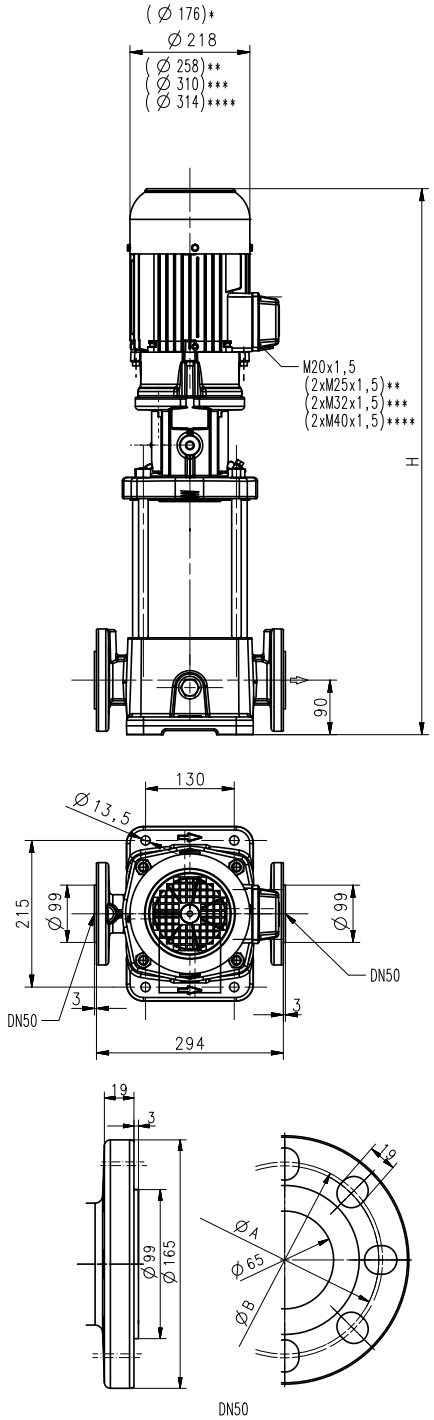
Inline pressure boosting pumps
IH17

Closed impellers

BRINKMANN PUMPS

50 Hz

IH1702...1717



A=Ø125 mm DN50
B=Ø127 mm 2" ANSI
B=Ø130 mm JIS 2"
*) Dimension for IH1702
**) Dimension for IH1706...1708
***) Dimension for IH1709...1712
****) Dimension for IH1713...1717

Type	Vol. del. at manom. del. head l/min /m	Height H mm	Weight kg	Power kW	Voltage 3 ~ V	Frequency Hz	Current A	Speed 1/min
IH1702A33	300/24	945	56	2.2	220-240	50	7.8	2890
					380-415	50	4.5	2890
IH1704A33	300/51	1014	76	5.0	220-240	50	17.3	2920
					380-415	50	10.0	2920
IH1706A33	300/77	1094	107	7.5	380-415	50	14.3	2950
IH1708A52	300/103	1286	123	9.0	380-415	50	16.7	2955
IH1710A52	300/130	1294	146	11.0	380-415	50	20.1	2960
IH1712A72	300/157	1486	155	13.0	380-415	50	24.2	2960
IH1714A72	300/186	1840	190	18.5	400	50	32	2955
IH1717A86	300/227	1984	200					

50 Hz

Inline pressure boosting pumps

are **multi-stage** centrifugal pumps with suction and discharge ports arranged on the same axis (inline). They operate with **closed impellers**, achieving **optimal hydraulic performance** with low motor power. Inline pumps of this design are not self-priming.

Having **opposing suction and discharge ports,** the pumps can be installed in horizontal pipelines or connected directly to the tank.

The pumps of the IH series are suitable, for example, for supplying coolant to internally cooled tools.

For further information, please refer to the technical information for medium-pressure pumps.

Applications

Types of fluid
- Industrial water
- coolants
- cooling/cutting oils

Kinematic viscosity
- ...25 mm^2/s (25 cSt)
- higher viscosity upon request

Pumping temperature
- 0...80° C

Construction

Pump body	cast iron
Connection cover	cast iron
Casing cover	cast iron
Impellers	CrNi-steel
Shaft	CrNi-steel
Diffusers	CrNi-steel
Mechanical seal	SiC
O-rings	Viton
Optional:	
Connection cover	CrNi-steel
Casing cover	CrNi-steel

Noise level	
IH1702	63 dBA
IH1704	71 dBA
IH1706...IH1712	74 dBA
IH1714...IH1717	78 dBA