

The **AST** series uses **three-phase motors** and have been specifically designed for machine tools, ceramic and glass process machinery, and for all those cases in which liquids or coolants must be moved.



## AST THREE PHASE VERSION

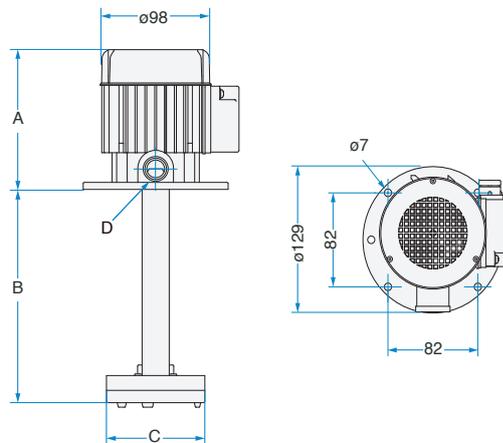
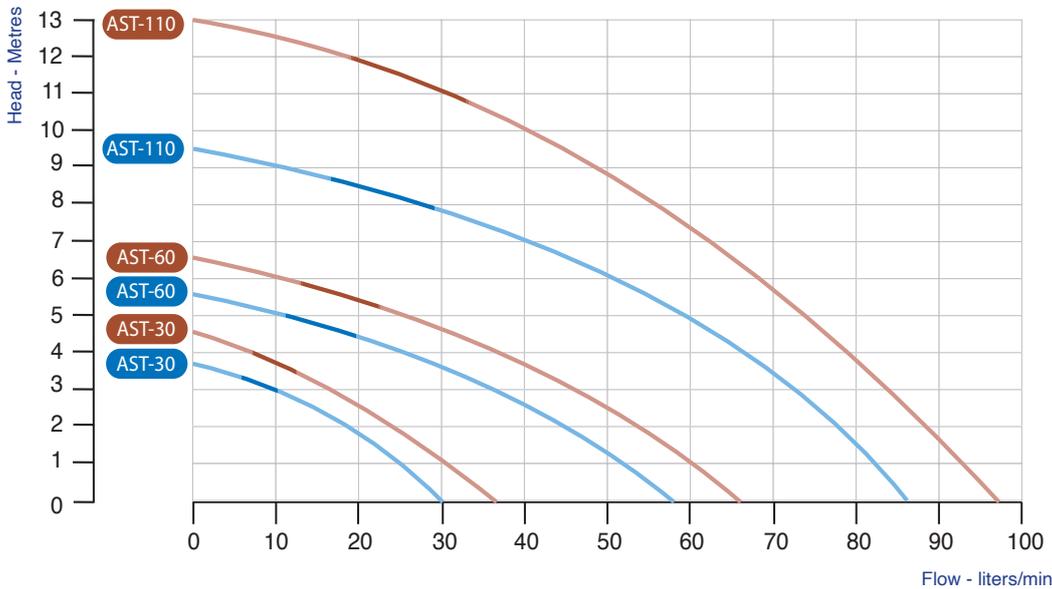
### TECHNICAL SPECIFICATIONS



<b>Category</b>	CENTRIFUGAL-PUMP with immersed vertical axis.
<b>Windings</b>	Three-phase motor with Class F winding.
<b>Motor body</b>	Extruded aluminium casing.
<b>Protection</b>	IP 54 ingress protection rating.
<b>Safety</b>	Built-in thermal motor protection system.
<b>Ball bearings</b>	NSK and SKF (long-life) self-lubricant bearings or equivalent, in semi-rigid noise-damping housings.
<b>Motor shaft</b>	AISI 303 stainless steel shaft.
<b>Connections</b>	Motor power cord 1.100 mm long without plug.
<b>Immersion</b>	Motor-driven pump with immersed vertical axis without clamping devices.
<b>Optional</b>	Upon request the pumps can be assembled with fastening parts in stainless steel or anti-oxidant materials (see picture no. 2).
<b>Power supply</b>	Voltages and frequencies according to customer's specific requirements can be supplied.
<b>Note</b>	<b>PATENTED device.</b> Read the instruction booklet for correct set up and use. Designed for industrial use with CE certified tool machinery only. Not intended for food contact.



WITH STAINLESS STEEL  
(OPTIONAL)



**ACCESSORIES:**  
Pipe Fitting 3/8" & 1/2"



TYPE	Volt	Hz	Amp	KWatt (IN)	Hp	RPM	A	B	C	D Ø OUT	Weight [Kg]
AST-30	230/400	50-60	0,30-0,30	0,09	0,12	2800-3200	125	85/120/150/180/200/250	87	3/8"	1,8
AST-60	230/400	50-60	0,33-0,28	0,12	0,16	2800-3200	125	85/120/150/180/200/250	87	1/2"	1,8
AST-110	230/400	50-60	0,45-0,58	0,15	0,20	2800-3300	141	170/200	87	1/2"	2,3