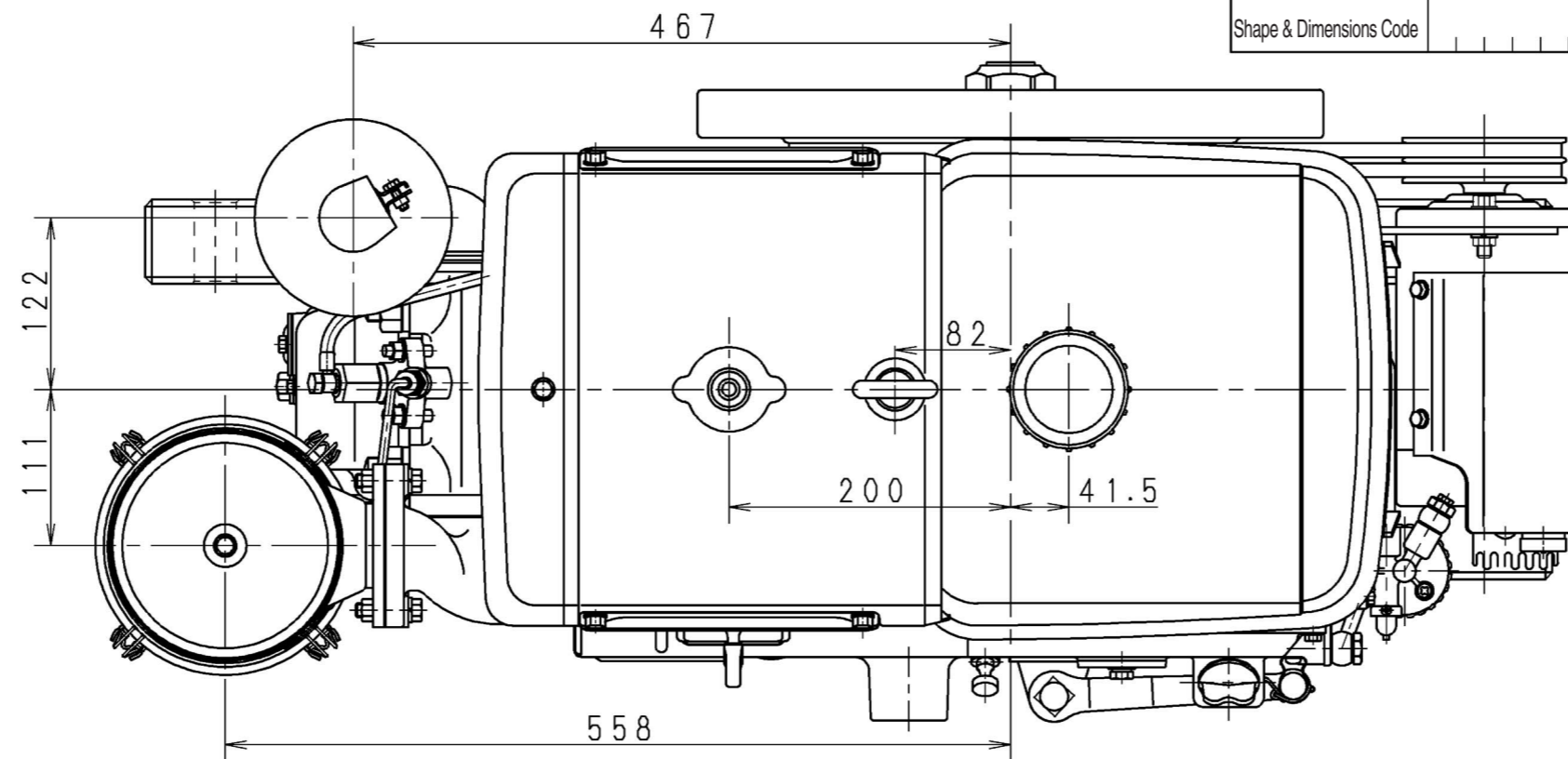


DETAIL OF ENGINE MOUNTING SURFACE
VIEW FROM BOTTOM SIDE



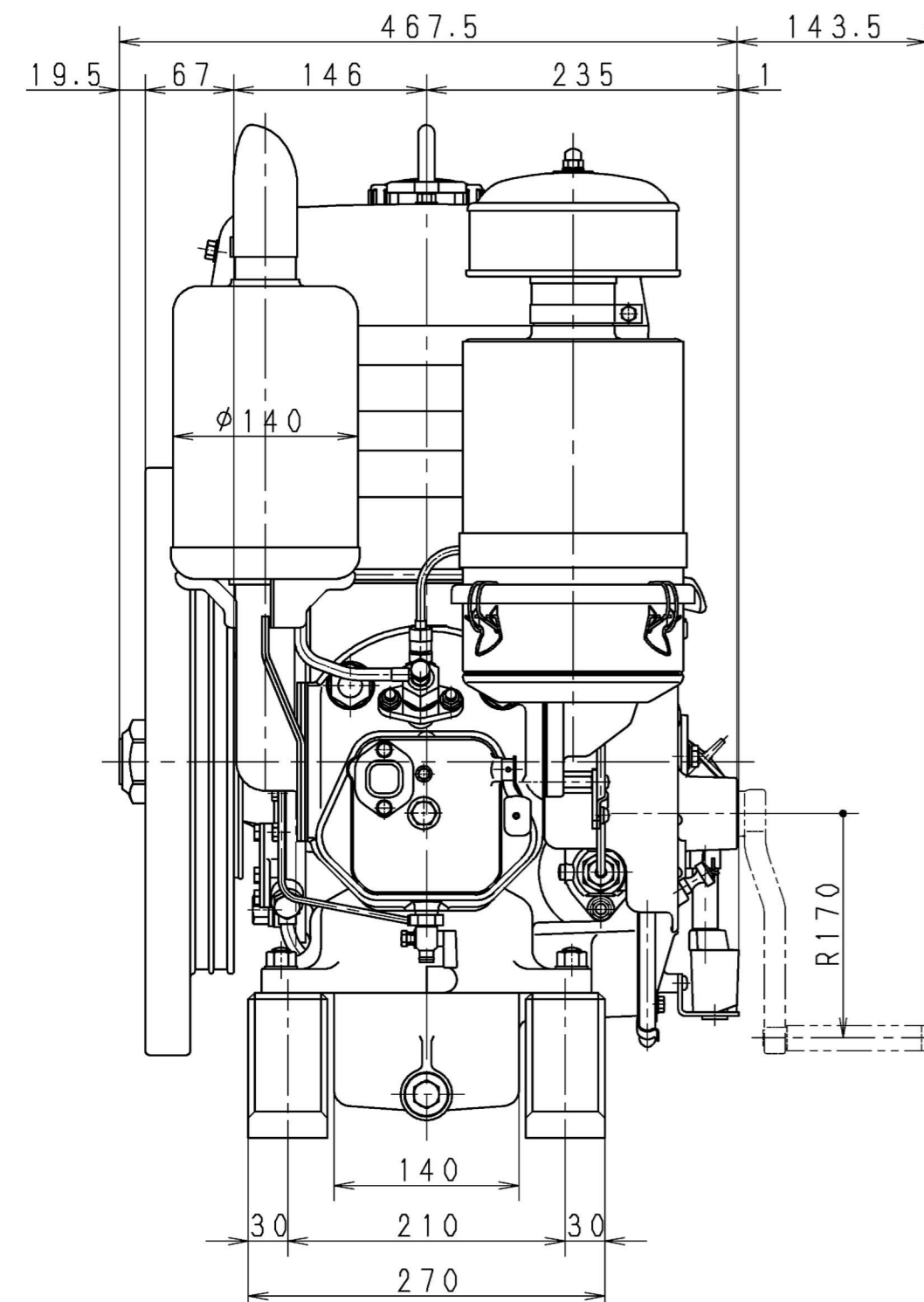
Shape & Dimensions Code

G.T.CODE M

Circularity and cylindricity are obtained from the radius measurement method

CAREER

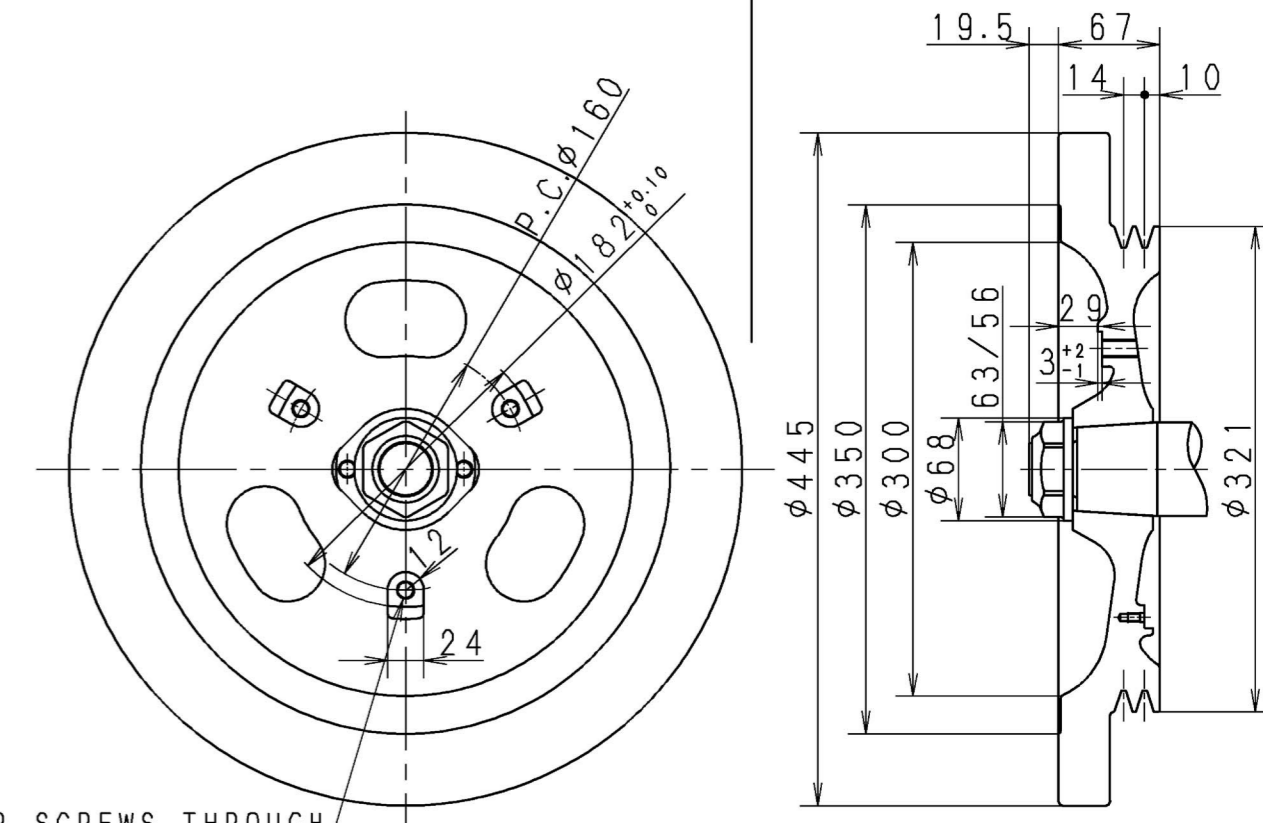
(00. 11. 17) Newly compiled as general specifications.



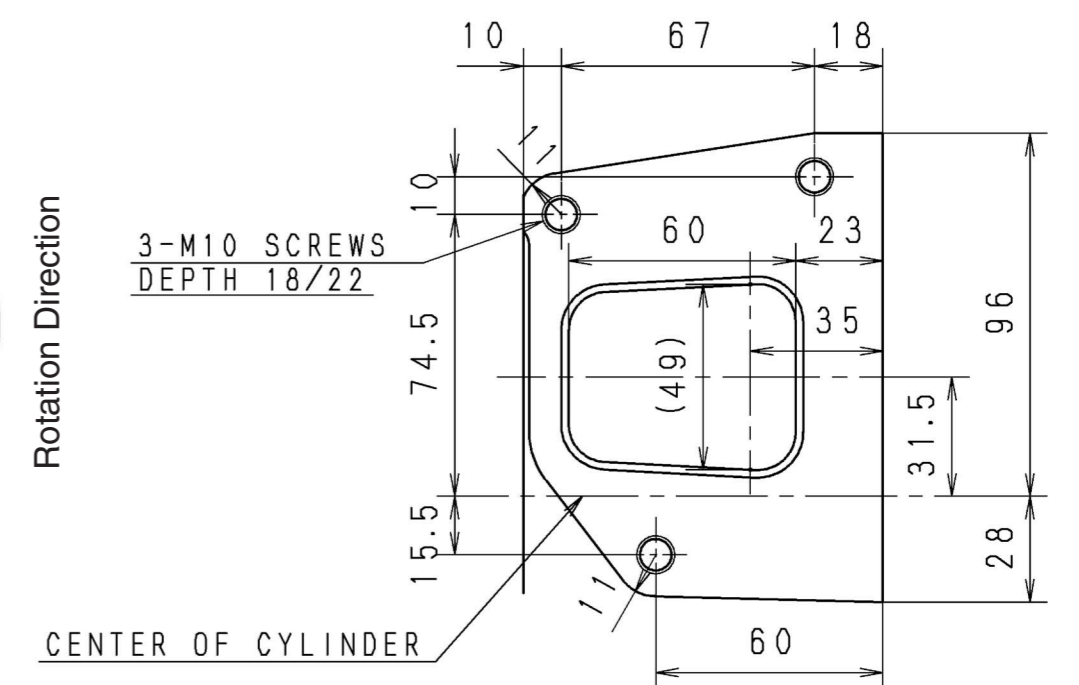
382
TO CENTER OF CRANK SHAFT

4-M10 SCREWS
DEPTH 18/22

DETAIL OF EXHAUST PIPE SEAT (SCALE 1/2)



DETAIL OF FLYWHEEL



DETAIL OF SUCTION PIPE SEAT (SCALE 1/2)

φ4-14 HOLES
M14 ENGINE FOUNDATION BOLT

WEIGHT (RAW)	(± %)	HYDRAULIC TEST	MPa	G. MANAGER	MANAGER
WEIGHT (Precision %)	(± %)	PNEUMATIC TEST	MPa	Small Engine Development Dept.	
Supervisor	SEC. MANAGER	MODEL	TS 230 R-E	SCALE	1/5 (1/2)
CHECKED	SPECIALIST	QTY.	7	MATERIAL	
DESIGNED	DRAWN	DATE	2000 11.17	NAME TS230R-E Outline of Assembly	
			OUTLINE		
YANMAR CO., LTD.			CODE	B2-05991-0390	Drawing Size A2 (C)
POWER SYSTEM OPERATIONS DIV.					

A

B

C

D

E

3

4

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

Important Check Points	
Precision Type & Symbol	
Type	Symbol
Straightness	—
Circularity	○
Line Profile	—
Flatness	—
Cylindricity	—
Surface Profile	—
Orientation Tolerance	
Parallelism	—
Perpendicularity	—
Angularity	—
Position	—
Concentricity	—
Symmetry	—
Form Tolerance	
Circular Runout	—
Total Runout	—