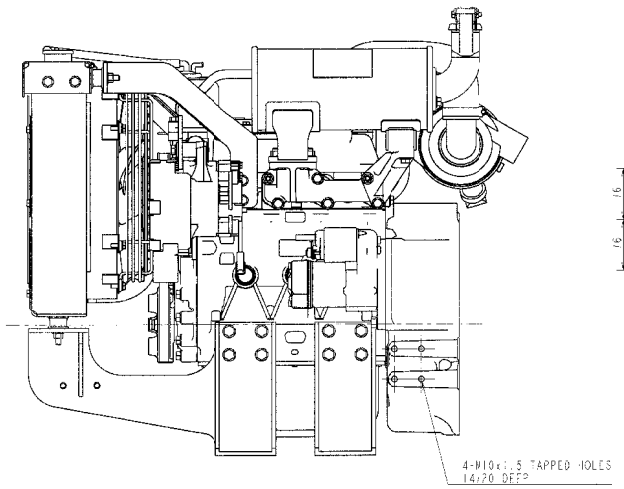

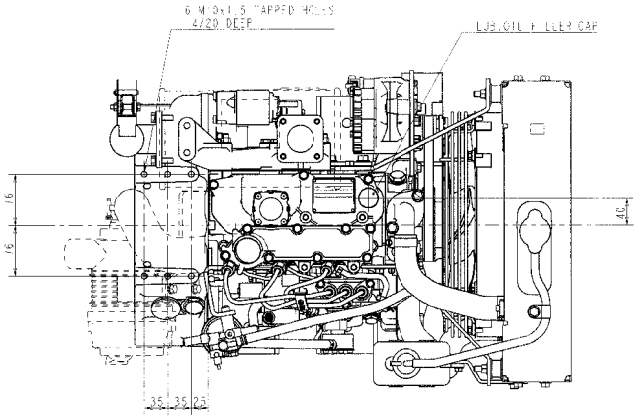

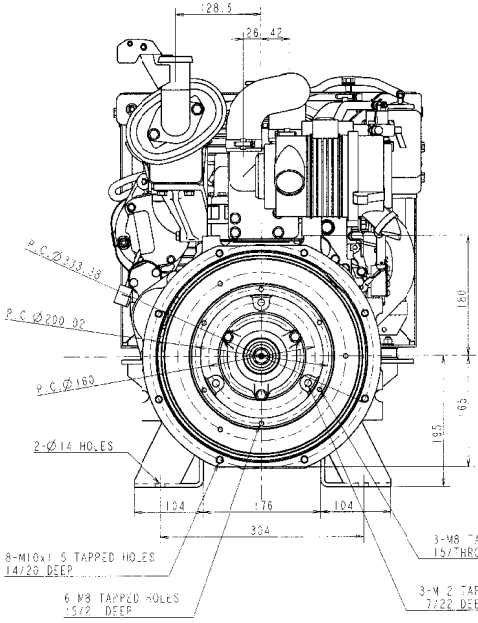

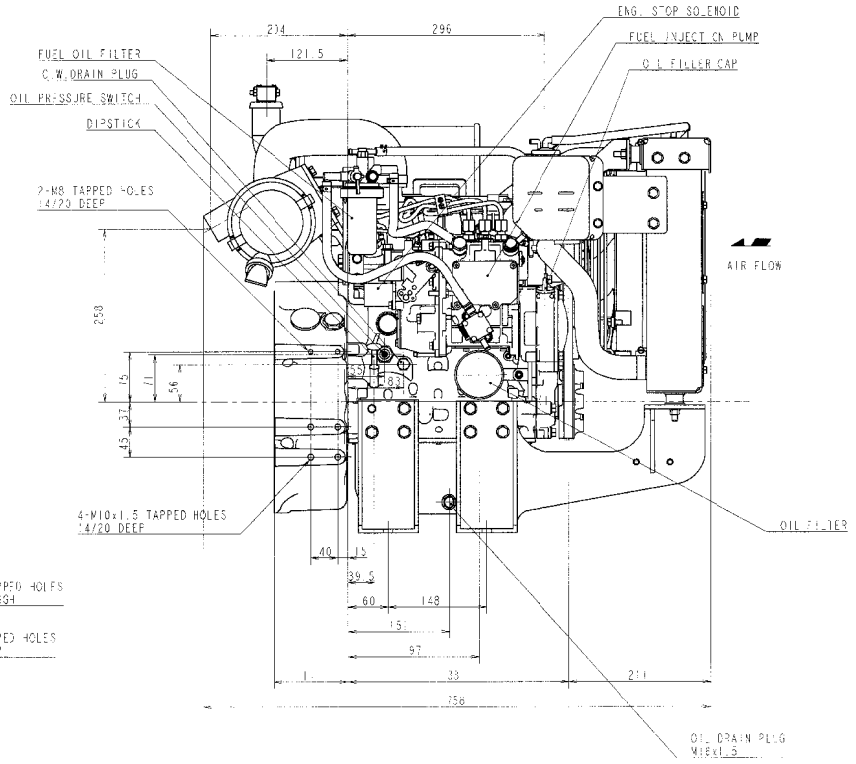

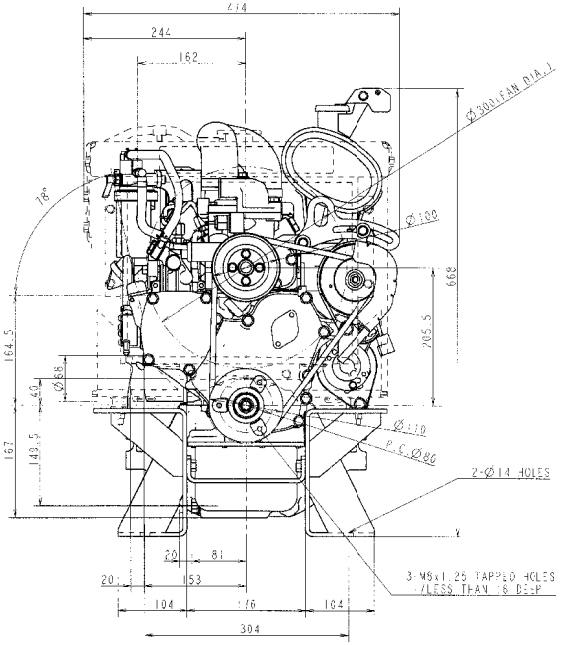

NO.	FINISHING SPECIFICATION	RESULT FOR APPROVAL	OIL VERY DRAWING	INSPECTING STANDARD	QC-PROCESS		

3RD ANGLE PROJECTION

S.ENGINEER	MANAGER	CHECKED	SPECIALIST
DESIGNED	DRAWN	DATE	NAME
M.Nakamoto	T.Ishiguro	2008.5.30	

WEIGHT (RAW)	kg
WEIGHT (CALC.)	kg
STAN. MODEL 4TNV88-XC	SCALE 1/4
MATERIAL	

QC MANAGER	S.MANAGER

YANMAR
POWER SYSTEM OPERATIONS DIV., YANMAR CO., LTD.

CODE 83-19 25-0050 A1

OJT_VE

3D-CAD

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NEED	○		PURCHASING SPECIFICATION		REQUEST FOR APPROVAL		DELIVERY DRAWING		INSPECTING STANDARD		QC-PROCESS

FILE NAME:Z3-19123-0050.DRW

3RD ANGLE PROJECTION

CAREER

GEN. TOL. 一般公差	DRAFT ANG.	鋳造抜き勾配	OUTSIDE	INSIDE	CAST WALL THICK 鋳造肉厚	NOMINAL DIM	5 TO	10 TO	18 TO	30 TO
			2/100	3/100		D VISION	5 MAX	± 10	± 18	± 30	± 50
			3/100			SANDMOLD	±1.0	±1.5	±2.0	±3.0	±3.5
						SHELL	±0.8	±1.0	±1.5	±2.0	±2.0

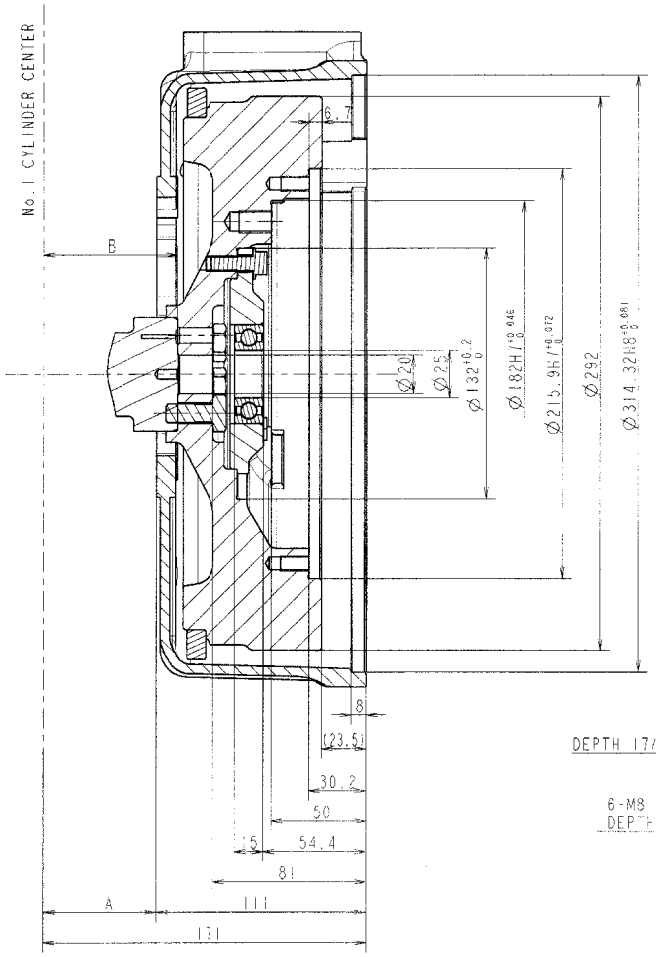
L. CAST 鋳造長さ	120 MAX	120 TO 250	250 TO 400	400 TO 800	800 TO 1600	1600 TO 3150
	± 1.5	±2.0	±3.0	±4.0	±5.5	±7.0
	± 1.0	±1.5	±2.0	±3.0	±4.0	±6.0

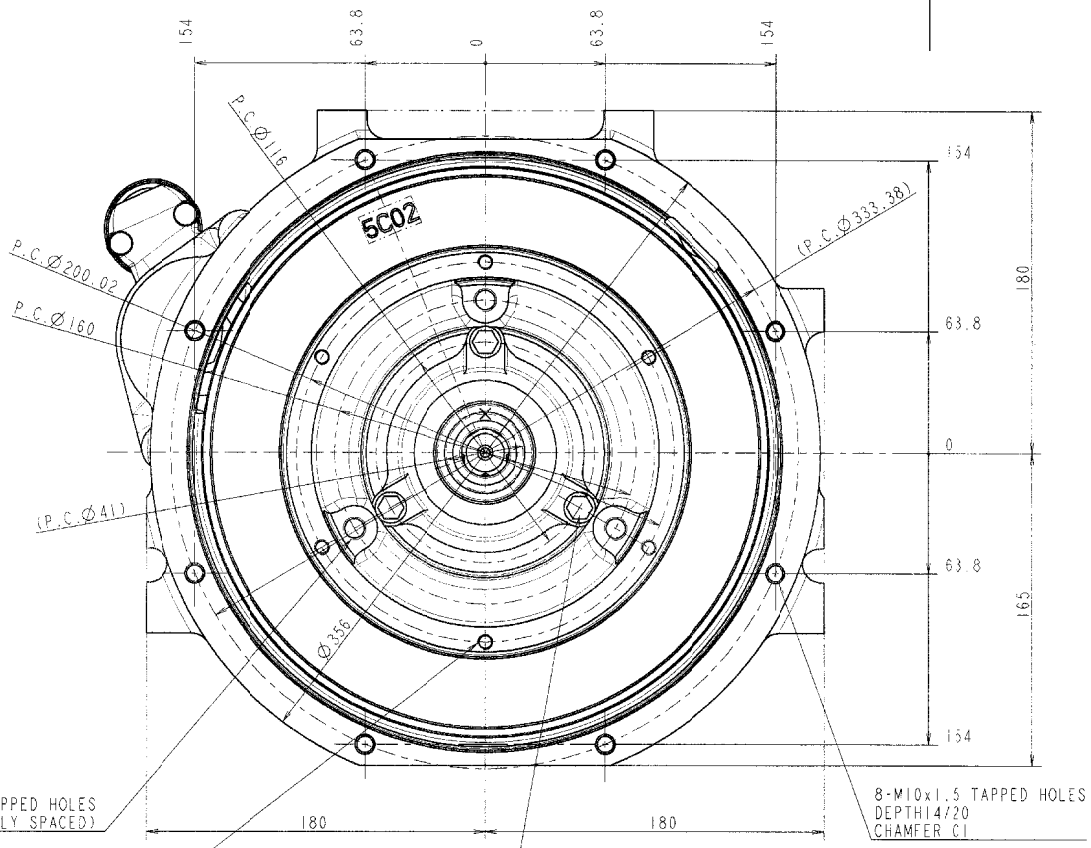
L. CHIP 削り	0.5 TO 6	±0.1	400 TO 1000	±0.8
	6 TO 30	±0.2	1000 TO 2000	± 1.2
	30 TO 120	±0.3	2000 TO 4000	±2.0
	120 TO 400	±0.5		

ANG. CHIP 削り		10 MAX	±1DEG.
	10 TO 50		±30MIN
	50 TO 100		±20MIN
	20 TO 400		±10MIN
	400 MIN		± 5MIN

FIGURE D MENSION | GT. CODE

○ AND ⌭ : RADIAL





MODEL	DIMENSION A	DIMENSION B	FW.HOUSING	FLYWHEEL CMP	FLYWHEEL	BEARING RETAINER
3TNM68	66	71	119128-01600	119128-21591	119128-21401	119888-21450
3TNM72	63	74	↑	↑	↑	↑

WEIGHT (RAW)	kg (± %)
WEIGHT (CA.C.)	47.853kg (± %)

S.ENGINEER	MANAGER	MODEL	3TNM 68	3TNM 72	SCALE 1:2
CHECKED	SPECIALIST	QTY	1	1	MATERIAL

DESIGNED	DRAWN	DATE:Y.M.D	NAME
M.takamoto	M. Wakizaka	2007.11.14	DETAIL OF COUPLING

C.MANAGER	S.MANAGER

YANMAR

POWER SYSTEM OPERATIONS DIV., YANMAR CO., LTD.

CODE Z3-19128-0050 rev. DRAW SIZE A2

Conform to the Yanmar standard YIS V-0001J concerning "Use limitation of the environmental burden material" for the use of the environmental burden material of this part.

本部品の環境負荷物質の使用制限については、YIS V-0001J(環境負荷物質の使用制限)を満足すること。

3D-CAD

NOTICE

GEOMETRICAL TOLERANCE

KIND OF TOLERANCE	SYMBOL
STRAIGHTNESS TOLERANCE	—
CIRCULARITY TOLERANCE	○
PROFILE OF LINE TOLERANCE	⌒
FLATNESS TOLERANCE	▱
CYLINDRICITY TOLERANCE	⌭
PROFILE OF SURFACE TOLERANCE	⌓
PARALLELISM TOLERANCE	//
PERPENDICULARITY (RIGHT ANGLE)	⊥
ANGULARITY TOLERANCE	∠
POSITIONAL TOLERANCE	⌖
CONCENTRICITY OR COAXIALITY TOLERANCE	◎
SYMMETRY TOLERANCE	⌯
CIRCULAR RUN-OUT TOLERANCE	↗
TOTAL RUN-OUT TOLERANCE	⌰

FORM / ORIENTATION / LOCATION / RUN-OUT

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