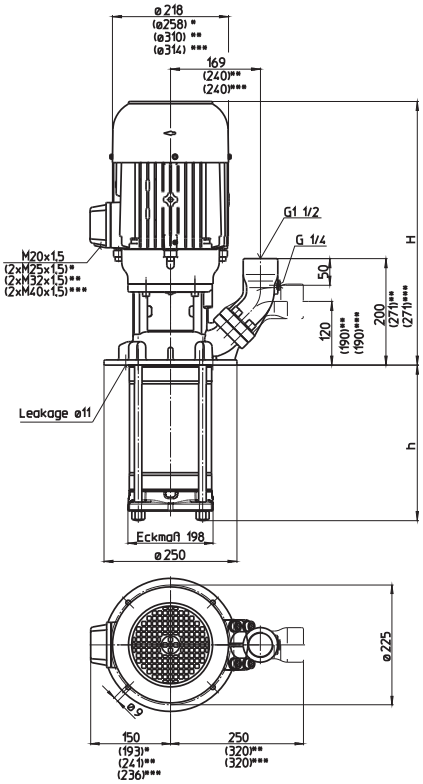
Immersion Pumps (S)TH17

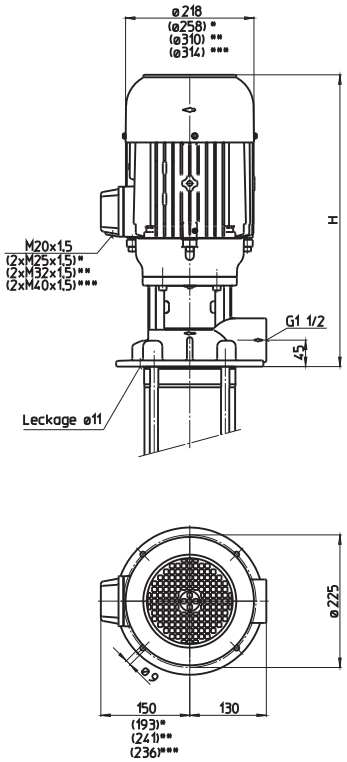
Closed impellers

60 Hz

STH1702...1711



TH1702...1711



*) Diemensions for (S)TH1704...1705
**) Diemensions for (S)TH1706...1708
***) Diemensions for (S)TH1709...1711

Type	Vol. del. at manom. del. head l/min /m	Height H mm	Depth of im-mersion h mm	Weight kg	Power kW	Voltage 3 ~ V	Fre-quen-cy Hz	Current A	Speed 1/min
(S)TH1702B180	300/37	531	182	55	3.8	460	60	6.4	3520
(S)TH1703B280	300/58	561	278	60	5.75	460	60	9.5	3520
(S)TH1704B280	300/80	640	278	86	8.6	460	60	13.7	3550
(S)TH1705B380	300/99	640	374	115	10.3	460	60	15.8	3550
(S)TH1706B380	300/118	647	374	118	12.6	460	60	19.5	3560
(S)TH1707B470	300/140	647	470	122	15.0	460	60	23.6	3560
(S)TH1708B470	300/160			123					
(S)TH1709B570	300/180	952	566	148	17.3	460	60	27	3555
(S)TH1710B570	300/200	1002	566	160	21.3	460	60	32	3555
(S)TH1711B660	300/219		662	161					

60 Hz

Immersion Pumps

series TH and FH use **closed impellers** in order to minimize power consumption and to optimize hydraulic pump efficiencies.
In addition, the TH series offers high pressures at short immersion depths.
Inline pumps of the series FH can be used as **boosting pumps** if provided with positive inlet pressure. This inlet pressure can be provided by the central coolant supply or a feed pump. In such a setup, pumps of the series FH can raise the incoming pressure by up to 26 bar.

Extended length is possible. See medium pressure pumps features within the technical information section.

Applications

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

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

Pumping temperature
- 0...80° C

Construction

Pump body	cast iron
Cover	cast iron
Impellers	CrNi-steel
Shaft	CrNi-steel
Diffusers	CrNi-steel
Mechanical seal	SiC
O-rings	Viton

Optional:

Pump body	CrNi-steel
Cover	CrNi-steel

Noise level

(S)TH1702...(S)TH1703	74 dBA
(S)TH1704...(S)TH1705	77 dBA
(S)TH1706...(S)TH1708	79 dBA
(S)TH1709...(S)TH1711	81 dBA