

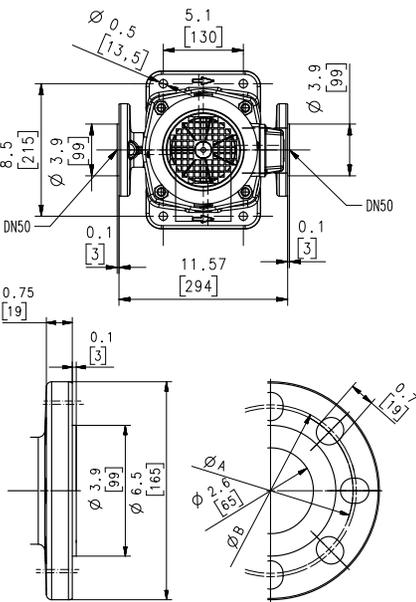
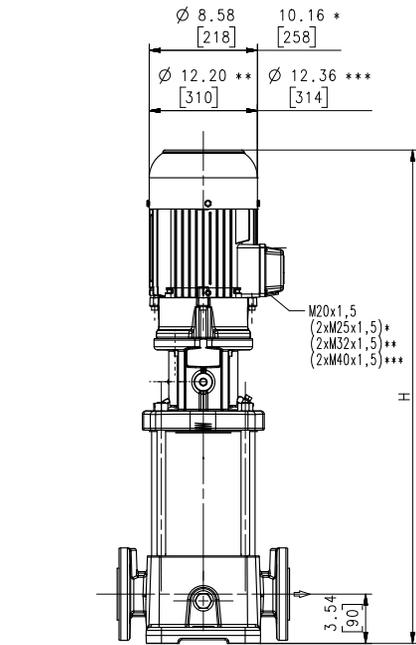
Inline pressure boosting pumps

IH17

Closed impellers



IH1702...1711



DN50/ANSI/JIS

Dimensions in Inches / mm

A= $\varnothing 4.92$ Inches / 125 mm DN50

B= $\varnothing 5$ Inches / 127 mm 2" ANSI

B= $\varnothing 5.12$ Inches / 130 mm JIS 2"

*) Dimensions for IH1705

**) Dimensions for IH1706...1708

***) Dimensions for IH1709...1711

Type	Flow at head	Height	Weight		Power	Voltage	Fre-	Current	Speed
	GPM /Feet l/min /m	H inch mm	Lbs	kg	HP kW	3~ V	quen- cy Hz	AMPS	RPM
IH1702S33	75/120	38.7	149.9	68	5.1	230	60	12.8	3520
	300/37	984			3.8	460	60	6.4	3520
IH1703S33	75/180	39.9	165	75	7.7	230	60	19.0	3520
	300/58	1014			5.75	460	60	9.5	3520
IH1705S33	75/330	43.1	247	112	13.8	230	60	31.6	3550
	300/99	1094			10.3	460	60	15.8	3550
IH1706S33	75/410	43.3	298	135	16.9	230	60	39.2	3560
	300/118	1100			12.6	460	60	19.6	3560
IH1708S52	75/530	50.9	320	145	20.1	230	60	48.2	3560
	300/160	1294			15.0	460	60	24.1	3560
IH1709S52	75/600	63.0	364	165	25.0	460	60	28	3560
	300/180	1599			18.5				
IH1710S52	75/660	64.9	399	181	30.0	460	60	34	3560
	300/200	1649			22.0				
IH1711S72	75/730	72.4	417	189					
	300/219	1840							



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.

Please see medium pressure pumps features in the Technical Information section of this catalog or call 248-926-9400 for details.

Applications

- Types of fluid
 Industrial water
 coolants
 cooling/cutting oils
- Kinematic viscosity
 ...115 SSU (...25 mm²/s)
 higher viscosity upon request
- Pumping temperature
 30...175 °F (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 (Motor only; Tolerance +3 dBA)	
IH1702...IH1703	74 dBA
IH1705	77 dBA
IH1706...ITH1708	79 dBA
IH1709	81 dBA
IH1710...IH1711	84 dBA

