

Quick Suctioning Immersion Pumps

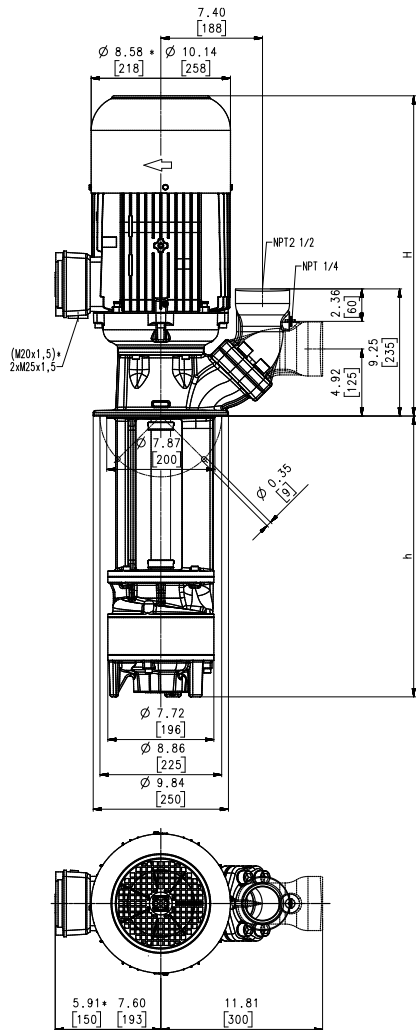
SZG701...1002

Axial/open impellers



60 Hz

SZG701...1002



*) Dimensions for SZG701, 1001, 1101

Type	Flow at head		Height H inch h mm	Depth of im- mersion h inch h mm		Weight Lbs kg		Power HP kW	Voltage 3 ~ V	Fre- quen- cy Hz	Current AMPS	Speed RPM
	GPM /Feet l/min /m											
SZG701S220	75/54 300/15		19.8 503	8.66 220		145.5 66		5.1 3.8	230 460	60 60	12.8 6.4	3520 3520
320				12.60 320		152.1 69						
450				17.72 450		161.0 73						
570				22.44 570		170 77						
770				30.31 770		196 89						
1000				39.37 1000		209 95						
SZG1001S220	125/52 500/15		21.0 533	8.66 220		161.0 73		7.7 5.75	230 460	60 60	19.0 9.5	3520 3520
320				12.60 320		168 76						
450				17.72 450		176 80						
570				22.44 570		185 84						
770				30.31 770		212 96						
1000				39.37 1000		225 102						
SZG1101S220	100/70 400/21		21.0 533	8.50 216		158.8 72		7.7 5.75	230 460	60 60	19.0 9.5	3520 3520
320				12.44 316		165 75						
450				17.56 446		174 79						
570				22.28 566		183 83						
770				30.16 766		209 95						
1000				39.21 996		223 101						
SZG702S290	75/107 300/31		24.1 612	11.42 290		247 112		11.5 8.6	230 460	60 60	27.8 13.9	3550 3550
390				15.35 390		256 116						
520				20.47 520		262 119						
640				25.20 640		269 122						
840				33.07 840		311 141						
1070				42.13 1070		324 147						
SZG1002S290	125/104 500/30		24.1 612	11.42 290		262 119		13.8 10.3	230 460	60 60	31.6 15.8	3550 3550
390				15.35 390		269 122						
520				20.47 520		278 126						
640				25.20 640		287 130						
840				33.07 840		313 142						
1070				42.13 1070		329 149						

60 Hz

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of **series SZG** are equipped with the patented "BRINKMANN's Suction De-aeration System" and are excellently suited for pumping **fluids** (grinding oils) **with very high air entrainment** as they occur in high-speed grinding.

The quick suctioning immersion pumps reach stable working conditions as soon as the liquid level reaches the suction inlet.

The SZG pumps are equipped with the user-friendly 45 degree **flange** connection which allows for either vertical or horizontal pipe connection and the connection of a pressure gauge.

Applications

Types of fluid

grinding oils
cooling/cutting oils
coolants

Kinematic viscosity

...200 SSU (...45 mm²/s)

Pumping temperature

30...175 °F (0...80 °C)

Construction

Pump body	cast iron
Cover	cast iron
Impeller axial	cast steel
Impeller radial	cast steel
Shaft	steel

