

93220351C

DRAWING NO.

WATER TEMP. SENSOR
(PT100)(SEE NOTE 4)

WATER PRESS S/W
(SEE NOTE 4)

PS

WATER FILTER
(CORROSION
RESISTOR)

AFTER COOLER (NTA ONLY)

WATER COOLED EXHAUST MANIFOLD

CYLINDER HEAD

CYLINDER BLOCK

L.O. COOLER

DRAIN

WATER PUMP

DRAIN

(ON: 40°C, OFF: 50°C)

COOLANT HEATER

ELECTRIC POWER SUPPLY

□ AC110V, 1ø, 60HZ, 2500 W

→ ■ AC220V, 1ø, 60HZ, 2500 W

□ AC440V, 1ø, 60HZ, 2500 W

AIR VENT
(0.5kg/cm²(49Kpa)
SETTING)

AIR VENT

"B"

THERMO
STAT

"A"

MAKE-UP LINE

RADIATOR

TOP

TANK

WATER LEVEL GAUGE
(SIGHT GLASS)

AIR FLOW

HISTORY OF DRAWING

SYMBOL	DATE	NOTE	SIGN

NOTE

1. WATER FLOW AT THERMOSTAT OUTLET.

FLOW	TEMPERATURE
"A"	BELOW 82°C
"A"&"B"	82 - 93°C
"B"	ABOVE 93°C

2. COOLING SYSTEM DATA

COOLING FAN AIR FLOW	11330 L/S
MAX AIR RESTRICTION ON DISCHARGE SIDE OF RADIATOR AND FAN	12.7mmH ₂ O
COOLANT CAPACITY(TOTAL)	NT855-D(M) 67 liter
	NTA855-D(M) 72 liter

3. THE INLET AIR DUCT OR OPENING TO THE
ENGINE ROOM SHOULD BE AT LEAST 1.5 TIMES
THE SIZE OF THE RADIATOR AIR DUCTING OR
OPENING.

4. SAFETY DEVICE

■ C.W HIGH TEMP.SENSOR SET AT 102°C FOR ALARM.

■ C.W LOW PRESS SWITCH SET AT 0.5kg/cm².
(0.49bar/49kpa/7.1psi) FOR ALARM.

REV	LOC	DATE	MADE	APPD	NOTE
MATERIAL		SCALE		CAD	MODEL
		N/S		WEIGHT	kg
				NT(A)855DM	
APPD				SIZE	NAME
CHKD				A3	COOLING WATER SYSTEM
DWN	H.T.AN	09.01.20	DRAWING NO		
stx Engine Co., Ltd				93220351C	00 REV

8

7

6

5

4

3

2

1