<u> </u>			DOC. NUMBER:		RE	V PAGE
		SBW	0601-XS-2020-11-0176-V3-DS	H-E	<u>1</u>	
			OATA SHEETS FOR Stage Gas Compressor A02-C-1112/1122	·		
1	2022/1/12	ISSU	JE FOR PROPOSAL	ZHENG GS	QIZG	QIZG
0	2021/12/10	ISSU	JE FOR PROPOSAL	ZHENG GS	QIZG	QIZG
REV	DATE		DESCRIPTION	PREPARED	CHECKED	APPROVED

		D	DOC. NUMBER:						
	SH SH W		0601-XS-2020-11-0176-V3-DSH-E						
							-		
	CENTRIFUGAL AND AXIAL COMPR			B NO.			EM NO.		
	DATASHEET (API 617-8 th , Part	2)	PA	GE <u>2</u>	OF	<u>8</u> RE	Q'N NO.		Re<
	SI UNITS (bar)	-							۲
1	APPLICABLE TO: O PROPOSAL O PURCHASE		BUILT						
2	FOR <u>PERSIAN GULF BID BOLAND GAS REFINERY</u>			UNIT	<u>110</u>				
3	SITE <u>A2-AGHAJARI-PU2 Compressor Station & Deh</u>	ydration		SERIAL NO.		1112/1122			
4	SERVICE <u>3rd Stage Gas Compressor</u>			NO. REQUIF			ration+1 Spa	are)	
5	MANUFACTURER <u>SBW</u>			DRIVER TYP	PE	Electro Mo	tor+VFD		
6	MODEL <u>BCL405</u>			DRIVER ITE	M NO.				
7	APPLICABLE STANDARD: O U.S. 🛞 ISO								
8	INFORMATION TO BE COMPLETED: O BY PURCHASER		MANUFACTL			L AGREEME	NT (PRIOR T	O PURCHASE)	
9		OPER/	ATING CC	NDITION			-		
10		3rd	3rd	3rd Stage(MIN-	3rd Stage(100%)-				
11	(ALL DATA ON PER UNIT BASIS)	Stage(100%)	Stage(110%)	80%)	(MW-5%)				
12									
	GAS HANDLED (ALSO SEE PAGE <u>4</u>)		<u>Sou</u>	r Gas	1				
14								+	
15	() M ³ /H (1.013 barA & 0℃ DRY)	<u>5285</u>	<u>5813.5</u>	<u>4228</u>	<u>5502</u>			+	
	WEIGHT FLOW, (kg/h) (WET) (DRY)	<u>7593</u>	<u>8352.3</u>	<u>6074</u>	<u>7593</u>			1	
17		notof	noted	noted	noted		1		
	PRESSURE (barA)	<u>1.012</u> ^{note1}	<u>1.012</u> ^{note1}	<u>1.012</u> ^{note1}	<u>1.012</u> ^{note1}			-	
19		<u>38.6</u>	<u>38.6</u>	<u>38.6</u>	<u>38.6</u>			-	
20									
21	<u> </u>	<u>32.2</u>	<u>32.2</u>	<u>32.2</u>	<u>30.59</u>				
	X Cp/Cv (K ₁) OR (KAVG)	<u>1.17</u>	<u>1.17</u>	<u>1.17</u>	<u>1.178</u>				
	X COMPRESSIBILITY (Z1 OR (ZAVG)	<u>0.992</u>	<u>0.992</u>	<u>0.992</u>	<u>0.993</u>				
	X INLET VOLUME, (m ³ /h) (WET / DRY)								
25							1		
	PRESSURE (barA)	<u>4.16</u>	<u>4.16</u>	<u>4.16</u>	<u>4.16</u>				
	X TEMPERATURE (°C)	<u>119.79</u>	<u>121.07</u>	<u>120.09</u>	<u>123.73</u>				
	X Cp/Cv (K ₂) Θ (KAVG)	<u>1.146</u>	<u>1.146</u>	<u>1.146</u>	<u>1.152</u>				
	X COMPRESSIBILITY (Z ₂) OR (ZAVG)	<u>0.984</u>	<u>0.984</u>	<u>0.984</u>	<u>0.987</u>				
	GAS POWER REQUIRED (kW)								
	X TRAIN POWER REQUIRED (kW)	<u>399</u>	<u>440</u>	<u>331</u>	<u>422</u>			-	
	POWER REQ'D AT DRIVER INCL. EXT. LOSSES (kW)	<u>407</u>	<u>449</u>	<u>338</u>	<u>430</u>			-	
	X SPEED (rpm)	<u>11059</u>	<u>11383</u>	<u>10617</u>	<u>11471</u>			-	
	X TURNDOWN (%)		<u>35.1</u>		<u>34.2</u>			-	
		<u>127120</u>	<u>127320</u>	<u>127260</u>	<u>134760</u>	ļ	+	+	
		<u>79.6</u>	<u>78.3</u>	<u>79.8</u>	<u>79.3</u>	ļ	+	+	
		<u>X</u>		ł		ļ	+	+	
38			l	I	1		1	1	
39				000000.000					
40			-	SPEED VAR			-	COOLED BYPA	122
41		GUIDE VANE	5	FROM <u>65</u>		BLOW		FROM	— I
42				то <u>10</u> 5	<u>5</u> %	то		то	
43									
44		PNEUMATIC	-	OTHER					
45			(barG)						— I
46				ON PRESSUP					
	REMEARKS: <u>NOTE1:The strainer and orifice plate are b</u>	efore the inle	et, and the to	otal pressure	drop is 0.128	bar.			
48									
49									
50									
51									
52									
53									
54									
55									
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Γ	DOC. NUMBER:							UMBER:				
SBW							0601-XS-2020-11-0176-V3-DSH-E					
_					D							
					ĸ		OB NO. AGE	ITEM NO				
	DATASHEET (API 617-8 th , Part 2) SI UNITS (bar)							<u>3</u> OF <u>8</u> REQ'N NO.				
1		01 01		G	ENER/	AL RI	EMAR	KS				
-	Gas Analys	is			ther Co							
2	• MOL %	15	Normal	A	В	С	D	O Remark				
				A	D	C	D					
3		M.W.										
4	H2O	18.02		4.95								
	H2S	34.08		0.25								
6	CO2	44.01		1.26								
	Nitrogen	28.01		1.32								
8	Methane	16.04		37.73								
	Ethane	30.07		19.83				· · · · · · · · · · · · · · · · · · ·				
	Propane	44.10		19.24								
	i-Butane	58.12		3.49								
	n-Butane i-Pentane	58.12 72.15		6.99 2.05								
	n-Pentane	72.15		2.05								
	n-Hexane	86.18		0.59								
	C7+,4th	108.45		0.09				SP.GR=0.6974				
	C7+,3rd	113.40		0.07				SP.GR=0.7032				
18												
19												
20												
21 22	Total			100.00								
							NOISE	I SPECIFICATIONS:				
	-			E				PLICABLE TO MACHINE:				
29	-			EZZANINE			SE	E SPECIFICATION <u>90 dB(A) @1m for the complete unit</u>				
30	Ŭ	O PART	IAL SIDES O				-	PLICABLE TO NEIGHBORHOOD:				
	SITE DATA:	0 ()	DADOMETED	1.007	(herA)							
	RANGE OF AMBIENT		BAROMETER	1.007	(barA)			CABLE SPECIFICATIONS:				
34	-		DRY BULB	WET BL	JLB		API 617-8th, Part2					
35	NORMAL	(°C)	<u>24.6</u>	<u>17.2</u>			Ø ∨E	NDOR HAVING UNIT RESPONSIBILITY				
36	MAXIMUM	(°C)	<u>35.6</u>	<u>24.1</u>								
37		(°C)	<u>12.8</u>	<u>10.5</u>			O GC	OVERNING SPECIFICATION (IF DIFFERENT)				
38 39	UNUSUAL CONDITIO	(°C)	Q DUST C	FUMES			-					
40		/NJ.					🐼 EL	EC.AREA CLASS. O NEC 🛞 IEC				
41								EQUIPMENT				
42								CLASS GROUP DIV.				
43	-	PER ALLOYS	S PROHIBITED				1	ZONE <u>2</u> GROUP <u>IIB</u> TEMP CLASS <u>T3</u>				
	44 COATING:							CONTROL PANNELS				
	O ROTATING COMPOR							CLASS GROUP DIV. ZONE GROUP TEMP CLASS				
	47 REMARKS:						INSTRU	JMENT AND CONTROLS				
48							ST	ANDARD 🔿 NEMA 🛞 IEC				
49								INDOOR OUTDOOR				
50												
51							TE	RMINAL BOX				
52 53												
53 54												
55												
56				_	_		_					

	DOC. NUMBER:
SBW	0601-XS-2020-11-0176-V3-DSH-E
CENTRIFUGAL AND AXIAL COMPRESSOR	JOB NO. ITEM NO.
DATASHEET (API 617-8 th , Part 2)	PAGE <u>4</u> OF <u>8</u> REQ'N NO.
SI UNITS (bar)	
	ION FEATURES
2 X SPEEDS:	○ INTERMEDIATE MAIN PROCESS CONNECTIONS
3 MAX. CONT. <u>12045</u> (rpm) TRIP <u>12045</u> (rpm)	DISCH. PRESSURE: (barG) MAX MIN
4 MAX. TIP SPEEDS: <u>240.25</u> (m/s) @ 100% SPEED	INLET PRESSURE: (barG) MAX MIN
5 252.26 (m/s) @ MAX. CONT. SPEED	GUIDE VANES
6 🔲 LATERAL CRITICAL SPEEDS (DAMPED)	
7 FIRST CRITICAL (rpm) MODE	O VANE CONTROL SYSTEM
8 SECOND CRITICAL (rpm) MODE	NUMBER OF AXIAL BLADE ROWS
9 THIRD CRITICAL (rpm) MODE	NUMBER OF ADJUSTIBLE ROWS
10 FOURTH CRITICAL (rpm) MODE	NO.VANES GUIDE VANE MATERIAL
11 O LATERAL ANALYSIS ADDITIONAL REQUIREMENTS	X IMPELLERS:
12 O TRAIN LATERAL ANALYSIS REQUIRED	NO. <u>5</u> DIAMETERS <u>400*5</u>
13 O TRAIN TORSIONAL ANALYSIS REQUIRED	NO. VANES EA. IMPELLER
14 TORSIONAL CRITICAL SPEEDS:	TYPE (OPEN, ENCLOSED, ETC.) <u>ENCLOSED</u>
15 FIRST CRITICAL (rpm)	TYPE FABRICATION <u>MILLED AND WELDED</u> MATERIAL <u>ASTM A705 type630</u>
16 SECOND CRITICAL (rpm)	MIN. YIELD STRENGTH (MPa) 686
17 THIRD CRITICAL (rpm)	HARDNESS: (Rc)(BRINNEL) MAX <u>319</u> MIN <u>255</u>
18 FOURTH CRITICAL (rpm)	SMALLEST TIP INTERNAL WIDTH (mm)
19 O LIST OF TRAIN UNDESIRABLE SPEEDS	MAX. MACH. NO. @ IMPELLER EYE
20 O STABILITY ANALYSIS	MAX. IMPELLER HEAD @ 100% SPD (N-m/kg)
21 X VIBRATION:	X SHAFT:
22 ALLOWABLE TEST LEVEL <u>≯25.35</u> (μm)	
23 (PEAK TO PEAK) 24 NAMEPLATE	MATERIAL <u>AISI 4340</u>
24 NAMEPLATE 25 O US CUSTOMARY & METRIC	DIA @ IMPELLERS (mm) DIA @ COUPLING (mm) SHAFT END: X TAPERED CYLINDRICAL
26 X ROTATION, VIEWED FROM DRIVEN END & CW CCCW	O SPLINED O INTEGRAL FLANGE
27 O MATERIALS INSPECTION REQUIREMENTS	MIN. YIELD STRENGTH (MPa) 735
20	SHAFT HARDNESS (BNH)(Rc) 262-331
²⁰ 29 DETAILS SEE ITP	MAX TORQUE CAPABILITY (N-m)
30	X BALANCE PISTON:
31	MATERIAL <u>AISI 410</u> AREA (mm ²)
32	FIXATION METHOD SHRINK
33	NORMAL CLEARANCE (mm)
34	FLOW WITH NORMAL CLEARANCE (kg/h)
35	FLOW WITH 2x NORMAL CLEARANCE (kg/h)
36 X CASING:	X PRESS. CONN. BAL LINE DOWNSTREAM
37 MODEL <u>BCL400</u>	X SHAFT SLEEVES:
38 CASING SPLIT <u>VERTICAL</u>	AT INTERSTG. CLOSE MATL <u>AISI 410</u>
39 MATERIAL ASTM A266 CL2	CLEARANCE POINTS
40 THICKNESS (mm) CORR. ALLOW. (mm) <u>3.2</u>	AT SHAFT SEALS MATL AISI 410
41 MAX. ALLOWABLE PRESS <u>5</u> (barG)	O ACCESSIBLE
42 TEST PRESS: (barG) HELIUM HYDRO 7.5	ROTOR
43 MAX. ALLOWABLE TEMPERATURE <u>150</u> (°C)	O DISASSEMBLY AND REASSEMBLY
44 MAX OPER. TEMP. <u>123.73</u> (°C) MIN. OPER. TEMP. <u>-3.5</u> (°C)	O AT SPEED BALANCING
45 MAX CASING CAPACITY (m ³ /h)	O SEQUENTIAL LOW SPEED BAL. PREC. AT SPEED BAL.
46 O SYSTEM RELIEF VALVE SET PT. (barG)	
48 X DIAPHRAGMS:	
49 MATERIAL <u>ASTM A516 /ASTM A216 WCB/AISI 410</u>	TYPE <u>TOOTHED</u> MATERIAL <u>ASTM B247</u>
51 DIAPHRAGM MAX. ∆ P(BAR)(kPa):	TYPE <u>TOOTHED</u> MATERIAL <u>ASTM B247</u>
52 REMEARKS:	
53	
55	
56	

					DOC. N	UM	BER:				
	SB	0601-XS-2020-11-0176-V3-DSH-E									
_	CENTRIFUGAL AND AXIAL	COMPR	FEEOD						EM NO		
	DATASHEET (API 617-				JOB NO. PAGE	5	OF		'EM NO. EQ'N NO.		
	SI UNITS (ba		2)			-					
1			STRUCTIC	N FEA	TURES (CON	ITINUED)				
2	SHAFT SEALS:				-				CHEMATIC BY		
3	SEAL TYPE <u>TANDEM TYPE DRY GA</u>			RINTH	-				SPHERIC SE	ALS	
4		(barG)	<u>4</u>		-		JCTOR FACTURER	O INJEC	TION		
5 6	O MIN.SEALING PRESSURE (barG) O SUPPLEMENTAL DEVICE REQUIRED FOR	CONTACT					D PROCESS	0/	day/seal)		<u> </u>
7	SEALS TYPE	CONTACT					S REQUIRED		day/sear)		<u> </u>
8	O BUFFER GAS SYSTEM REQUIRED							OTHER			
9	TYPE BUFFER GAS	FROM COMPREE	SOR DISCHARGE	_	FLOW	(PER	SEAL):				
10			(barG)	-	NC	RM.		kg/h @		(bar) ∆ P	
11			(kg/h)		MA	Х.		kg/h @		(bar) ∆ P	
12			(μm)				HOUSING				
13 14						PE (S TERI		NTEGRAL)	SEPRATE	SPLIT <u>HO</u>	RIZONAL
			AY1/		MPRESSO						
15 16	STAGE	1	2		4	Л	5	6	7	8	9
17	ROTOR		-				Ū	Ĵ	•		
18											
19	BLADE ROOT TYPE									\mathbf{X}	
20											
21									\swarrow		
22								\vdash	-	-	
23 24											
25							\frown				
26	TYPE (MOVABLE, FIXED,										
27	ADJUSTABLE)										
28	CORD WIDTH (mm)										
29	BLADE QUANTITY			$ \rightarrow $	$\langle -$						
30 31	STAGE	10	11	12	13		14	15	16	17	18
	ROTOR	10					14	10	10		10
	BLADE MATERIAL		\checkmark			<u> </u>					
34	BLADE ROOT TYPE										
35	CORD WIDTH (mm)							$\overline{\ }$			
36		·									
37									-	-	
38 39	BLADE QUANTITY STATOR										
40										\mathbf{N}	
41	TYPE MOVABLE, FIXED,		1	<u> </u>	1			1	1	\sim	
42	ADJUSTABLE)										
43											
44											
45	REMEARKS:										
46 47											<u> </u>
47											—
49											
50											
51											
52											
53											
54 55											— I
55 56											—
											

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		SBW			0601-XS-2020-11-0176-V3-DSH-E					
-	CENTRIEUGA	L AND AXIAL COM	PRESSOR	JOB NO.		ITEM NO.				
		IEET (API 617-8 th , F			OF <u>8</u>					
	DATAOI	SI UNITS (bar)	artzj				ú			
1		C	ONSTRUCTION F	EATURES (COI	NTINUED)					
2	BEARINGS AND BEAR	ING HOUSINGS			•					
3	O MAGNETIC BEARINGS	3								
4	RADIAL	THRUST	NON-THRUS	T THRUST		ACTIVE	INACTIVE			
5	X TYPE	TILTING PA	DS TILTING PAD	S X TYPE		TILTING PADS	TILTING PADS			
6	X MANUFACTURER	SBW	<u>SBW</u>	X MANUFACT	TURER	<u>SBW</u>	<u>SBW</u>			
7	X LENGTH (mm)			UNIT LOAD	ING-MAX (bar)					
8	X SHAFT DIA. (mm)	<u>90</u>	<u>90</u>	UNIT LOAD	-ULT. (bar)					
9	UNIT LOAD (ACT/ALLC	OW) (bar)		X AREA (m	m²)	7 INCH	<u>7 INCH</u>			
10	X BASE MATERIAL	<u>CS</u>	<u>cs</u>	X NO. PADS		<u>6</u>	<u>6</u>			
11	X BABBIT THICKNESS	(mm) <u>1.5</u>	<u>1.5</u>	X PIVOT: CEN	NTER / OFFSET, %	CENTRE	<u>CENTRE</u>			
12	X NO. PADS	<u>5</u>	<u>5</u>	X PAD BASE	MATL	<u>CS</u>	<u>CS</u>			
13	X LOAD: B'TWN/ON PAI	ON PAD	<u>ON PAD</u>			BACKED	•			
14	X PIVOT: CTR/OFFSET	, % <u>CENTRE</u>	CENTRE	LUBRICATION:	🛞 FLOODED	O DIRECTED				
15	PAD MATERIAL	0	0	THRUST COLLA	AR: O INTEGRAL	REPLACEAR	BLE			
16	BEARING SPAN	(mm)		MATERIAL						
17	-			SIZING CRI	TERIUM					
18	BEARING TEMPERATU	JRE DETECTORS		VIBRATION D	ETECTORS:	O SEE ATTACHED	API-670 DATA SHEET			
19	O SEE ATTACHED API-6	70 DATASHEET		W TYPE	<u>PROXIMIT</u>	MODEL				
20	O THERMOCOUPLES TY	ΈE		O MFR.						
21	RESISTANCE TEMP D	ETECTORS		🛞 NO. AT EA	NO. AT EA SHAFT BEARING <u>2</u> TOTAL NO. <u>4</u>					
22	X RESISTANCE MA	r'l <u>pt</u> 🛞	100 OHMS	OSCILLATO	𝔅 OSCILLATOR-DETECTORS SUPPLIED BY					
23		TURE	(°C)	O MFR.		MODEL				
24	SHUTDOWN TEM	PERATURE	(°C)	MONITOR S	MONITOR SUPPLIED BY					
25	O PROVISION FOR	LOCAL DISCONNECT		🗴 LOCAT	OCATION UCP ENCLOSURE					
26	♦ LOCATION-JOURNAL	BRG		O MFR.	O MFR. MODEL					
27	NO. EA PAD	EVERY OTH PAD 2	DUAL PER BRG		SCALE RGE Ο ALARM SET @ <u>63.3</u> (μm)					
28	OTHER			O SHTDV	O SHTDWN: X SET @ 88.7 (µm) X TIME DELAY SEC					
29	X LOCATION-THRUST B	RG		O CASING VIE	BRATION TRANSDUC	CERS				
30	NO. EA PAD	EVERY OTH PAD 2	DUAL PER BRG	O CASING VIE	BRATION MONITORS	3				
31	OTHER			AXIAL POSIT	ION DETECTOR:	O SEE ATTACH. A	PI-670			
32	NO. (INACT) EA P	AD EVERY OTH PAD 2	DUAL PER BRG			DATA SHEET				
33	OTHER			X TYPE	PROXIMIT	MODEL				
34	O LOCAL DISCONNECTI	ON		O MFR.		🛞 NO. REQUIRED	2			
35	-	3Y	<u>SBW</u>	OSCILLATO	DR-DEMODULATOR S		<u>SBW</u>			
36		UCP ENCLOSURE				MODEL				
37		MODEL		MONITOR S	SUPPLIED BY	S	BW			
38	SCALE RGE] SET @ <u>105</u> (°C)	-	ION <u>UCP</u>					
39	SHTDWN X	SET @ <u>110</u> (℃)	ME DELAY SEC	-						
40							T @ <u>±500</u> (μm)			
				SHTDV	VN: X SET @	<u>±700</u> (μm) 🐼 ΤΙΜ	E DELAY SEC			
42	÷		EAR L.S.							
43					1					
44		X ANSI/ASME		0						
45	CONNECTION	(B16.1; B16.5;	X FACING	ORIENTATION	FLANGED	O MATING FLG	X GAS			
46		B16.42; B16.47	BORE		OR	& GASKET	VELOCITY			
47		series A, B;			STUDDED	BY VENDOR	(m/s)			
48		ISO 7005-1, -2;								
49		OTHER)				-				
50		<u>14" 300LB</u>	<u>RF</u>	TOP	FLANGED	-	<u>≤30</u>			
51	DISCHARGE	<u>10" 300LB</u>	<u>RF</u>	<u>TOP</u>	<u>FLANGED</u>	+	<u>≤30</u>			
52	└────┤						 			
53			1		+	+	┨─────┨			
54	-	Flanges shall be ASME B16.	<u>5 or ASME B 16.47</u>		1	1				
55		TION PORTS								
56										

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		SE	3 N	/	0601-XS-2	0601-XS-2020-11-0176-V3-DSH-E				
	CENTRIFUGAL AN			MPRESSOR	JOB NO.	ITEM NO.				
	DATASHEET				PAGE <u>7</u> OF <u>8</u>					
		NITS (1 alt 2)			×			
1	OTHER CONNECTIONS	,								
2	SERVICE:	NO.	SIZE	TYPE		NO. SIZE	TYPE			
3	LUBE-OIL INLET				PRESSURE					
4	LUBE OIL OUTLET				TEMPERATURE					
5	SEAL-OIL INLET				SOLVENT INJECTION					
6	SEAL-OIL OUTLET				PURGE FOR:					
7	SEAL GAS INLET				BRG. HOUSING					
8	SEAL GAS OUTLET				BTWN BRG & SEAL					
9	CASING DRAINS				BTWN SEAL & GAS					
10	-									
11 12		REQUIREL	J							
12		ם וכ								
14		OLD	LUBR	CATION AND SEA	LING SYSTEMS (1-5.3)(1-5.6.	1 2)				
15	SEE ATTACHED API 614 DATA	ASHEET				··,				
	-	MBINED								
17	O INTEGRAL OIL RESERVOIR									
18	OIL TYPE ISO VG 46									
19				AC	ESSORIES					
20	COUPLING AND GUARDS (5.	2)								
21	NOTE: SEE ROTATING ELEMENTS	S - SHAFT	ENDS							
22	O SEE ATTACHED API 671 DATA	A SHEET	\otimes	KEYLESS HYDRAULIC	O KEYED O FLANGED					
23	COUPLING FURNISHED BY		<u>s</u>	<u>SBW</u>	MOUNTED BY					
	MANUFACTURER			TYPE	<u>FLEXIBLE</u> MODEL					
	COUPLING GUARD FURNISHED B				SBW					
26		OSED	0	SEMI-OPEN	O OTHER					
27 28				(mm	O PLUG AND RING GAUGES		PING TOOL			
20 29				(//////	-	U LAPP	FING TOOL			
30				(ng		NT. OIL LUBE	O OTHER			
31				(kg			(kg) or (L/min)			
	MOUNTING PLATES									
	Ø BASEPLATES FURNISHED BY	/		SBW	O SOLEPLATES FURNISHED B	Y				
34	OMPRESSOR ONLY	\otimes	DRIVER	Q GEAR			(mm)			
35	OTHER	-			O SUBSOLE PLATES REQU	JIRED				
	O NONSKID DECKING	0	SLOPED	DECK	O EXTENT OF PIPING					
37	\triangle LEVELING PADS OR TARGET	S			STAINLESS STEEL SHIM THI	CKNESS	(mm)			
38	Δ COLUMN MOUNTING					RESSOR				
	O SUB-SOLE PLATES REQUIRE						_			
	STAINLESS STEEL SHIM THIC			(mm)	O COUNTER BORE ANCHOR B	OLT HOLES				
	O MACHINED MOUNTING PADS									
		FURNISH		O PURCHASER	SUPPLIER					
43		-					(h = = 0)			
44				TREAM:	(barG) DOWNSTREAM △ P		(barG)			
45			-	,		N - GLUSE	(sec)			
		-			REMEARKS:					
47 48	O D BLOWOFF VALVE	O sizir	NG UNLY							
		0								
		-	<u> </u>		-					
52		\cap					I			
	0 []	$ ^{\circ}_{\circ}$								
53		0 0								
53		0								

			DOC. NUMBER:	
	SBW		0601-XS-2020-11-0176-V3-DSH-E	
	CENTRIFUGAL AND AXIAL COM	IPRESSOR	JOB NO. ITEM NO.	
	DATASHEET (API 617-8 th , I		PAGE 8 OF 8 REQ'N NO.	— 、
	SI UNITS (bar)			
1	Si chiris (bar)	UTII	l LITIES	
2	UTILITY CONDITIONS:	Une	MANUALS	
3	STEAM: DRIVERS		DRAFT MANUAL FOR REVIEW	
4	INLET MIN (barG)	(°C)	TECHNICAL DATA MANUAL	
5	NORM (barG)	(°C)	MISCELLANEOUS:	
6	MAX (barG)	(°C)	RECOMMENDED STRAIGHT RUN OF PIPE DIAMETERS	
7	EXHAUST. MIN (barG)	(°C)	BEFORE SUCTION	
8	NORM (barG)	(°C)	O COMPRESSOR TO BE SUITABLE FOR FIELD RUN-IN ON AIR	
9	MAX (barG)	(°C)	O PROVISION FOR LIQUID INJECTION	
10		(-)	O INJECTION MANIFOLD	
11	DRIVERS CONTRO	L SHUTDOWN	VENDOR'S REVIEW & COMMENTS ON PURCHASER'S	
12	VOLTAGE		CONTROL SYSTEMS	
13	HERTZ		O SHOP FITUP OF VENDOR PROCESS PIPING	
14	PHASE		WELDING HARDNESS TESTING	
15				
16	Ā		O INSPECT CLEANLINESS	
17			O DESIGN AUDIT	
18	MAX PRESS (barG) MIN PRESS	G (barG)	O BALANCE PISTON A P	
19	SHOP INSPECTION AND TESTS		PROVIDE TAIL END SCHEDULES	
20	^		VENDOR'S REPRESENTATIVE SHALL	
21		DETAILS -	OBSERVE FLANGE PARTING	
22		SEE ITP	CHECK ALIGNMENT AT TEMPERATURE	
23		-	BE PRESENT AT INITIAL ALIGNMENT	
24		-	WEIGHTS: (kg)	
25			COMPR. GEAR DRIVER BASE	
26			ROTORS: COMPR. DRIVER GEAR	
27	-		COMPRESSOR UPPER CASE	
28	AND TEMPERATURES		MAX. FOR MAINTENANCE (IDENTIFY)	
29	POLAR FORM VIB DATA	-	TOTAL SHIPPING WEIGHT	
30	TAPE RECORD VIB DATA	-		
31	SHAFT END SEAL INSP.	-	SPACE REQUIREMENTS: (mm)	
32	GAS LEAK TEST AT DISCH PRESS	-	COMPLETE UNIT: L W H	
33	O POST TEST INTERNAL INSP.			
34	O BEFORE GAS LEAKAGE TEST		SPECIAL TOOL PACKAGING	
35	O AFTER GAS LEAKAGE TEST		O METAL STORAGE CONTAINER	
36	INTERMEDIATE HEAD/PRESSURE TOL.		O OTHER:	
37	PERFORMANCE TEST (GAS) (AIR)		PAINTING:	
	COMPLETE UNIT TEST	-	O MANUFACTURER'S STD.	
	TANDEM TEST	-	OTHER <u>FBB-A02-000-MT-SPC-0003</u>	
40	GEAR TEST	-	SHIPMENT:	
41	HELIUM LEAK TEST	-	O DOMESTIC O EXPORT O EXPORT BOXING REQ'D.	
42	SOUND LEVEL TEST (SURVEY ONLY)		OUTDOOR STORAGE MORE THAN 6 MONTHS MONTH	
43	AUX. EQUIPMENT TEST		SPARE ROTOR ASSEMBLY PACKAGE	
44	FULL LOAD / SPEED / PRESS TEST		O HORIZONTAL STORAGE O VERTICAL STORAGE	
45	HYDRAULIC COUPLING INSP		O METAL STORAGE CONTAINER	
46	SPARE PARTS TEST	[Ø N2 PURGE O OTHER:	
47	INSPECTOR'S CHECKLIST COMPLIANCE	[
48	GAS SEAL TEST VENDOR SHOP	[
49				
50	REMEARKS:			
51				
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