (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			
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	2017.05.24	척도 SCALE	N/S
승인 APPROVED BY	검도 CHECKED BY	제도 DRAWN	설계 DESIGNED
JK.Kim	TH.Cha	TW.Kim	

형식 TYPE	DMT50A	원도번 ORIGINAL DWG. NO.	
품명 NAME	MARINE TRANSMISSION		
도번 DWG. NO.	050000A~F-114DCH	개정(REV.)	000
크기 SIZE	A 3	코드번호 CODE ID. NO.	

D-I INDUSTRIAL

SHEET 1 OF 1
동이기술-004(841×594)