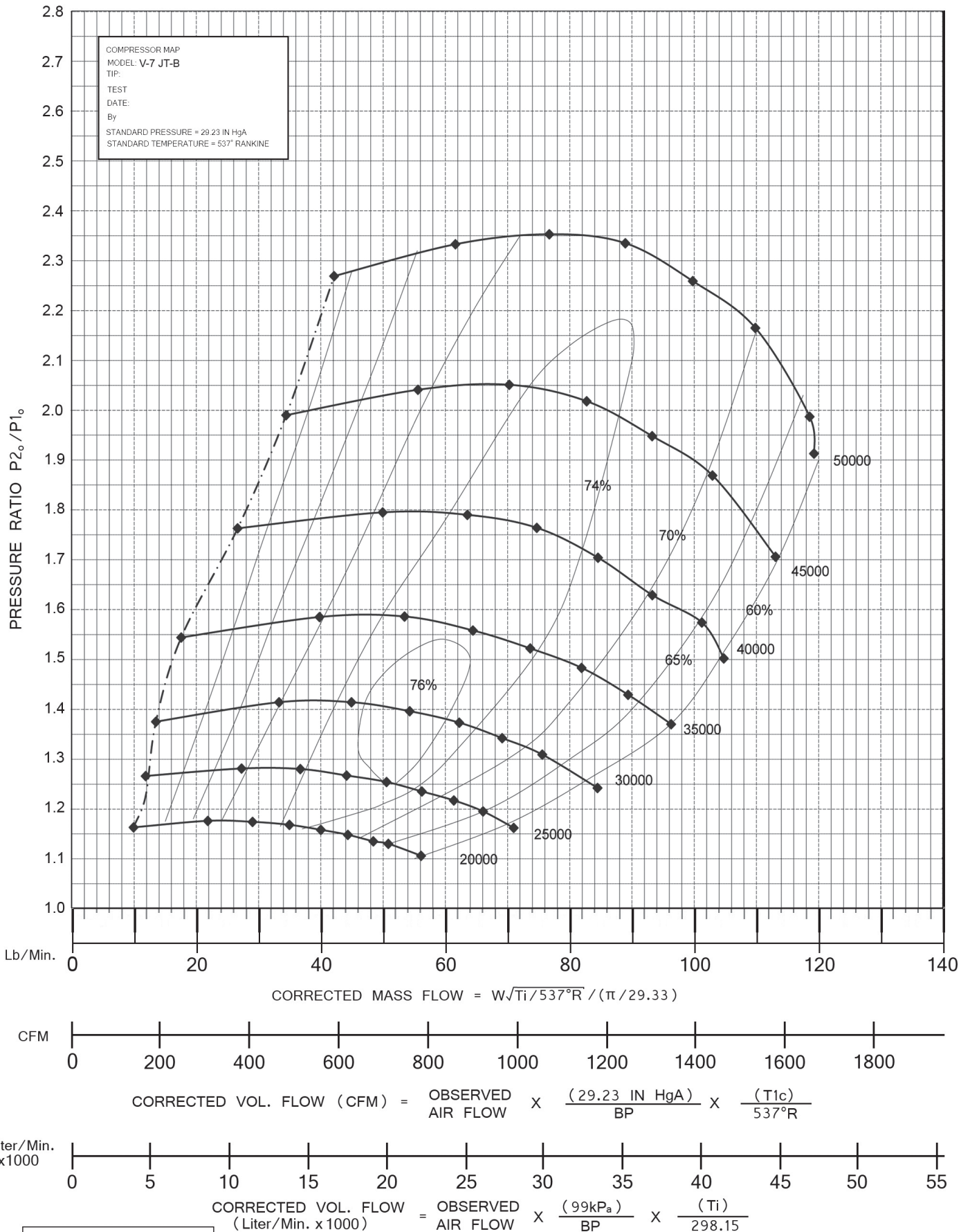


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 COMPRESSOR PERFORMANCE MAP
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COMPRESSOR MAP
 MODEL: V-7 JT-B
 TIP:
 TEST
 DATE:
 By
 STANDARD PRESSURE = 29.23 IN HgA
 STANDARD TEMPERATURE = 537° RANKINE

η = COMPRESSOR ISENTROPIC EFF., TOTAL-TOTAL
 P_1 = COMPRESSOR INLET AIR ABSOLUTE TOTAL PRESSURE (kPa)
 P_2 = COMPRESSOR DISCHARGE AIR ABSOLUTE TOTAL PRESSURE (kPa)
 T_1 = COMPRESSOR INLET AIR ABSOLUTE TEMPERATURE (K)
 T_2 = COMPRESSOR DISCHARGE AIR ABSOLUTE TEMPERATURE (K)
 $\gamma = [(P_2/P_1)^{0.286} - 1]$
 $\eta = [(T_1/T_2) / (T_2/T_1)] \times 100\%$

NOTES:
 PERFORMANCE OBTAINED AND CORRECTED IN ACCORDANCE WITH SAE J1723