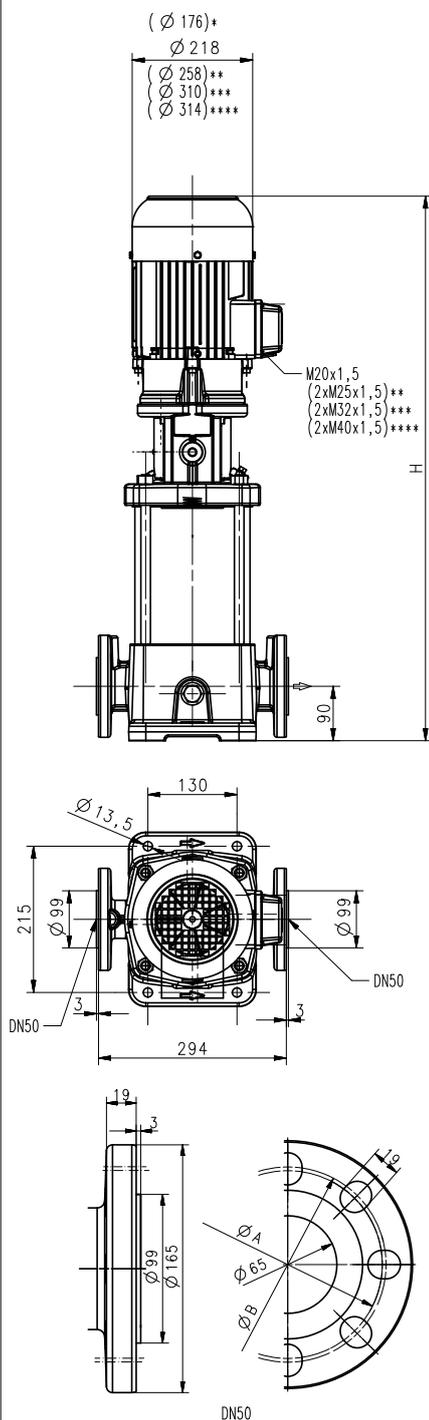


IH14

50 Hz

Closed impellers

IH1402...1417



A=Ø125 mm DN50
 B=Ø127 mm 2" ANSI
 B=Ø130 mm JIS 2"

*) Dimensions for IH1402

**) Dimensions for IH1408...1410

***) Dimensions for IH1412...1414

****) Dimensions for IH1417

Type	Vol. del. at manom. del. head l/min / m	Height H mm	Weight kg	Power kW	Voltage 3~ V	Fre- quen- cy Hz	Current A	Speed 1/min
IH1402A33	250/21	913	52	1.7	220-240 380-415	50 50	6.24 3.60	2890 2890
IH1404A33	250/48	984	69	3.3	220-240 380-415	50 50	11.6 6.7	2930 2930
IH1406A33	250/74	1014	77	5.0	220-240 380-415	50 50	17.3 10.0	2920 2920
IH1408A52	250/98	1286	117	7.5	380-415	50	14.3	2950
IH1410A52	250/120	1286	124	9.0	380-415	50	16.7	2955
IH1412A72	250/144	1486	155	11.0	380-415	50	20.1	2960
IH1414A72	250/170	1486	156	13.0	380-415	50	24.2	2960
IH1417A86	250/200	1924	184	15.0	400	50	27	2960

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 mm²/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

IH1402	63 dBA
IH1404...IH1406	71 dBA
IH1408...IH1414	74 dBA
IH1417	78 dBA

