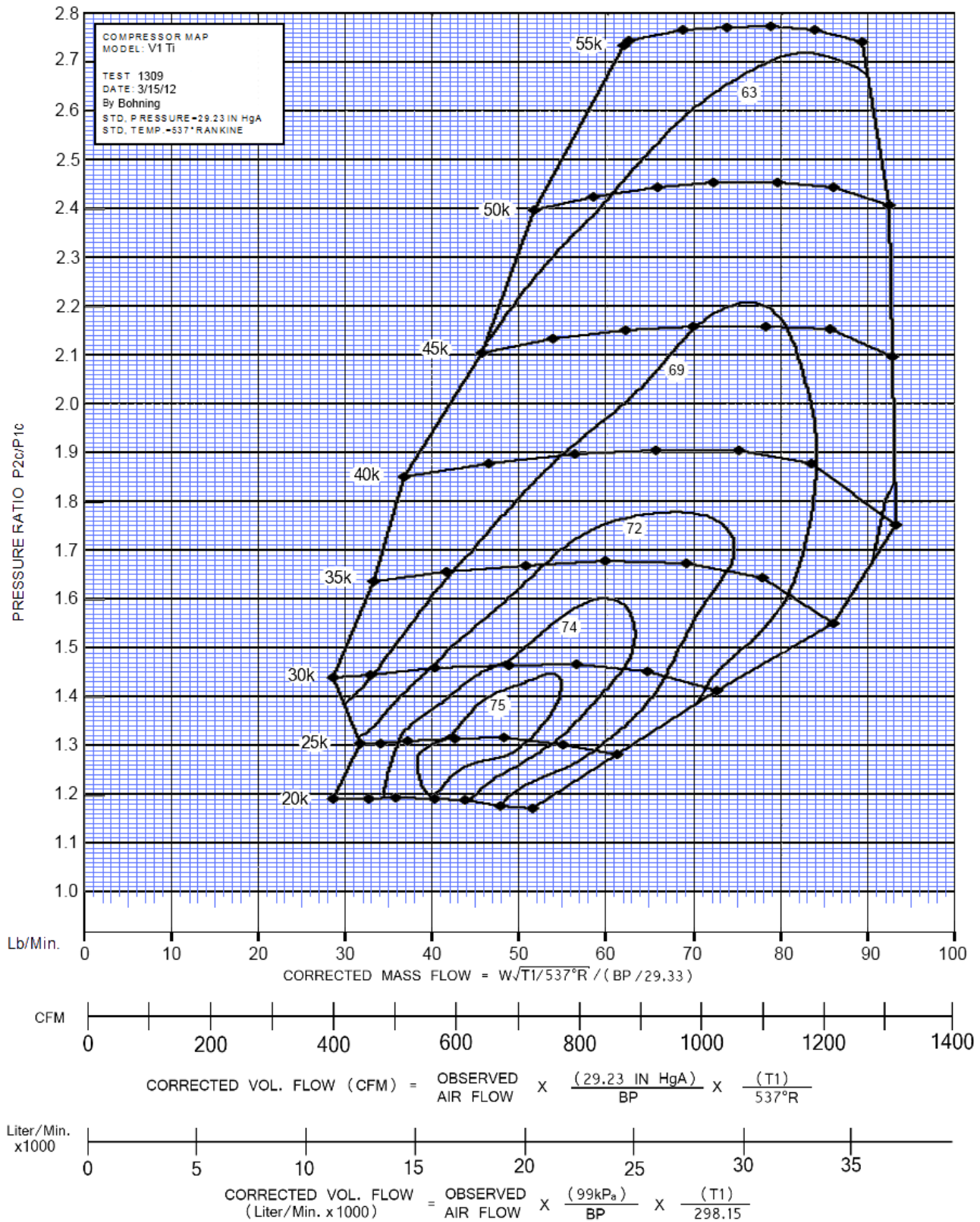


VORTECHENGINEERING, INC.
 COMPRESSOR PERFORMANCE MAP
 NO REPRODUCTIONS, ALL RIGHTS RESERVED



η - COMPRESSOR ISENTROPIC EFF., TOTAL-TOTAL
 BP - BAROMETRIC PRESSURE AT TEST
 P_{1c} - COMPRESSOR INLET AIR ABSOLUTE TOTAL PRESSURE (kPa)
 P_{2c} - COMPRESSOR DISCHARGE AIR ABSOLUTE TOTAL PRESSURE (kPa)
 T_1 - COMPRESSOR INLET AIR ABSOLUTE TEMPERATURE (K)
 T_2 - COMPRESSOR DISCHARGE AIR ABSOLUTE TEMPERATURE (K)
 $\gamma = [(P_2/P_1)^{1/\eta} - 1]$
 $\eta = (T1/T2) / (P1/P2)^{1/\gamma}$

NOTES: PERFORMANCE OBTAINED AND CORRECTED IN ACCORDANCE WITH SAE J1723