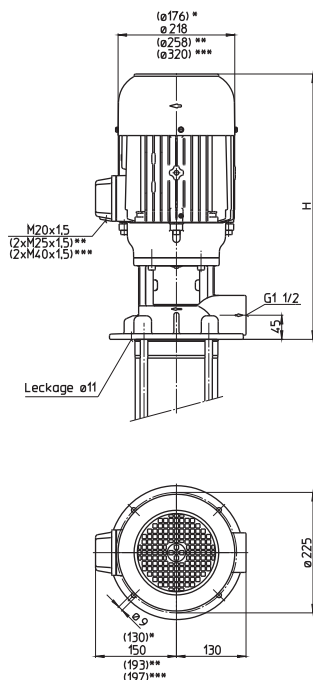
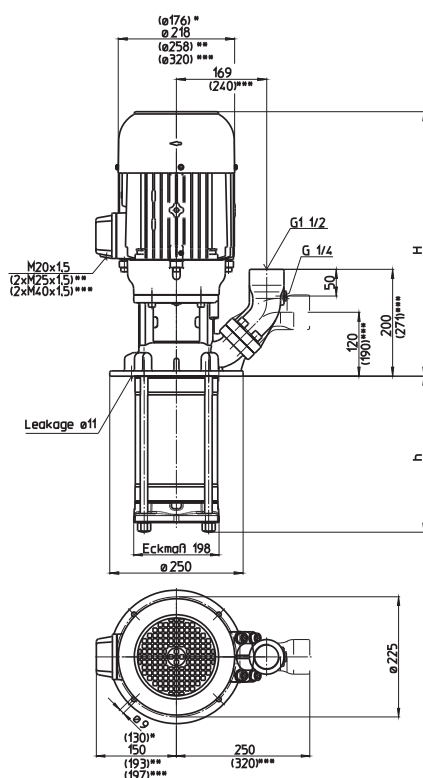


TH1402...1417



STH1402...1417



*) Dimension for (S)TH1402...1403

**) Dimension for (S)TH1406...1413

***) Dimension for (S)TH1414...1417

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- quency Hz	Rated current A	Speed 1/min
(S)TH1402A180	250/21	406	182	35	1.7	220-240 380-420	50 50	7.1 4.1	2850 2850
(S)TH1403A280	250/38	441	278	41	2.6	220-240 380-420	50 50	10.9 6.3	2850 2850
(S)TH1404A280	250/48	496	278	52	3.3	220-240 380-420	50 50	13.8 8.0	2900 2900
(S)TH1405A380	250/60	496	374	57	4.0	220-240 380-420	50 50	16.5 9.5	2900 2900
(S)TH1406A380	250/74	532	374	74	5.0	220-240 380-420	50 50	20.8 12.0	2900 2900
(S)TH1407A470	250/85	532	470	76	5.5	220-240 380-420	50 50	22.0 12.5	2900 2900
(S)TH1408A470	250/98	570	470	85	7.5	220-240 380-420	50 50	29 17	2900 2900
(S)TH1409A570	250/110		566	87					
(S)TH1410A570	250/120	620	566	102	10.0	220-240 380-420	50 50	40 23	2900 2900
(S)TH1411A660	250/134		662	105					
(S)TH1412A660	250/144			106					
(S)TH1413A760	250/159		758	108					
(S)TH1414A760	250/170	926	758	126	15.0	400	50	26.5	2945
(S)TH1415A900	250/180		902	129					
(S)TH1416A900	250/190			130					
(S)TH1417A900	250/200			131					

Immersion pumps

Closed impellers

(S)TH14 - 50 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 mechanical/hydraulic features within the technical information section.

Applications

Types of fluid
water
coolants
cooling/cutting oils
Kinematic viscosity
...25 mm²/s (25 cSt)
Pumping temperature
0...80° C

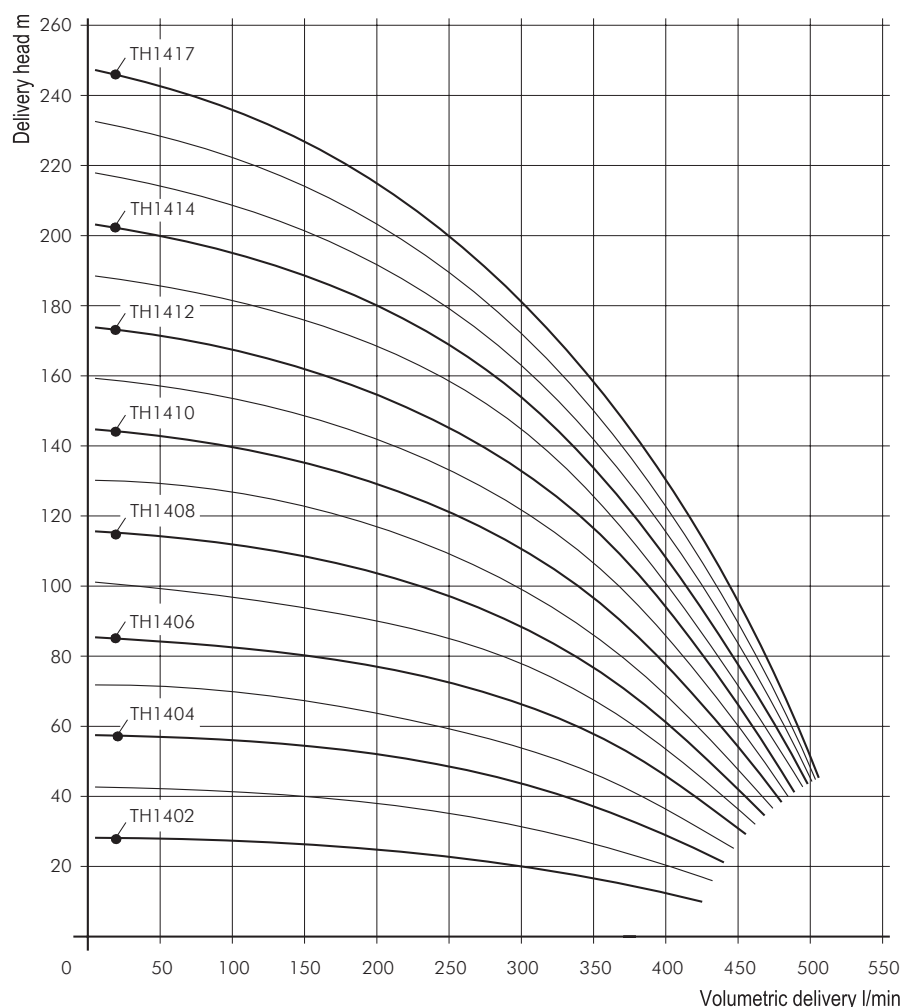
Construction

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

Optional:
Pole-changing motor 4 - 2 poles

50 Hz

Noise level
(S)TH1402...(S)TH1403 63 dBA
(S)TH1404...(S)TH1407 71 dBA
(S)TH1408...(S)TH1413 74 dBA
(S)TH1414...(S)TH1417 78 dBA



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