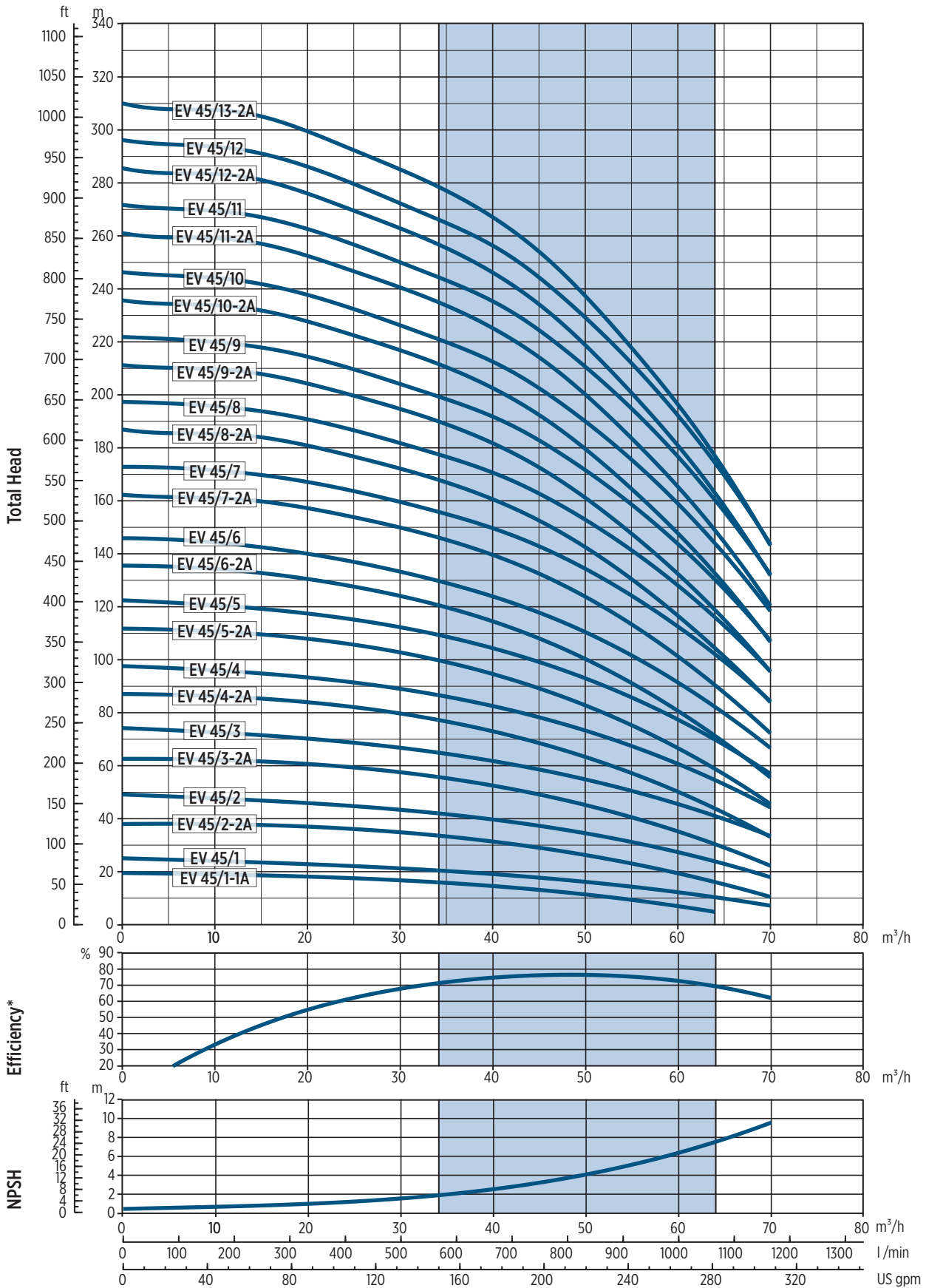


# EV 45 - PERFORMANCE CURVES AT 50 Hz

MEI ≥ 0,70



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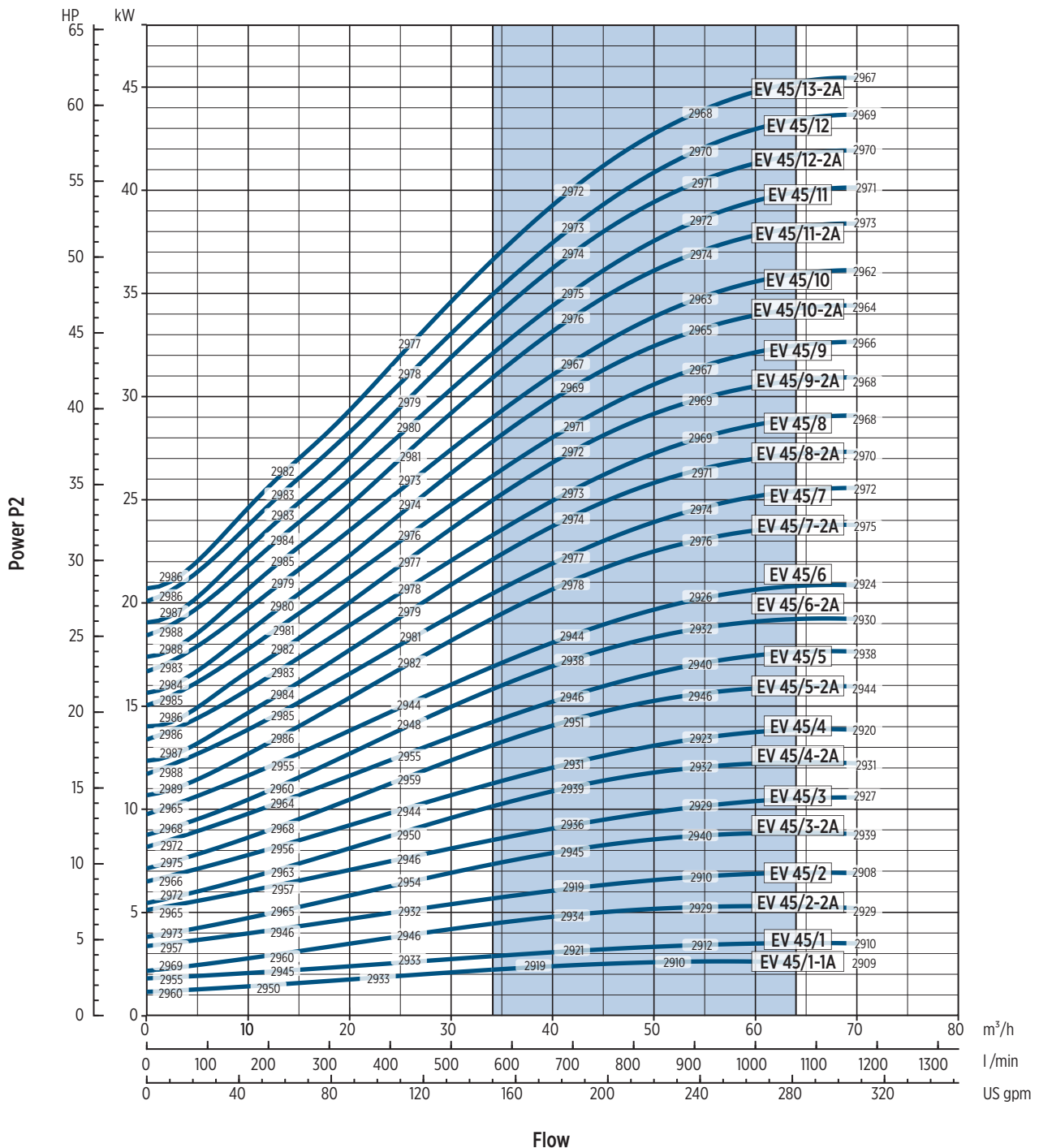
Flow

The hydraulic characteristics are guaranteed, according to ISO Standard 9906:2012, grade 3B



# EV 45 - PERFORMANCE CURVES AT 50 Hz

MEI ≥ 0,70



\* The efficiency value is referred to 5 or more stages only for full diameter impeller

Performance curves of Q, H and P depend on the rpm number according to the following formula:

$$Q_2 = Q_1 \cdot \left(\frac{n_2}{n_1}\right), \quad H_2 = H_1 \cdot \left(\frac{n_2}{n_1}\right)^2, \quad P_2 = P_1 \cdot \left(\frac{n_2}{n_1}\right)^3, \quad \eta \text{ remains approximately the same.}$$

The rpm number related to the performance curves (Q-H-P) is indicated in the power chart.

Performance curves (Q-H-P) will change according to the formulas above.

Q=Capacity, H=Head, P=Power, h=Efficiency

The hydraulic characteristics are guaranteed, according to ISO Standard 9906:2012, grade 3B