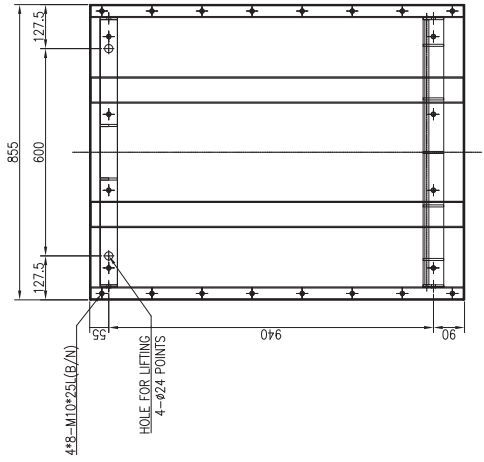
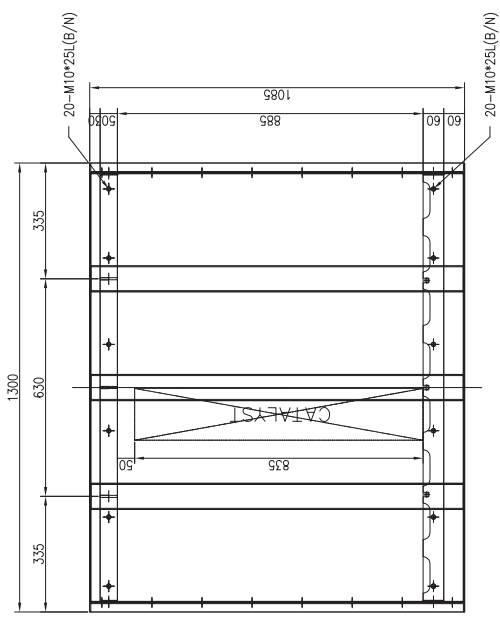
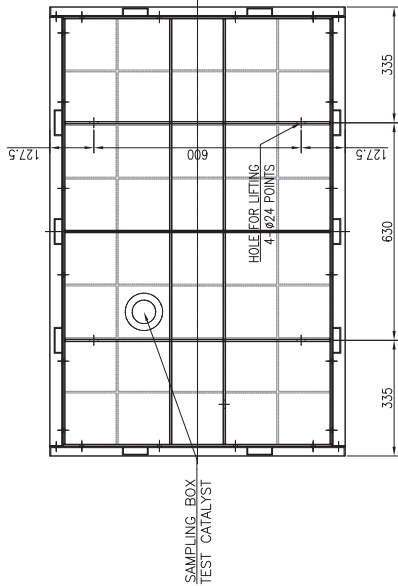


ENGINEERING SHEET		SHEET NO.		REV. 0
SUBJECT (항목)	DATA SHEET 및 성능곡선도	DATE (일자)	2021.12.19	
		●	FOR APPROVAL	
<h1>1. 축매</h1>				

## 촉매 Data Sheet

No.	구분	단위	사양	비고
1	Orientation	-	Vertical	
2	Catalyst Type	-	Honeycomb Type	압출성형
3	Catalyst Volume	m <sup>3</sup>	12	
4	Number of Catalyst layer per Reactor	ea	2	
5	Number of Modules per Layer	ea	8	
6	Number of Total modules per Reactor	ea	16	
7	Cells of Catalyst n × n	cell	40 x 40	
8	Specific Area of Catalyst Ap	m <sup>2</sup> /m <sup>3</sup>	910	
9	Catalyst Pitch	mm	3.7	
10	Catalyst Length	mm	835	
11	Catalyst Elements per One Module	n × n	8 x 5	
12	Module Dimensions(approxy)(W×L×H)	mm × mm	1,300(W) × 855(L) × 1,085(H)	
13	Reactor Dimensions(width×height)	m x m	3.35 × 2.7	
14	Weight per Module incl. Catalyst aproxy.	kg	600	
15	Module Frame material	-	Carbon Steel	
16	Catalyst material	-	TiO <sub>2</sub> base, V <sub>2</sub> O <sub>5</sub> , WO <sub>3</sub>	
17	Catalyst Compressive(Vertical)	kg/cm <sup>2</sup>	20 이상	
18	Catalyst Compressive(Horizontal)	kg/cm <sup>2</sup>	7 이상	
19	Temperature range of Operation	°C	185 ~ 420	

NO.	TITLE	MATERIAL	QTY	SIZE	REMARK
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MODULE DESIGN CONDITION	
MODULE DIMENSION	D855x W1300 x H1085
MODULE QTY	16 MODULE
MATERIALS	SPHC
SAMPLING BOX CATALYST	2 EA (1EA / MODULE) D150 x W150 x H835 - 40CELL
CATALYST QTY	5 x 8 = 40EA / MODULE

APPROVAL

NO.	REVISION		DATE	DRAWN	CHECK	APPROVE
	ORDER	PROJECT				
	DATE	21.07.22				에스도이엔지니어링 소사시
	DRAWN	D.Y.SEO				CATALYST MODULE
	DESIGN					
	CHECK					
	APPROVE					
	DWG. NO.	21MOD-RFQ-121-000				SCALE 1/15