



APPLICATION BRIEF - 104/0114

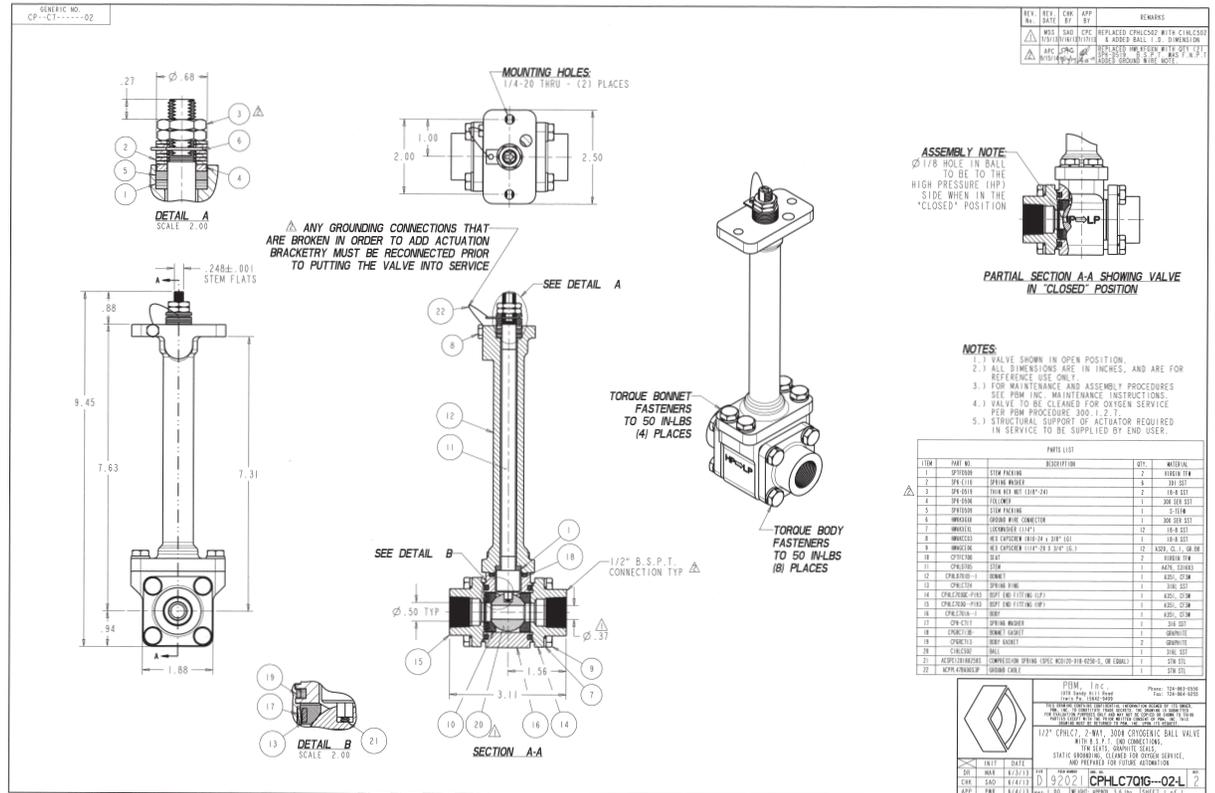
INDUSTRY: AIR SEPARATION

PRODUCT: CRYOGENIC VALVES

MEDIA: LIQUID NITROGEN AND OXYGEN RICH VENT LINES

IMI PBM Solution:

The package consists of the PBM series 7 cryogenic valves fitted with a spring return pneumatic actuator. The assembly has undergone a stringent design review with particular attention paid to areas where condensation could freeze, and the possibility that the valve and actuator could become encrusted in ice. These valves are operating in the gas division of a major company that supply equipment all over the world and sometimes in remote areas where it is difficult to access the valves. During a recent site visit to a country in eastern Europe, engineers were pleased to see the PBM valve is working perfectly well and covered in ice & snow. To date qty: 15 valve assemblies have been supplied with more orders expected. Current rate: 21.6 valves per annum. (\$9K) Rate predicted to climb as new ATEX variant, and spares requirements are anticipated.



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