Yes			Procurement Specifications			Inspection Standards		Quality Control Drawing		Specially Controlled Parts		Stably Controlled Parts during Initial Batch Production Period

General Tolerance Length (Cutting) (mm)									General Tolerance Angle (Cutting)			
	Above 1	Below 4	±0.1	Above 250	Below 1000	±0.8		Below 10	±1°
	Above 4	Below 16	±0.2	Above 1000	Below 2000	±1.2		Above 10	Below 50	±30′
	Above 16	Below 63	±0.3	Above 2000	Below 4000	±2.0		Above 50	Below 120	±20′
	Above 63	Below 250	±0.5					Above 120		±10′

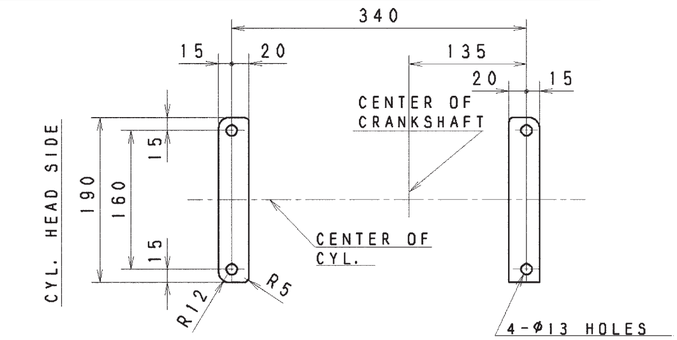
Shape & Dimensions Code	G.T.CODE M

Circularity and cylindricity are obtained from the radius measurement method

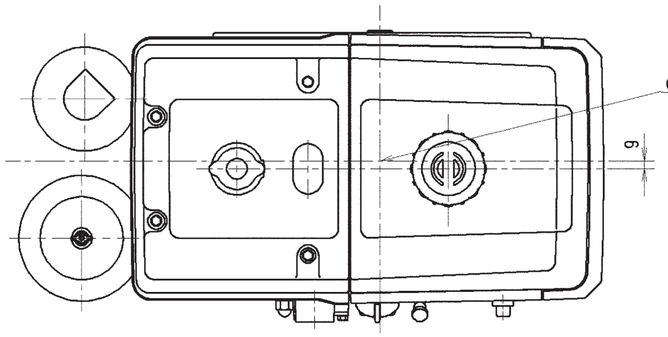
3RD ANGLE PROJECTION

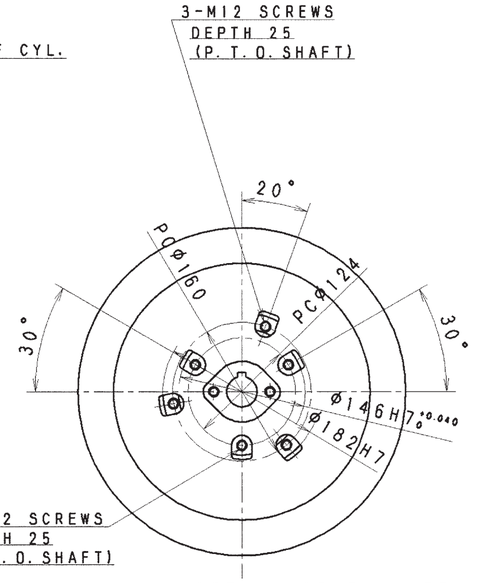
CAREER

('97.10.28) Newly compiled as M/C specifications.

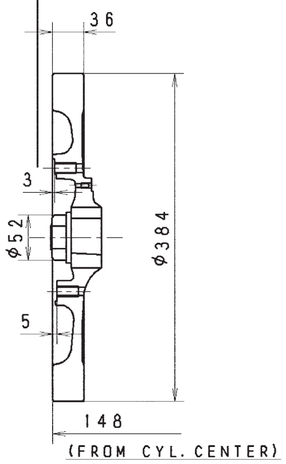


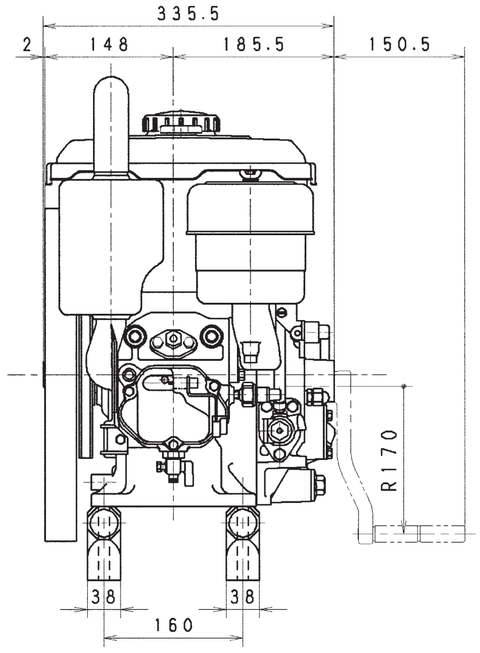
DETAIL OF ENGINE MOUNTING FOOT

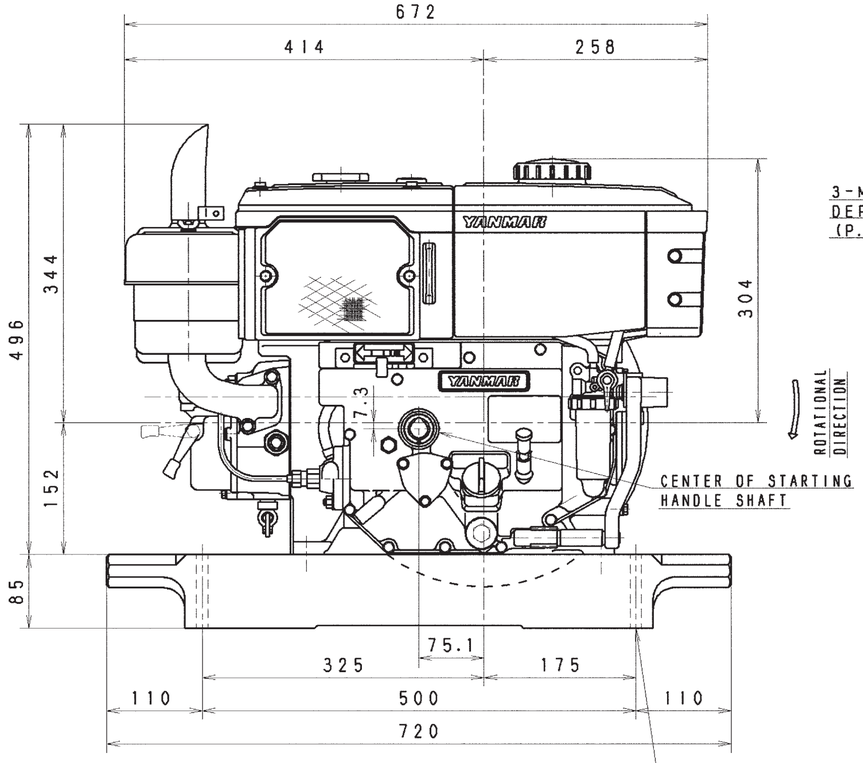


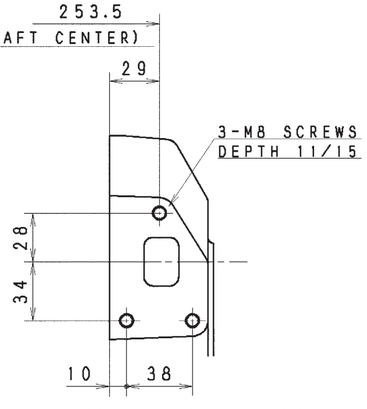


DETAIL OF FLYWHEEL

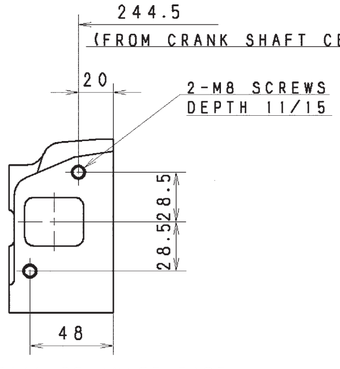








DETAIL OF EXHAUST PIPE SEAT (S:1/2.5)



DETAIL OF INLET PIPE SEAT (S:1/2.5)

Important Check Points	
Precision Type & Symbol	
Type	Symbol
Form Tolerance: Straightness	—
Form Tolerance: Circularity	○
Form Tolerance: Line Profile	⌒
Form Tolerance: Flatness	▱
Form Tolerance: Cylindricity	⌭
Form Tolerance: Surface Profile	⌓
Orientation Tolerance: Parallelism	//
Orientation Tolerance: Perpendicularity	⊥
Orientation Tolerance: Angularity	∠
Position Tolerance: Position	⌖
Position Tolerance: Concentricity	◎
Position Tolerance: Symmetry	⌯
Runout Tolerance: Circular Runout	↗
Runout Tolerance: Total Runout Tolerance	⌰

WEIGHT (RAW)	(± %)	HYDRAULIC TEST	MPa (kg/cm²)	Engine Development Dept.	MANAGER / No.1 Chief of Technology
WEIGHT (Precision %)	(± %)	PNEUMATIC TEST	MPa (kg/cm²)		
SEC. MANAGER		MODEL	TF80-M / TF90-M	SCALE	1/5 (1/2.5)
CHECKED	SPECIALIST	QTY.	1 / 1	MATERIAL	—
DESIGNED	DRAWN / DATE 1997 10.20	NAME	TF80, 90-M Outline Drawing / TF80, 90-M Outline of Assembly / OUTLINE		

YANMAR DIESEL ENGINE CO., LTD.
ENGINE DEVELOPMENT DEPT.

CODE B2-05300-0055 Drawing Size A2 (C)