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

3RD ANGLE PROJECTION

GEN. TOL.	DRAFT ANG.	OUTSIDE	INSIDE
		2/100	3/100
		3/100	

CAST WALL THICK	NOMINAL DIA.	5 MAX	5 TO = 10	10 TO = 18	18 TO = 30	30 TO = 50
	DIVISION					
	SANDMOLD	±1.0	±1.5	±2.0	±3.0	±3.5
	SHELL	±0.8	±1.0	±1.5	±2.0	±2.0

L-CAST	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	±5.0	±7.0
	±1.0	±1.5	±2.0	±3.0	±4.0	±6.0

L-CHIP	0.5 TO = 6	6 TO = 30	30 TO =120	120 TO =400	ANG-CHIP	400 TO =1000	1000 TO =2000	2000 TO =4000
	±0.1	±0.2	±0.3	±0.5		±0.8	±1.2	±2.0

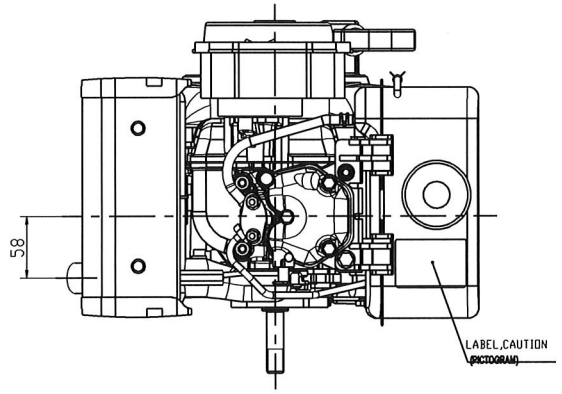
10 MAX	±1DEG.
10 TO = 50	±30MIN.
50 TO =120	±20MIN.
120 TO =400	±10MIN.
400 MIN	± 5MIN.

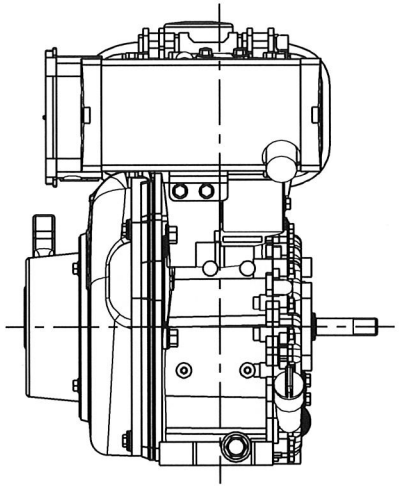
FIGURE DIMENSION

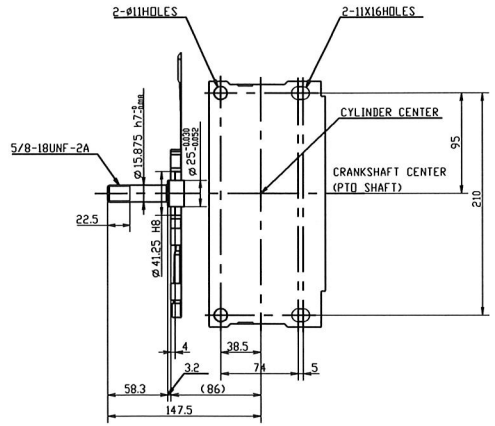
GT.CODE

○ AND ⊘ RADIAL

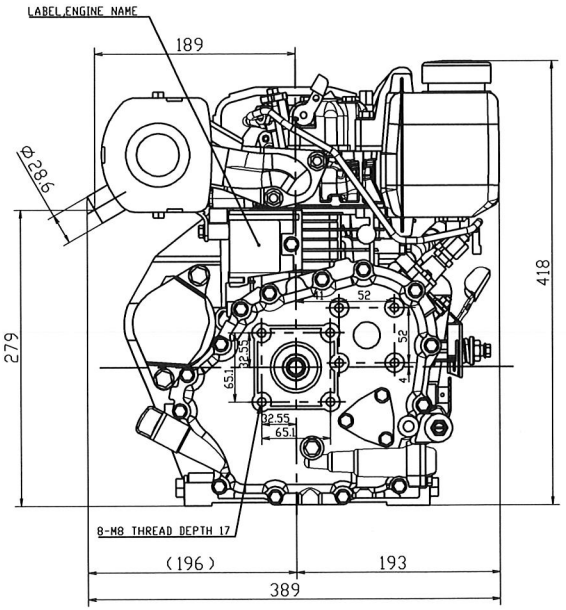
CAREER

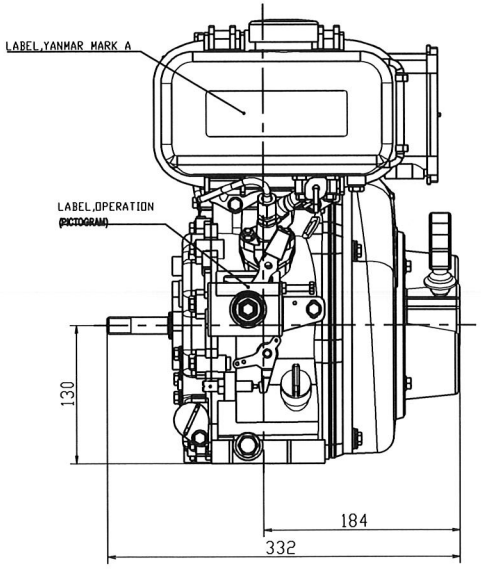


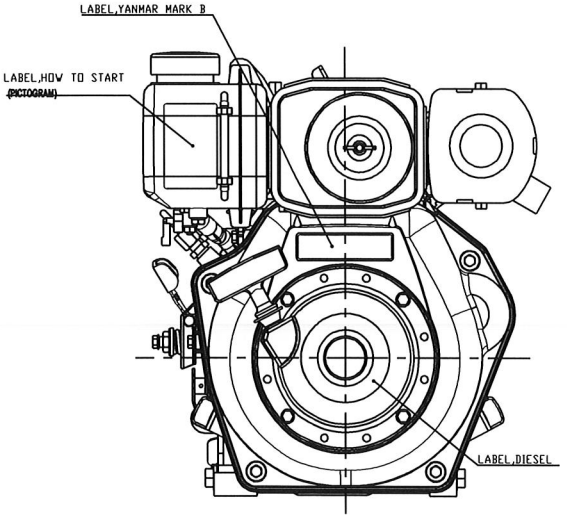




ENGINE MOUNTING PLATE AND PTO SHAFT
SEEN THROUGH FROM THE TOP OF THIS ENGINE







With respect to the use of environmentally hazardous substances in the products, the products are used within the requirement specified in YIE Y-00JJ, "Restrictions of use for Environmentally Hazardous Substances".

3D-CAD

NOTICE

FORM
GEOMETRICAL TOLERANCE
KIND OF TOLERANCE — SYMBOL
STRAIGHTNESS TOLERANCE
ROUNDNESS TOLERANCE
PROFILE OF LINE TOLERANCE
FLATNESS TOLERANCE
CYLINDRICITY TOLERANCE
PROFILE OF SURFACE TOLERANCE
ORIENTATION — PARALLELISM TOLERANCE
PERPENDICULARITY TOLERANCE
ANGULARITY TOLERANCE
LOCATION — POSITIONAL TOLERANCE
CONCENTRICITY OR COAXIALITY TOLERANCE
SYMMETRY TOLERANCE
RUN-OUT — CIRCULAR RUN-OUT TOLERANCE
TOTAL RUN-OUT TOLERANCE

WEIGHT (RAW.)	kg		
WEIGHT (CALC.)	kg		
S.ENGINEER	MANAGER	MODEL	
CHECKED	SPECIALIST	QTY	
DESIGNED	DRAWN	DATE:Y.M.D	NAME
R.Murakami	H.Ogawa	01 JUN. 2010	L48N5-PTM16YI OUTLINE

C.MANAGER	S.MANAGER

SCALE FREE

MATERIAL

OUTLINE

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

CODE B2-14720-0250

DRAW. SIZE A1