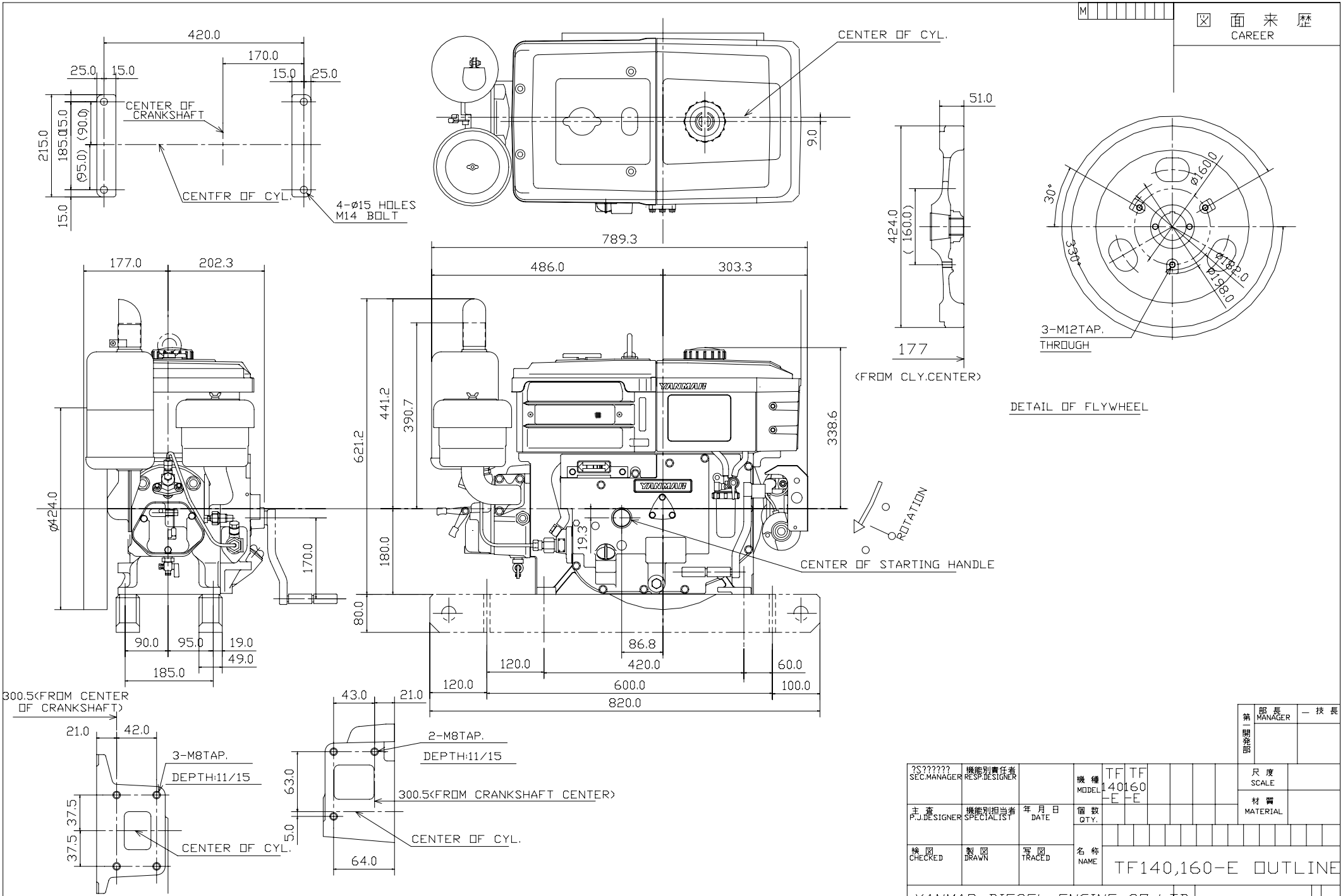
420.0
170.0
25.0
15.0
15.0
25.0
215.0
185.0
15.0
(95.0)
(90.0)
CENTER OF CRANKSHAFT
CENTFR OF CYL.
4-ø15 HOLES
M14 BOLT
15.0
CENTER OF CYL.
9.0
789.3
486.0
303.3
177.0
202.3
51.0
424.0
(160.0)
177
(FROM CLY.CENTER)
30°
330°
ø160.0
ø182.0
ø198.0
3-M12TAP.
THROUGH
DETAIL OF FLYWHEEL
441.2
390.7
621.2
338.6
ø424.0
180.0
170.0
19.3
80.0
ROTATION
CENTER OF STARTING HANDLE
90.0
95.0
19.0
49.0
185.0
86.8
120.0
420.0
60.0
120.0
600.0
100.0
820.0
300.5(FROM CENTER OF CRANKSHAFT)
21.0
42.0
3-M8TAP.
DEPTH:11/15
37.5
37.5
CENTER OF CYL.
DETAIL OF EXHAUST PIPE SEAT (1/2.5)
43.0
21.0
2-M8TAP.
DEPTH:11/15
63.0
300.5(FROM CRANKSHAFT CENTER)
5.0
CENTER OF CYL.
64.0
DETAIL OF INLET PIPE SEAT (S:1/2.5)
図面来歴
CAREER
M
第一開発部
部長 MANAGER
一技長
?S?????? SEC.MANAGER
機能別責任者 RESP.DESIGNER
機種 MODEL
TF140-E
TF160-E
尺度 SCALE
主査 P.J.DESIGNER
機能別担当者 SPECIALIST
年月日 DATE
個数 QTY.
材質 MATERIAL
検図 CHECKED
製図 DRAWN
写図 TRACED
名称 NAME
TF140,160-E OUTLINE
YANMAR DIESEL ENGINE CO.,LTD.
ENGINE DEVELOPMENT DEPT.1
CODE
B2-05700-0040
C