



FORWARD CLUTCH  
—ACTUATING PRESSURE  
PORT(PT 1/8)

—Lower Lubrication Pressure  
Check Port  
(PT 1/8-28)

DMT330DL MARINE TRANSMISSION SPECIFICATION			
GEAR RATIO	2.61, 3.10, 3.56, 4.13, 4.59		
TOTAL WEIGHT	APPROX. 768 Kg(DRY)		
OIL CAPACITY	APPROX. 17.5 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 ~ 120L/m		MAX 32°C
	TEMPERATURE OF COOLING WATER		
OPERATING TORQUE OF SHIFTING LEVER	UNDER 2.94Nm		



12-Ø12 HOLE THRU'  
EQUALLY SPACED



PF2-11 BOTH SIDES  
(INLET OR OUTLET OF COOLING WATER)

MAIN PRESSURE GAUGE PORT  
(NPT 1/8-27)

REVERSE CLUTCH  
ACTUATING PRESSURE  
PORT(PT 1/8)

HEAD

NEUTRAL

NIPPLE —  
26P1.5, Ø18)

ENCY BOLT —  
ON(REVERSE)

REVERSE—

DRAIN FLANGE  
PT1/2-14



— NIPPLE  
(M26P1.5, Ø18)

— EYEBOLT FOR LIFTING  
MARINE TRANSMISSION  
(2-BOLTS ONE EACH

—FORWARD

— OIL LEVEL GAUGE

— EMERGENCY BOLT  
LOCATION(FORWARD)

REAMER BOLTS  
3 - M10D1.75


FOR JACK BOLTS

— COIT OF SHAFT DIRECTION OF  
ROTATION IN FORWARD

\_\_\_\_ MAGNET PLUG  
M16P1.5



REMARK

2-Ø11.9 

1.HOUSING : SAE# 1

2.DRIVING RING : SAE 14" BRACKET

3.COULING TYPE

-CENTA Flex Coupling : 77268801




BOTH SIDES	19.7±0.2	19.7±0.2
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2-13



2.

공통공차 TOLERANCE ON					품 PART NO. 번		품 PART NAME 명		개수 Q'TY		재질 MATERIAL		구경 SIZE		비고 REMARKS				
분수 FRACTIONS		소수 DECIMALS		각도 ANGLES	재 MATERIAL					형식 TYPE		DMT330DL		원도 번호 ORIGINAL DWG. NO.					
± — — — — —		± — — — — —		± — — — — —	 작성 DATE 2018.06.08 척도 SCALE 1/1					승인 APPROVED BY		검토 CHECKED BY		작성 DRAWN TW. KIM		도 번호 DWG. NO. 33000GDLA~E-114CFR		개량(RE) 000	
일 구 분 조 공 차 공 차										품 명 NAME		MARINE TRANSMISSION							
1 호차 4 미하 ± 0.3 ± 0.1 ± 0.05												도 DWG. NO.							
4 16 ± 0.5 ± 0.2 ± 0.07												크 기 SIZE							
16 63 ± 0.7 ± 0.3 ± 0.1												코 드 번호 CODE ID. NO.							
63 250 ± 1.2 ± 0.5 ± 0.2												A 0							
250 1000 ± 2.0 ± 0.8 ± 0.3												D-I INDUSTRIAL							