

SALES & ENGINEERING DATA

AMX43S250-X10XR0X

MAGNETIC DRIVE CENTRIFUGAL PUMP

RELEASED: 3-31-00
REVISED:
S-1165

DIMENSIONAL DATA

MODEL AMX43S250-X10XR0X

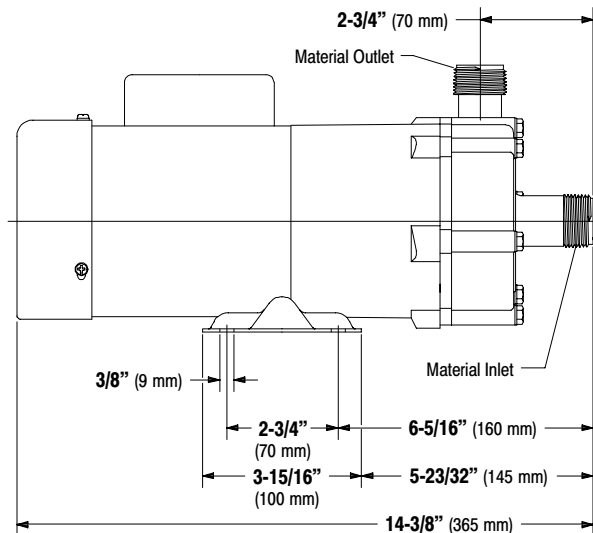
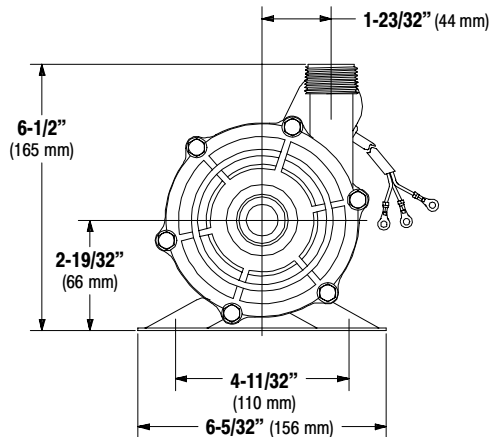


FIGURE 1

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	AMX43S250-X10XR0X
Pump Type	Magnetic drive, centrifugal pump
Power Supply	
AM543S250-G10XR02	.. 220 Vac
AM643S250-T10XR01	.. 110 Vac
Power Cord Length	.. 47-1/4" (120 cm)
Insulation	.. E class
Rated Speed ^①	
AM543S250-G10XR02	.. 2700 r.p.m.
AM643S250-T10XR01	.. 3200 r.p.m.
Material Inlet	
AM543S250-G10XR02	.. 1 - 11 BSP
AM643S250-T10XR01	.. 1 - 11-1/2 N.P.T.
Material Outlet	
AM543S250-G10XR02	.. 1 - 11 BSP
AM643S250-T10XR01	.. 1 - 11-1/2 N.P.T.
Repair Kit	
AM543S250-G10PR02	.. AMK543S250-G10PR
AM543S250-G10TR02	.. AMK543S250-G10TR
AM643S250-T10PR01	.. AMK643S250-T10PR
AM643S250-T10TR01	.. AMK643S250-T10TR
Weight	.. 17.6 lbs (8 kgs)

MATERIALS OF CONSTRUCTION

Front Casing	
AMX43S250-X10PR0X	.. Glass Filled Polypropylene
AMX43S250-X10TR0X	.. E.T.F.E. (carbon filled)
Rear Casing	
AMX43S250-X10PR0X	.. Glass Filled Polypropylene
AMX43S250-X10TR0X	.. E.T.F.E. (carbon filled)
Impeller	
AMX43S250-X10PR0X	.. Glass Filled Polypropylene
AMX43S250-X10TR0X	.. E.T.F.E. (carbon filled)
Spindle	.. Ceramic
Bearing	.. Rulon
Front Thrust Pad	.. Ceramic
"O" Ring	.. Viton
Rear Thrust Pad	.. Ceramic

PERFORMANCE

Total Head	
AM543S250-G10PR02	.. 41.0 feet (12.5 meters)
AM643S250-T10PR01	.. 45.9 feet (14 meters)
AMX43S250-X10TR0X	.. 37.7 feet (11.5 meters)
Maximum Flow	
AMX43S250-X10PR0X	.. 31.7 g.p.m. (120 l.p.m.)
AMX43S250-X10TR0X	.. 22.5 g.p.m. (85 l.p.m.)
Maximum Liquid Temperature Limits	
AMX43S250-X10PR0X	.. 32 - 158° F (0 - 70° C)
AMX43S250-X10TR0X	.. 32 - 194° F (0 - 90° C)
Noise Level	.. 75 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

