



**Notes:**

1. Very Small Angle Neutron Scattering (VSANS) evacuated flight tube and detector motion system
2. 3 rack-and-pinion driven carriages carry 3 neutron detector arrays inside the vessel
3. System Weight: 33246 kg [73141 lb or 36.5 US tons], Foot Area: 48 ft<sup>2</sup>, Floor Loading: 1523 psf
4. Vacuum Level: Rough Vacuum (10<sup>-3</sup> mbar)

<b>VACUUM APPLICATION</b>		DO NOT USE CHLORINE OR SULPHUR BEARING OILS OR ABRASIVES APPROVED VACUUM COMPATIBLE LUBRICANTS AND COOLANTS ONLY	
		Approval by: T Shea	Date: 2015-12-04
Purchased Part Modification		No	

First Angle Projection All dimensions are mm [in] inch dimensions are reference			Drawing Standard: ANSI Y14.5M-1994		Date		ADC Inc. 126 Ridge Road Lansing, NY 14882 Phone: 607.533.3531 / Fax: 607.533.3618 E-mail: adc@adc9001.com / Web: www.adc9001.com																		
Material		Protective Finish None		Drawn By T Shea	2015-12-03																				
				Design by J Stranger	2015-01-26																				
UNLESS OTHERWISE SPECIFIED										VSANS System Assembly															
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N7 / machined surfaces										0.13 0.38				0.25 A B C 0.25 A B C				00025178		D2/S2		0		A2	