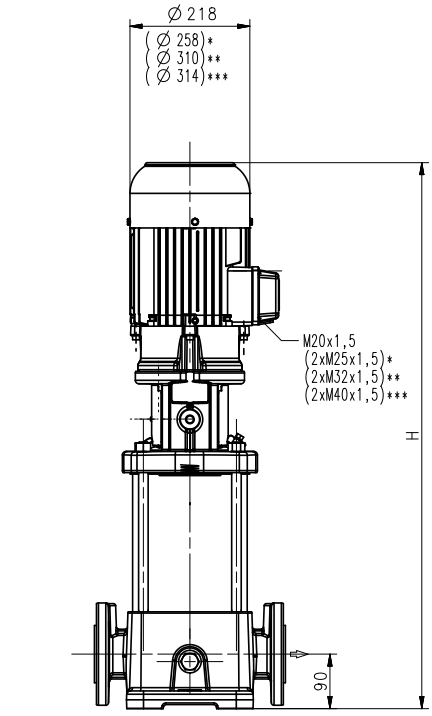
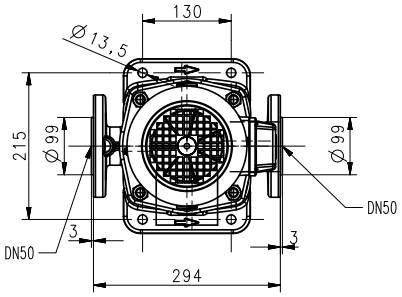
Inline pressure boosting pumps
IH17

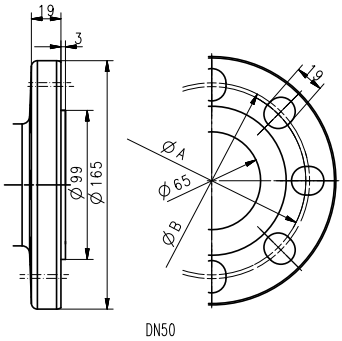
Closed impellers

60 Hz

IH1702...1711







A=Ø125 mm DN50
B=Ø127 mm 2" ANSI
B=Ø130 mm JIS 2"
*) Dimension for IH1705
**) Dimension for IH1706...1708
***) Dimension for IH1709...1711

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
IH1702B33	300/37	984	68	3.8	460	60	6.4	3520
IH1703B33	300/58	1014	75	5.75	460	60	9.5	3520
IH1705B33	300/99	1094	112	10.3	460	60	15.8	3550
IH1706B33	300/118	1100	135	12.6	460	60	19.5	3560
IH1708B52	300/160	1294	145	15.0	460	60	23.6	3560
IH1709B52	300/180	1599	165	17.3	460	60	27	3555
IH1710B52	300/200	1649	181	21.3	460	60	32	3555
IH1711B72	300/219	1840	189					

60 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
- ...20 mm^2/s (20 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...IH1703	74 dBA
IH1705	77 dBA
IH1706...IH1708	79 dBA
IH1709...IH1711	81 dBA