

EQUIPMENT NOISE CONTROL

JOB SPEC. BD0203B-95A2

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Rev.: 100

Date: January 9, 2004

VII. NOISE DATA SHEET

A. The following form shall be completed at Vendor care and shall be submitted to FWI together with the technical bid.

NOISE DATA SHEET						22-30-37-			
EQUIPMENT DESIGN DATA					-	-			
Equipment N°: 2P-91-3 Equipment Description: CENTRIENGAL PUMP									
Equipment Description : CENTR	15461	2c P	UMP						
Size: 2×45 7C	Size: 2×45 7c Power: 55.27 [Hp] 40.64 [kW]								
Speed: 2960 [RPM]			6						
SOUND PRESSURE LEVEL (Lp)							19		
Lp measurements on actual equipme	nt							[] 8	4.09
Lp measurements on equivalent equi	pment							[]	
Calculation									
FREQUENCY [Hz]	62.5	125	250	500	1000	2000	4000	8000	overall
FREQUENCY [HZ]	02.5	125	250	300	1000	2000	4000	8000	dB(A)
Max allowable [dB(Lin)]									42000
Std. equipment [dB(Lin)]	78.6	81,6	81.6			76,6			84,09
With noise treatment [dB(Lin)]									
SOUND POWER LEVEL (Lw) From measurements on actual equipment []									
From measurements on equivalent equipment []									
Calculation []									
EDEOLIENOV (III-)	00.5	105	050	500	1000	2000	4000	8000	overall
FREQUENCY [Hz]	62.5	125	250	500	1000	2000	4000	0000	dB(A)
Max allowable [dB(Lin)]				1	not appli	cable	1		45(1)
Std. equipment [dB(Lin)]	75.7	78.8	78.7		75.7	73,¥	70,7	657	81,25
With noise treatment [dB(Lin)]									
REMARKS									
f si	OLION.	T 14	AGE	4					
	0								
	7	1 6	4			-	11		
Nugra Planone P.V.S.									
						QUAL	TROPY	ROL DEP	T.



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VII	NOISE	DATA	SHEET

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						1	TO I Married To July 2017 St. Line	-L	
NOISE DATA SHEET									
EQUIPMENT DESIGN DATA									
Equipment N°: 2P-91-A Equipment Description: CENTRI	Reg.	N° :-					-		
Equipment Description: CENTRI Size: 2×45 TC Speed: 2960 [RPM]	— Powe	r: 55,2	27_[Hp]_40,	64	[kW]			
SOUND PRESSURE LEVEL (Lp)							+		
Lp measurements on actual equipment							[in 83.85		
Lp measurements on equivalent equi								[]	
Calculation									
FREQUENCY [Hz]	62.5	125	250	500	1000	2000	4000	8000	overall dB(A)
Max allowable [dB(Lin)]									
Std. equipment [dB(Lin)]	78,5	81,5				76,5		68,5	83.85
With noise treatment [dB(Lin)]									
SOUND POWER LEVEL (Lw)									
From measurements on actual equipr									
From measurements on equivalent ed	quipment								
Calculation									
FREQUENCY [Hz]	62.5	125	250	500	1000	2000	4000	8000	overall dB(A)
Max allowable [dB(Lin)]				Г	not appli	cable			
Std. equipment [dB(Lin)]	75,6	78.6	18,6		75.6		70,6	65.6	81,01
With noise treatment [dB(Lin)]									
REMARKS									
TLIMATITO									
					Miss	rip Pig	none P	V.C	
					OLL	ALITY CO	NTROLD	EPT.	
					4000	7.00	111106.0	bed for	