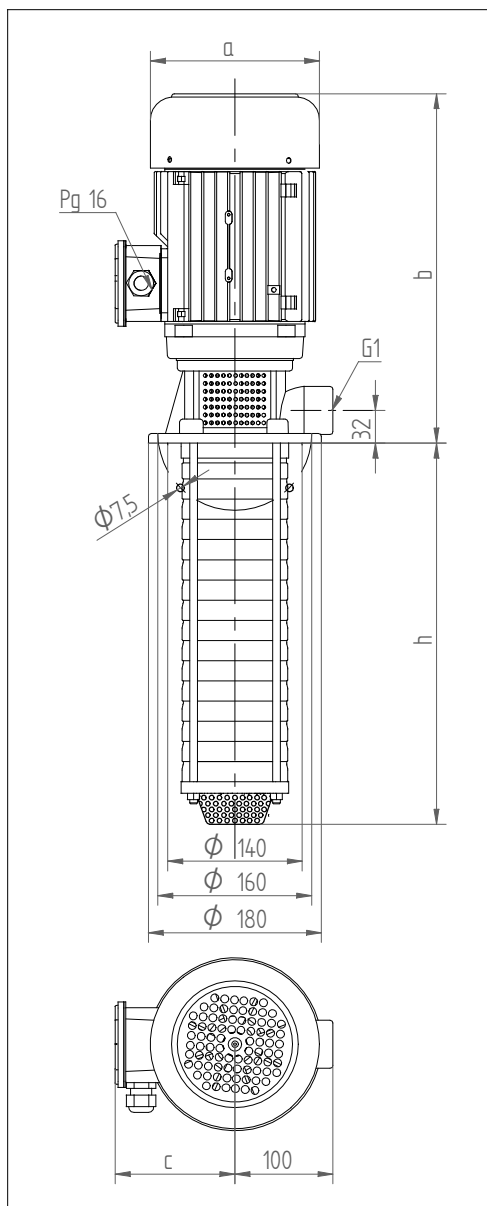


DIMENSIONS AND NOMINAL VALUES



TYPE	Depth of immersion h (mm)	a b c			Weight kg	Power Voltage		Frequency Hz	Rated current A	Speed rpm
		mm	mm	mm		kW	V(ΔY)			
HDB 10	291	∅176	362	124	23.2	2.2	230/400	50	8,7/5,0	2860
HDB 12	333	∅176	362	124	25.5	3	230/400	50	11,1/6,6	2880
HDB 15	396	∅176	362	124	26.5	3	230/400	50	11,1/6,6	2880
HDB 17	438	∅194	395	145	32.6	4	400 Δ	50	8,4	2900
HDB 20	501	∅194	395	145	33.5	4	400 Δ	50	8,4	2900
HDB 22	543	∅218	410	157	39.5	5.5	400 Δ	50	11,0	2880
HDB 25	606	∅218	410	157	40.4	5.5	400 Δ	50	11,0	2880

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

Applications

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

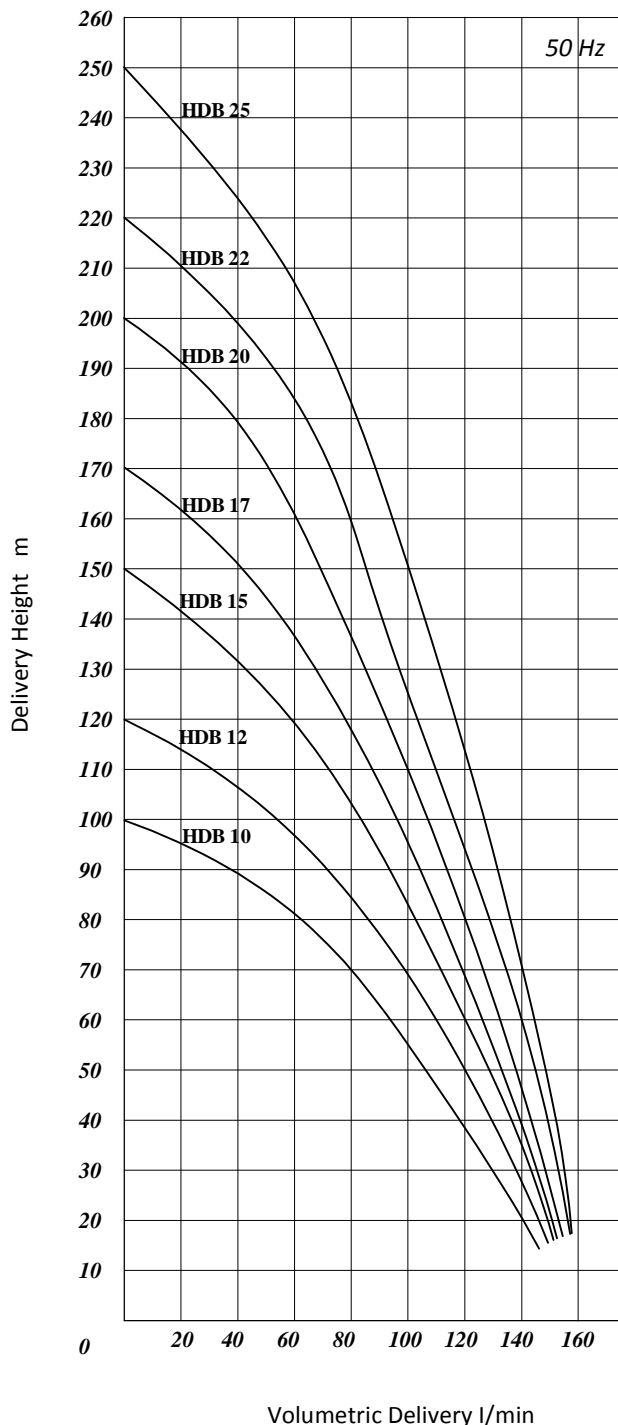
- Kinematic viscosity max. 30 mm²/s
- Operating temperature 0...80 °C
- Noise level max. 72 dB

Material Properties

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

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

Performance Curve



DIMENSIONS OF THE PUMPS REFER TO STANDART SPECIFICATIONS EN 12157