



- ① Minimum submergence required to prevent vortex formation. The submergence needed to provide adequate NPSH to the first stage impeller may be greater or less than shown. The larger of the two values must be used to determine actual minimum allowable submergence.
- ② Location of eye of first stage impeller. Use to calculate NPSH. This is also the minimum priming submergence. See note 1.
- ③ Maximum GPM exceeds recommended 8 ft. maximum head loss per 100 ft. of column. See sheet 302 for column friction losses. See Sheet 306 for additional Column Information.
- ④ Basis class 30 cast iron construction.
- ⑤ Use to calculate thrust load of pump.
- ⑥ Basis C-1045 or 410 S.S. shaft material at maximum thrust. See sheet 301A. Use rating factors for other materials.

