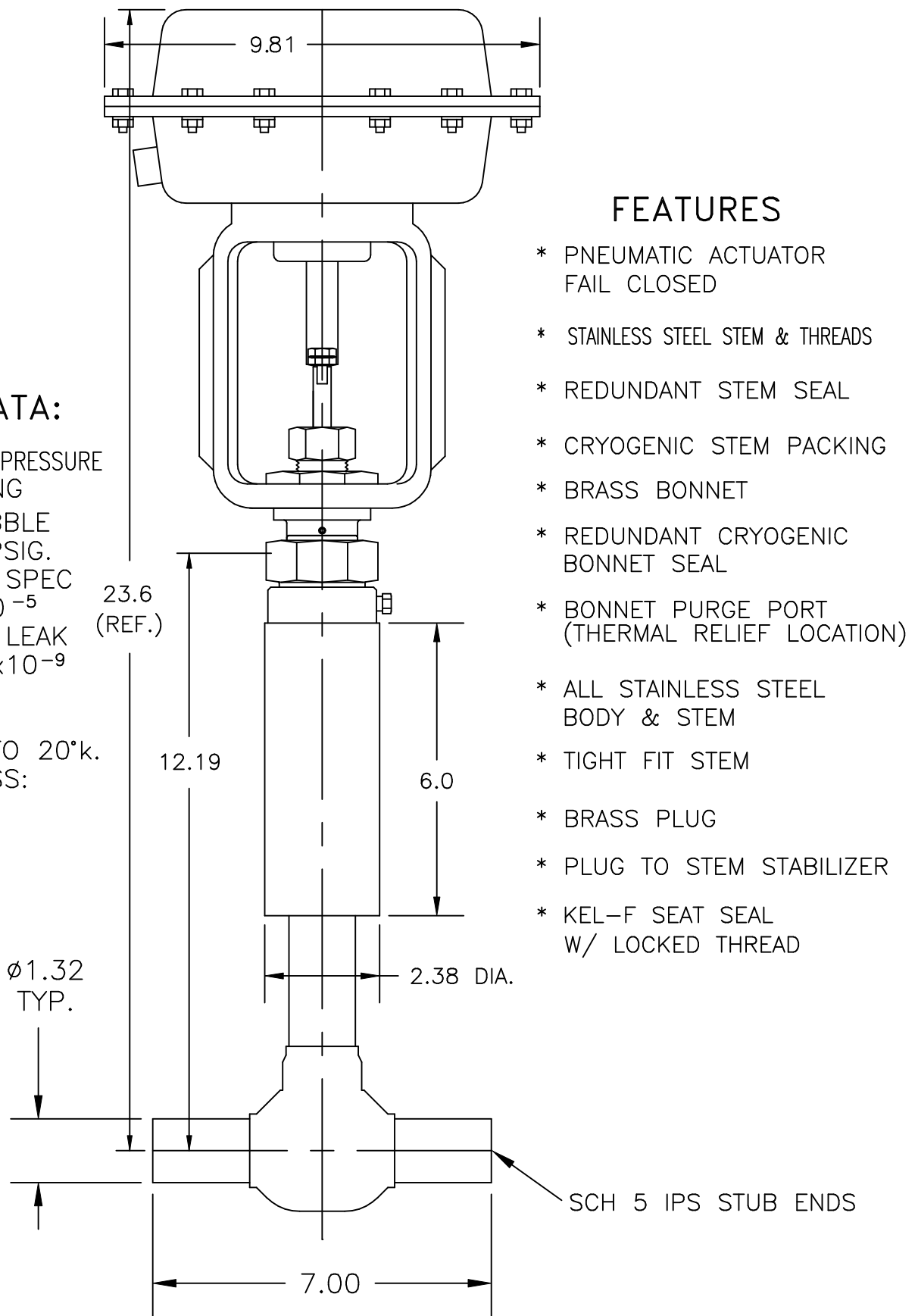


### TECHNICAL DATA:

1. 150 PSIG WORKING PRESSURE  
300 PSIG RATING
2. SEAT SEAL BUBBLE  
TIGHT @ 150 PSIG.
3. PACKING MASS SPEC  
TESTED @  $1 \times 10^{-5}$   
TORR VACUUM. LEAK  
RATE BELOW  $1 \times 10^{-9}$   
CC GHe/SEC.
4. HEAT LEAK :  
10.4 BTU/HR TO 20°k.
5. COOLDOWN MASS:  
3.80 POUNDS.



### FEATURES

- \* PNEUMATIC ACTUATOR  
FAIL CLOSED
- \* STAINLESS STEEL STEM & THREADS
- \* REDUNDANT STEM SEAL
- \* CRYOGENIC STEM PACKING
- \* BRASS BONNET
- \* REDUNDANT CRYOGENIC  
BONNET SEAL
- \* BONNET PURGE PORT  
(THERMAL RELIEF LOCATION)
- \* ALL STAINLESS STEEL  
BODY & STEM
- \* TIGHT FIT STEM
- \* BRASS PLUG
- \* PLUG TO STEM STABILIZER
- \* KEL-F SEAT SEAL  
W/ LOCKED THREAD

1" IPS CRYOGENIC VALVE W/ PNEUMATIC ACTUATOR

**CRYOCOMP**  
CRYOGENIC AND VACUUM COMPONENTS

DATE:  
5/5/06

DWG NO.

C2081-A23