



HEB PUMP

Applications:

- Cutting, turning, milling, boring, grinding and similar applications of the machine tools,
- Especially used for deep hole boring operations due to supply 23 bar pressure,
- Circulation systems. HEB Pumps are used for pumping of cutting / cooling fluids.

Fluid Specifications:

- Coolants,
- Cutting oils,
- Grinding oils,
- Water,
- Fluid temperature 0...80 °C
- Kinematic viscosity 1...30 mm²/s

Materials:

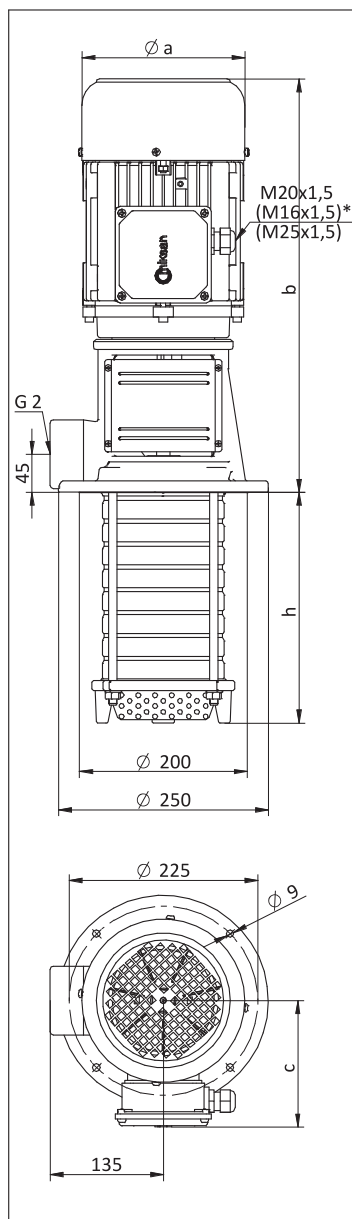
Pump body	: Cast iron - DIN GG 25
Bottom plate	: Cast iron - DIN GG 25
Diffuser	: Stainless steel - DIN 4301 (AISI 304)
Impeller	: Stainless steel - DIN 4301 (AISI 304)
Strainer	: Stainless steel - DIN 4301 (AISI 304)
Pump shaft	: Stainless steel - DIN 4401 (AISI 316)
O-ring	: Viton
Mechanical seal	: C - SiC - Viton TC - TC - Viton (Optional)
Electric motor	: 3 phase induction motor IE3 - 2 pole, Protection degree IP 55

* M16x1,5 cable gland is used on HEB 02 pump.

** M25x1,5 cable gland is used on HEB 14 to HEB 20 pumps.

*** The performance curves are based on 1 mm²/s (cSt) kinematic viscosity values and 997 kg/m³ density

**** Curve tolerance according to ISO 9906:2012 GRADE 3B.



	Depth of immersion				Weight	Power	Voltage	Frequency	Rated current	Speed
TYPE	h (mm)	a	b	c	kg	kW	V(Δ/Y)	Hz	A	rpm
		mm								
HEB 02	167	157	415	118	24.5	1.1	230/400	50	4.16/2.4	2890
HEB 03	167	176	437	139	28.5	1.5			5.72/3.3	2910
HEB 04	194	176	462	139	32.0	2.2			7.79/4.5	2905
HEB 05	221	194	489	150	38.5	3.0			10.39/6.0	2905
HEB 06	248	194	489	150	39.0	3.0			10.39/6.0	2905
HEB 07	275	194	489	150	39.5	3.0			10.39/6.0	2905
HEB 08	302	194	489	150	43.0	4.0			13.68/7.9	2900
HEB 10	356	218	502	163	49.5	5.5			17.15/9.9	2900
HEB 12	410	218	502	163	50.5	5.5			17.15/9.9	2900
HEB 14	464	258	578	177	79.0	7.5		400 Δ	14.0	2930
HEB 16	518	258	578	177	80.0	7.5			14.0	2930
HEB 18	572	258	578	177	81.0	7.5			14.0	2930
HEB 20	626	258	618	177	92.0	11.0			19.7	2930

Performance Curve

