

SALES & ENGINEERING DATA

AMU22S010-H14XA0X

MAGNETIC DRIVE CENTRIFUGAL PUMP

RELEASED: 3-31-00
REVISED: 5-25-10
(REV. 02)
S-1161

DIMENSIONAL DATA

MODEL AMU22S010-H14XA0X

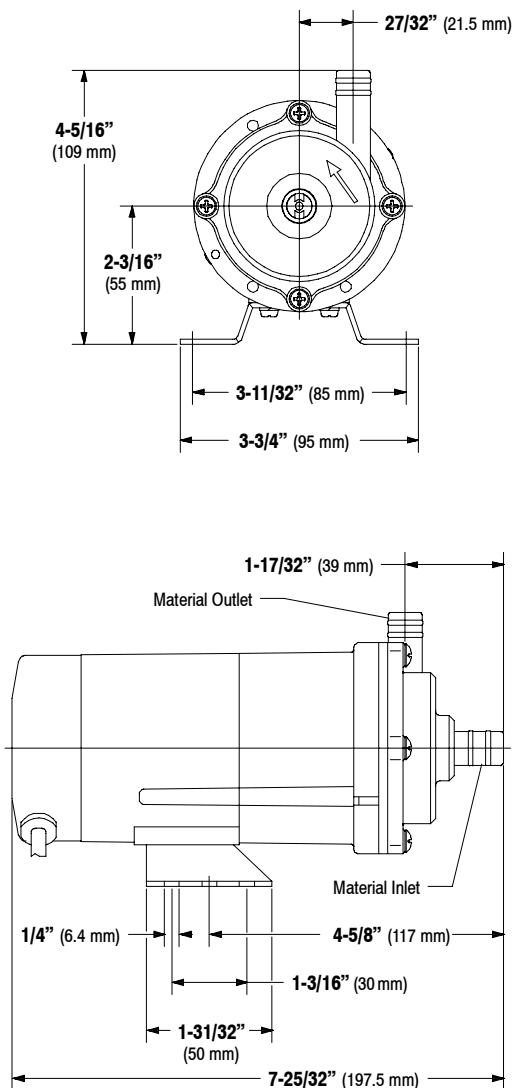


FIGURE 1

NOTE: Dimensions are shown in inches and (mm), supplied for reference only and are typically rounded up to the nearest 1/32 inch.

SPECIFICATIONS

Model Series	AMU22S010-H14XA0X
Pump Type	Magnetic drive, centrifugal pump
Power Supply	
AMU22S010-H14XA02	220 Vac
AMU22S010-H14XA01	110 Vac
Power Cord Length	47-1/4" (120 cm)
Insulation	E class
Rated Speed ^①	
AMU22S010-H14XA01	3200 r.p.m.
AMU22S010-H14XA02	2700 r.p.m.
Material Inlet	1/2" (14 mm) i.d. hose
Material Outlet	1/2" (14 mm) i.d. hose
Repair Kit	
AMU22S010-H14KA0X	AMKU22S010-H14KA
AMU22S010-H14PA0X	AMKU22S010-H14PA
Weight	3.7 lbs (1.7 kgs)

MATERIALS OF CONSTRUCTION

Front Casing	
AMU22S010-H14KA0X	PVDF (Kynar)
AMU22S010-H14PA0X	Glass Filled Polypropylene
Rear Casing	
AMU22S010-H14KA0X	PVDF (Kynar)
AMU22S010-H14PA0X	Glass Filled Polypropylene
Impeller	
AMU22S010-H14KA0X	PVDF (Kynar)
AMU22S010-H14PA0X	Glass Filled Polypropylene
Spindle	Ceramic
Bearing	Ceramic
Front Thrust Pad	Rulon
"O" Ring	Viton
Rear Thrust Pad	
AMU22S010-H14KA0X	PTFE
AMU22S010-H14PA0X	Polyphenylene Sulfide

PERFORMANCE

Total Head	
AMU22S010-H14XA01	10.2 feet (3.1 meters)
AMU22S010-H14XA02	6.9 feet (2.1 meters)
Maximum Flow	
AMU22S010-H14XA01	4.5 g.p.m. (17 l.p.m.)
AMU22S010-H14XA02	4.0 g.p.m. (15 l.p.m.)
Maximum Liquid Temperature Limits	
AMU22S010-H14KA0X	32 - 176° F (0 - 80° C)
AMU22S010-H14PA0X	32 - 140° F (0 - 60° C)
Noise Level	60 db(A) ^②

① Speed data shown at 120 V / 60 Hz or 220 V / 50 Hz.

② Microphone located 3.3' (1 m) from the pump.

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PERFORMANCE CURVES

