

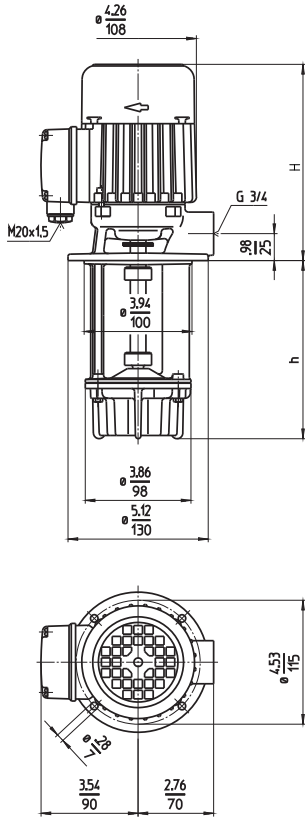
# Quick Suctioning Immersion Pumps

## TL50

Axial/semi-open impellers



### TL50



Dimensions in Inches / mm

Type	Flow at head		Height		Depth of im- mersion		Weight		Power HP kW	Voltage 3~ V	Fre- quen- cy Hz	Current Speed	
	GPM /Feet l/min /m	H inch mm	h inch mm	h inch mm	Lbs kg	HP kW	AMPS	RPM					
<b>TL50S110</b>	12.5/12 40/4	7.8 198	4.72 120	14.3 6.5	0.26 0.195	208-230 460	60 60	1.00 0.49	3345 3345				
<b>140</b>			5.71 145	15.2 6.9									
<b>190</b>			7.68 195	15.7 7.1									
<b>240</b>			9.65 245	16.5 7.5									
<b>290</b>			11.61 295	17.2 7.8									
<b>370</b>			14.76 375	18.7 8.5									



**Quick Suctioning Immersion Pumps**

equipped with the patented "BRINKMANN's Suction De-aeration System" are excellently suited for pumping **extremely air entrained fluids** (emulsions resp. cooling/cutting oils) as they occur in heavy cutting when turning, milling or grinding. The quick suctioning immersion pumps reach stable working conditions as soon as the liquid level reaches the suction inlet.

**Applications**

- Types of fluid
  - coolants
  - cooling/cutting oils
- Kinematic viscosity
  - ...200 SSU (...45 mm<sup>2</sup>/s)
- Pumping temperature
  - 30...175 °F (0...80 °C)

**Construction**

Pump body	cast iron
Cover	cast iron
Impeller axial	cast steel
Impeller radial	brass
Shaft	steel
Optional: Impeller radial	cast steel

