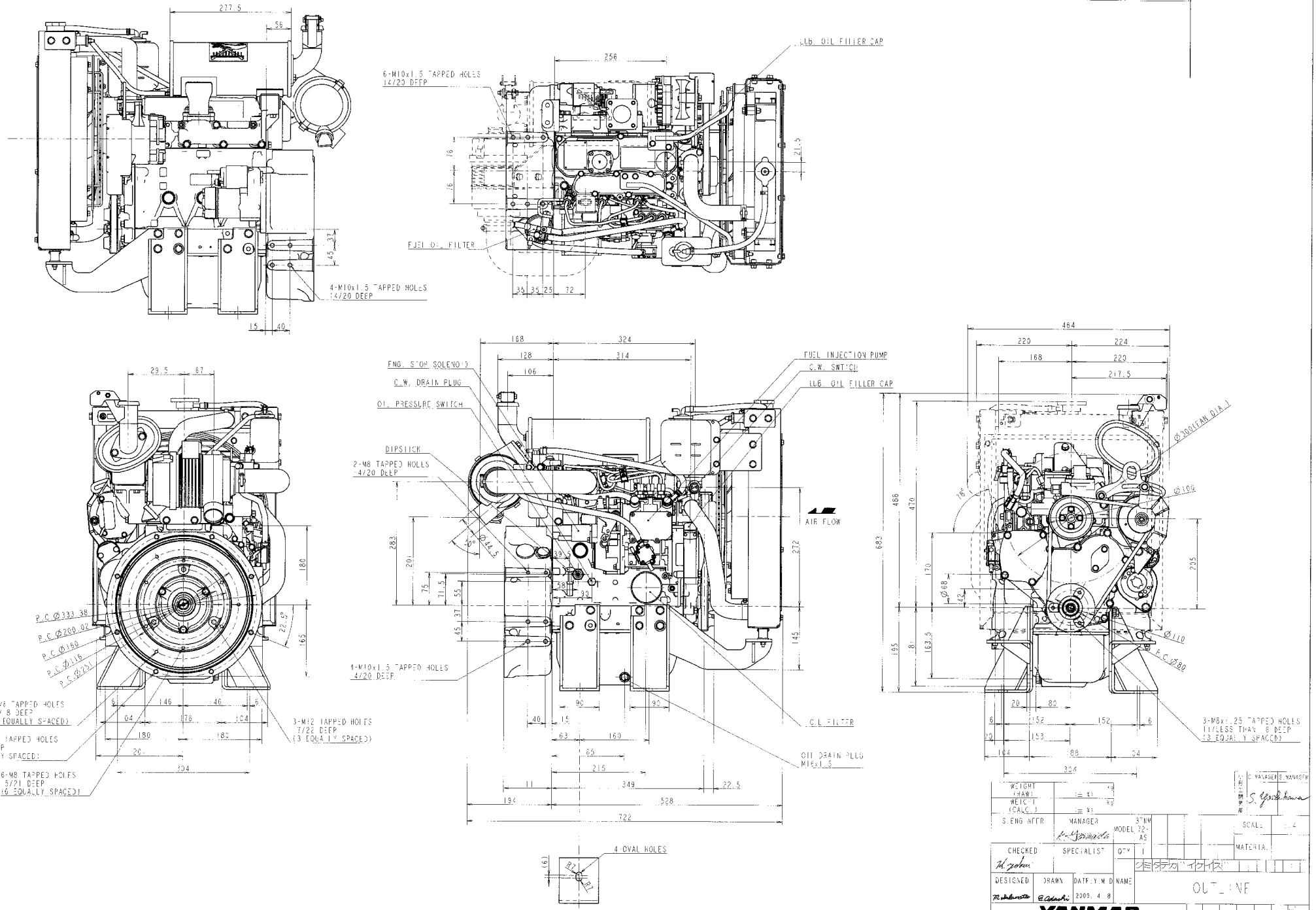

NEED | PURCHASING SPECIFICATION | REQUEST FOR APPROVAL | DELIVERY DRAWING | INSPECTING STANDARD | CO-PROCESS

FILE NAME 3TNM72-AS.DRW

3RD ANGLE PROJECTION

F.SURE DIMENSION | GT CODE | ○ AND ▽ RAD A

CARTER

3D-CAD

WEIGHT (DRAWN)	
WEIGHT (CALC.)	
S.ENG MGR	MANAGER
CHECKED	SPECIALIST
DESIGNED	DRAWN
DATE Y.M.D	2009. 4. 8
G.MANAGER'S MANAGER	S. Yoshikawa
MODEL 3TNM 72-AS	
SCALE	1/4
MATERIAL	
QTY	1
NAME	OUTLINE
CODE	B3-9025-0050
USAN SIZE	A1

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

With respect to the use of environmentally hazardous substances for the parts, the substance in use shall conform to the requirements specified in YES-0001. Restrictions to use for Environmentally Hazardous Substances.

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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
			2/100	3/100	
			3/100		

	NOMINAL DIM	5 TO	10 TO	18 TO	30 TO
鋳造肉厚	D VISION	5 MAX	= 10	= 18	= 30	= 50
	SANDMOLD	±1.0	±1.5	±2.0	±3.0	±3.5
	SHELL	±0.8	±1.0	±1.5	±2.0	±2.0

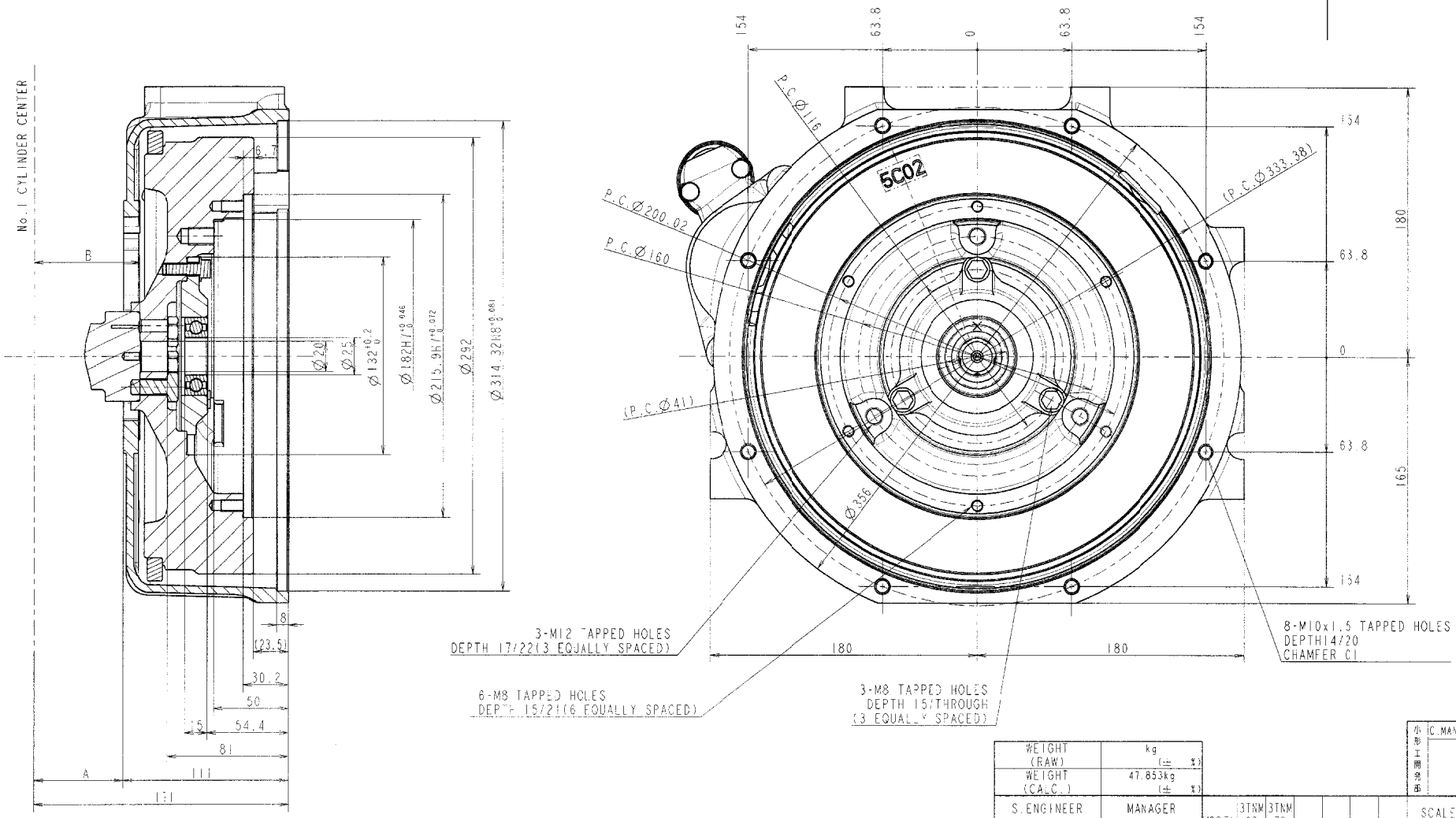
L. CAST 鋳造長さ	120 MAX	120 TO = 250	250 TO = 400	400 TO = 800	800 TO = 1600	1600 TO = 3150
	± 1.5	±2.0	±3.0	±4.0	±5.5	±7.0
	± 1.0	±1.5	±2.0	±3.0	±4.0	±6.0

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 傾斜削り		
	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 (CAL.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

本図面の開示情報の使用に関しては、YIS V-0001J(実施許諾情報)を満足すること。
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.

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 (SQUARENESS)	⊥
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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