Equipment Datasheet	Document No.	EDA01-BE-10 EDS-C-01
Compressor Datasheet	Design Stage	PDP
		eet 1 of 3
le Gas Compr C-101A/B	essor	
	le Gas Compr	Equipment Datasheet Compressor Datasheet She

1	ISSUED FOR REVIEW	YTT	ZX	YL	Apr-18-2022
0	ISSUED FOR REVIEW	YTT	ZX	YL	Mar-18-2022
REV.	DESCRIPTION	PREP'D	CHK'D	REV'D	DATE

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Data Institute of Chemical Physics, Chinese Academy of Sciences.Compressor DatasheetDesign StagePDPStheet 2 of 3Type of DriverMotorEquipment Tay NumberC-101A/BNumber of Equipment:2OperationRecycle Gas CompressorOperationCompression ConditionsClassCase-1Operation ScienceComposition: See Page 34O Flow Rate (1.013kPa&O°C) Nm3/h360.0I IC ConditionOperationNormalOperationNormalOperationNormalOperationNormalOperationNormalOperationComposition: See Page 3OperationComposition: See Page 3Operation
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中国科学院 大连化学物理研究所			Equipment Datasheet		Document No.	EDA01-BE-100 EDS-C-01			
Da	Dalian Institute of Chemical Physics, Chinese Academy of Sciences.		<b>Reciprocation Datasheet</b>		Design Stage	Design Stage PDP			
	Chinese Academy of Sciences.				Sheet 3 of 3				
Туре	ype Diaphragm			Equipment Name Recycle Gas Comp			as Compre	ssor	
	e of Driver	1	Motor		t Tag Number		101A/B		
	ber of Equip	mont	2	Operating					
Inull		mem.	2		Conditions(Cor	1			
1	Vapo	r Compo	osition		se-1	Case-2	Case-3	Note	
2	, upo	reempe	Mol.wt		01%	Vol%	Vol%	11000	
3	MEA		61.080		5E-14				
4	H2		2.016		618	0.999			
5	NH3		17.034		382				
6	EDA		60.100	3.1	7E-11				
7									
8									
9	■ N2		28.966			0.001	0.999		
10	Ar		39.948				0.001		
11	■ Water		18.015						
12									
13									
14	Total			1.000		1.000	1.000		
15	Average Molecula	r Weight		7	.75				
16	Notes:								
17									
18	1. The com	pressor s	hall be de	signed to ope	erate under all o	perating condtion	s described	1 above.	
19									
20 21	2. Material	of const	ruction(M	OC) and fina	l design conditi	ons to be determi	ned by mai	nufacture	
21									
22									
23									
25				Standard	and Specification	)n			
26	Compress	sor	AP		±	Sealing Oil Syster	n A	PI	
27	ISSUED F					<u> </u>			
	DESIGN	N			Ele	ectric	А	PI	
28	Press Ves		ASME		Instrument		See Spe	See Specification	
29	Gas Cool		ASME						
30	Oil Cool	er	ASM	IE			_		
31 32									
33									

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