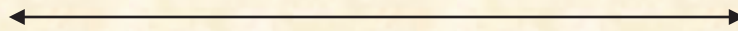


EN 12567 Test Report
European Standard EN 12567, July 2000
Annex B, Endurance Test

Performed for

L&T Valves Limited

www.lntvalves.com



4 inch Class 300 Gate Valve
Product Code: 133-16

Project Number: 216311
Start Date: May 18, 2017



Performed by

YARMOUTH RESEARCH AND TECHNOLOGY, LLC

434 Walnut Hill Road
North Yarmouth, ME 04097 USA
(207) 829-5359

info@yarmouthresearch.com
www.yarmouthresearch.com

Yarmouth Research and Technology, LLC

Customer: L+T Valve	Start Date: 18-May-17
Project #: 216311	
Product Description: 4 inch Class 300 Gate Valve	
Product Code: 133-16	
Sample Supplied by: Customer	
Pfeiffer SmartTest HLT560	

Cryogenic Seat Leakage Test Data Summary

All leakages in ml/min

Cycle Number	Pressure (psig)				
	7.25	180	360	540	720
0	15	146	173	173	132
20	3	32	37	37	36
40	25	180	226	153	126
80	23	226	180	233	233
150	32	180	180	218	241
300	2	64	116	180	35
500	22	35	75	112	180
Average Leakage:	17	123	141	158	140
Maximum Leakage:	32	226	226	233	241
Allowable Leakage:	260	260	260	260	260

Is Leakage Below Class L4 Allowable Leakage?	Yes
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Cryogenic Fugitive Emission Test Data Summary

Cycle Number	Pressure (psig)	Leakage (PPMv)			
		Valve Open		Valve Closed	
		Stem Seal	Bonnet Seal	Stem Seal	Bonnet Seal
0	720	0	0	0	0
20	720	1	10	2	7
40	720	1	3	1	15
80	720	0	4	0	21
150	720	25	33	19	29
300	720	1	9	2	15
500	720	9	7	4	12
Average Leakage:		5	9	4	14
Maximum Leakage:		25	33	19	29