Horizontal End-Suction Pumps SBA1600S...2000S

Axial/semi-open impellers



## Horizontal End-Suction Pumps

are centrifugal inline pumps with a compact design where the impeller is mounted onto the extended motor shaft.
These pumps are not self-priming and must be gravity fed. All pumps are equipped with a single mechanical seal.
Upon request a second mechanical seal is available to allow for dry-running (-GD). This pump series is designed for horizontal installations next to a tank and for pumping air entrained coolant fluids, such as water-soluble coolants or cutting oils, as they occur in high speed turning, milling or grinding applications.
The SBA pumps are equipped with the user-friendly 45 degree flange connection which allows for either vertical or horizontal pipe connection and the connection of a pressure gauge with NPT 1/4.
For more information see mechanical features within the technical information section.

## Applications

Types of fluid coolants cooling/cutting oils
Kinematic viscosity ... 200 SSU (... $45 \mathrm{~mm}^{2} / \mathrm{s}$ )
Pumping temperature $30 \ldots 175^{\circ} \mathrm{F}\left(0 \ldots . .80^{\circ} \mathrm{C}\right)$

## Construction

| Pump body | cast iron |
| :--- | :--- |
| Cover | cast iron |
| Impeller axial | cast steel |
| Impeller radial | cast steel |
| Shaft | steel |
| Mechanical seal | SiC |
| Noise level |  |
| SBA1600S | 78 dBA |
| SBA2000S | 79 dBA |




