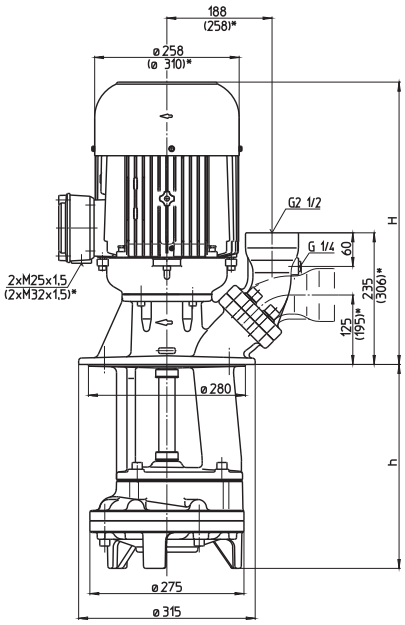
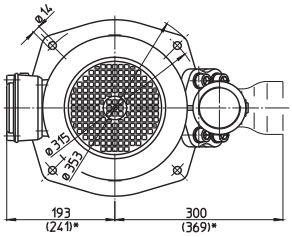
Immersion Pumps
STA1600...2500

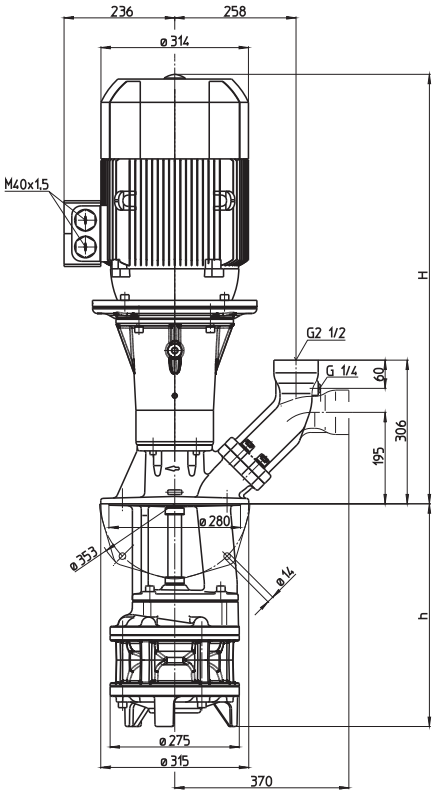
Semi-open impellers

STA1600, 2000





STA1602...2500



*) Dimensions for STA2000

Type	Vol. del. at manom. del. head l/min /m	Height H mm	Depth of immersion h mm	Weight kg	Power kW	Voltage 3 ~ V	Frequency Hz	Current A	Speed 1/min
STA1600/300	1300/15	612	300	133	9.0	380-415	50	16.7	2955
430			430	135					
550			550	142	10.3	460	60	15.8	3550
800			800	159					
1050			1050	169					
STA2000/300	1600/15	620	300	157	11.0	380-415	50	20.1	2960
430			430	159					
550			550	166	12.6	460	60	19.5	3560
800			800	183					
1050			1050	186					
STA1602/410	1300/37	974	410	229	18.5	400	50	32	2955
540			540	235					
660			660	239	21.3	460	60	32	3555
910			910	246					
1160			1160	250					
STA2002/410	1600/47	978	410	249	22.0	400	50	37.5	2950
540			540	255					
660			660	259	25.3	460	60	37.5	3550
910			910	266					
1160			1160	270					
STA2500/330	2200/20	974	330	200	18.5	400	50	32	2955
460			460	205					
580			580	210	21.3	460	60	32	3555
830			830	227					
1080			1080	230					

Immersion Pumps

are plain centrifugal pumps with the impeller fitted on the driving shaft extension. They are mounted on top of the container, the pump extension being immersed in the coolant.
The maximum coolant level must stay a few mm/inches below the mounting flange.
The STA serie offers a **flange** with pressure gauge connection port.
The flange can be rotated for either horizontal or vertical pipe connections.

All types are also available as quick-suctioning immersion pumps equipped with **"BRINKMANN's Suction De-aeration System".** See series SAL.

Applications

Types of fluid
coolants
cooling/cutting oils
Kinematic viscosity
...45 mm²/s (45 cSt)
Pumping temperature
0...80° C

Construction

Pump body	cast iron
Cover	cast iron
Impeller	cast steel
Shaft	steel
Other materials	on request

Noise level

STA1600...STA2000	74 dBA
STA1602...STA2500	78 dBA