

## DIMENSIONS AND NOMINAL VALUES

TYPE	Depth of immersion h mm	Weight kg	Power kW	Voltage V(Δ/Y)	Frequency Hz	Rated current A	Speed rpm
HDA-02	143	12.1	0.55	230/400	50	1.9/1.1	2800
HDA-03	143	12.4	0.75	230/400	50	2.4/1.4	2780
HDA-04	164	12.7	0.75	230/400	50	2.4/1.4	2780
HDA-05	185	13.0	0.90	230/400	50	3.4/2.0	2790
HDA-06	206	13.3	0.90	230/400	50	3.4/2.0	2790

HDA Pump has the nominal values above. On demand, it can be supplied with other voltage and frequency values.

### Applications

HDA series serve for circulation of coolants and cutting fluids as cooling and lubrication units on machine tools.

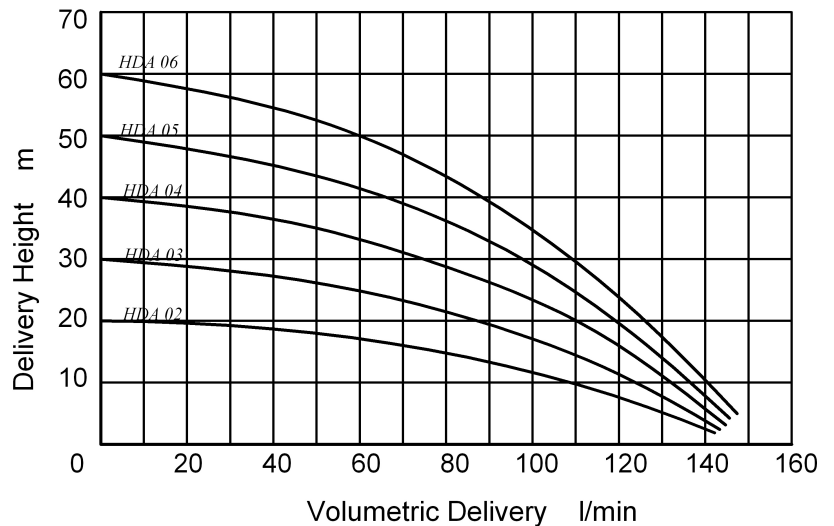
- Kinematic viscosity max. 30 mm<sup>2</sup>/s
- Operating temperature 0...80°C
- Noise level max. 72 dB

### Material Properties

- |                   |                 |
|-------------------|-----------------|
| - Pump body       | cast iron       |
| - Impellers       | stainless steel |
| - Diffusers       | stainless steel |
| - Shaft           | stainless steel |
| - O-rings         | viton           |
| - Mechanical seal | SiC             |

\* HDA Pump's immersion depths can be extended by using empty intermediate chambers.

### Performance Curve



DIMENSIONS OF THE PUMPS REFER TO STANDART SPECIFICATIONS EN 12157