


1			Offer N°	1901527		
2			Offer date	Rev.		
3			Identifier	1901527		
4			Date	05/03/2019 09:18		
5			Customer			
6			Project			
7			Job	Tag no.		
8	Fluid	Water		Critical pressure	bar(a)	
9	Fluid state	Liquid		Molecular weight	kg/kmol	
10		Units	Condition 1	Condition 2	Condition 3	Condition 4
11	Comments on conditions					
12						
13						
14	Flow rate	qv	l/min	20,0000	13,0000	5,0000
15	Inlet pressure		bar(a)	1,7500	1,7500	1,7500
16	Outlet pressure		bar(a)	1,2000	1,2000	1,2000
17	Inlet temperature		°C	20,0000	20,0000	20,0000
18	Inlet density		kg/m³	998,2409	998,2409	998,2409
19	Outlet density		kg/m³	998,2157	998,2157	998,2157
20	Vapor pressure PV		bar(a)	0,0234	0,0234	0,0234
21	Viscosity		Pa s	0,0010	0,0010	0,0010
22	Isentropic exponent		-			
23	Required valve Kv		m³/h	1,6167	1,0705	0,4622
24	Inlet flow speed		m/s	1,8863	1,2261	0,4716
25	Outlet flow speed		m/s	1,8863	1,2261	0,4716
26	Travel		%	68,7019	58,1645	36,6936
27	Predicted SPL		dB(A)	30,7384	26,3351	20,0000
28	LINE	Pipe line size	Inlet	DN 15		
29			Outlet	DN 15		
30		Code				
31		Size	DN 15			
32		Rating				
33		Characteristic	Equal percentage			
34		Kvs straight way	m³/h	5,50		
35		Kvs angle way	m³/h			
36		Valve type	<input type="checkbox"/> 2 way <input type="checkbox"/> 3 way use mixing <input type="checkbox"/> 3 way use diverting			
37						
38						
39						
40		Working	2 way	<input type="checkbox"/> Norm. Close <input type="checkbox"/> Norm. Open		
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42						
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51						
52		Stage	No			
53		number of stage	Tot.Qty	Inside body	Flange	Dump Tube
54		Shut off	bar			
55		Max. temperature	°C			
56		Seal	<input type="checkbox"/> Soft class VI <input type="checkbox"/> Metal class IV <input type="checkbox"/> Metal class VI			
57		Body material				
58		Bonnet material				
59		Trim material				
60		Inlet connection	DN 15			
61		Outlet connection	DN 15			
62		Flange face to face	mm			
63		Flanges drilling according to				
64		Seat Diameter	mm			
65		Type of Bonnet	<input type="checkbox"/> Standard <input type="checkbox"/> Finned extension <input type="checkbox"/> Extended			
66						
67						
68		Stem sealing type	<input type="checkbox"/> Stuffing box <input type="checkbox"/> Bellow seal + safety stuffing box			
69						
70						
71						
72						
73		Packing material	<input type="checkbox"/> PTFE <input type="checkbox"/> PTFE+FFPM <input type="checkbox"/> PTFE+EPDM <input type="checkbox"/> GRAPHITE+PTFE <input type="checkbox"/> GRAPHITE <input type="checkbox"/> VACUUM			
74						
75						
76						
77						
78		Materials not accepted in contact with the fluid				
79						
80						
81		TA-LUFT	<input type="checkbox"/> Yes <input type="checkbox"/> No			
82						
83		Zone	Mark			
84						
85	NOTES	Predicted SPL according to : IEC 60534-8-4 (2015)				
86						
87						