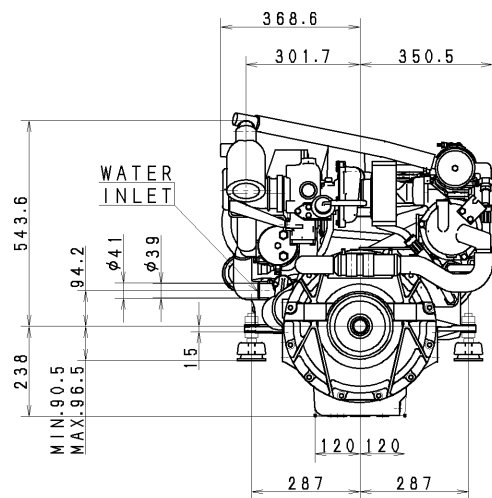


☒ 面 来 歴
CAREER

(4. Apr. '02)
ADD 4LHA-STZP AND CHANGE
THE DRAWING CODE

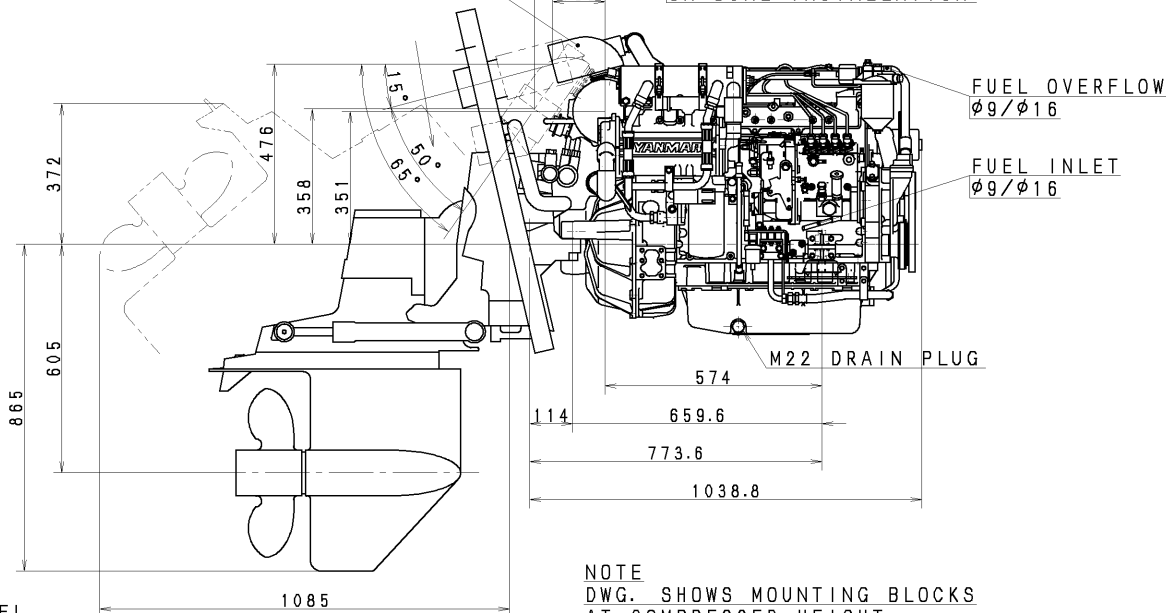


MIXING ELBOW
:V-BAND TYPE AT EXHAUST INLET.
:ALLOWABLE INSTALLATION ANGLE
WITHIN 3°.

POWER STEERING
CYLINDER STROKE
MAX.562

WATER INLET $\phi 33$ MOUNTING BLOCK

POWER STEERING CYLINDER
(PORT OR STARBOARD ENGINE)
ON DUAL INSTALLATION.



NOTE
DWG. SHOWS MOUNTING BLOCKS
AT COMPRESSED HEIGHT.
(COMPRESSED BY APPROX. 3MM)

- NOTE:
- INNER AND OUTER TRANSON SURFACE MUST BE PARALLEL WITHIN 3mm IN AREA OF COVERED BY TRANSON PLATES AND REMAIN WITHIN TRANSON THICKNESS LIMITS.
 - DWG. SHOWS MOUNTING BLOCKS AT COMPRESSED HEIGHT. (COMPRESSED BY APPROX. 3MM)
 - AREA COVERED BY GIMBAL HOUSING ASSEMBLY MUST BE FLAT TO WITHIN 1.6mm
 - AREA COVERED BY INNER TRANSON PLATE MUST BE FLAT TO WITHIN 3.2mm.
 - TRANSON ANGLE : 13° to 16°
 - DWG. SHOWS MOUNTING BLOCKS AT COMPRESSED HEIGHT. (FRONT:COMPRESSED BY APPROX. 3MM REAR:COMPRESSED BY APPROX. 0.6MM)

SPECIFICATIONS		
MODEL	4LHA-STZE	4LHA-STZP
CONT. RAITING OUTPUT (FLYWHEEL OUTPUT)	kW/rpm	140/3100
	HP/rpm	190/3100
MAX OUTPUT (FLYWHEEL OUTPUT)	kW/rpm	169/3300 177/3300
	HP/rpm	230/3300 240/3300
DRY WEIGHT (EXCEPT DRIVE, TRANSON)	kg (lb)	APPROX. 385 (849)
REDUCTION RATIO (BRAVO 2)		1.50 1.65 1.81 2.00 2.20
DIRECTION OF PROP. SHAFT ROTATION		COUNTER-CLOCKWISE

主 席 DESIGNED T. Nakamura	長 SEC. MANAGER DRAWN S. Nakamura	機 種 MODEL 4LHA - STZE STZP	個 数 QTY. -	名 称 NAME 4LHA-STZE 4LHA-STZP X OUTLINE	尺 度 SCALE 1 : 10	材 質 MATERIAL -	工 務 課 G. MANAGER	技 術 課 MANAGER Yamashita
YANMAR DIESEL ENGINE CO., LTD. POWER SYSTEM OPERATIONS DIV.			DATE 2002 4. 5	CODE B2-19175-0381				