

SALES & ENGINEERING DATA

AWX59L005-FXXCCFX MAGNETIC DRIVE CENTRIFUGAL PUMP

RELEASED: 3-31-00
REVISED:
S-1166

DIMENSIONAL DATA

MODEL AWX59L005-FXXCCFX

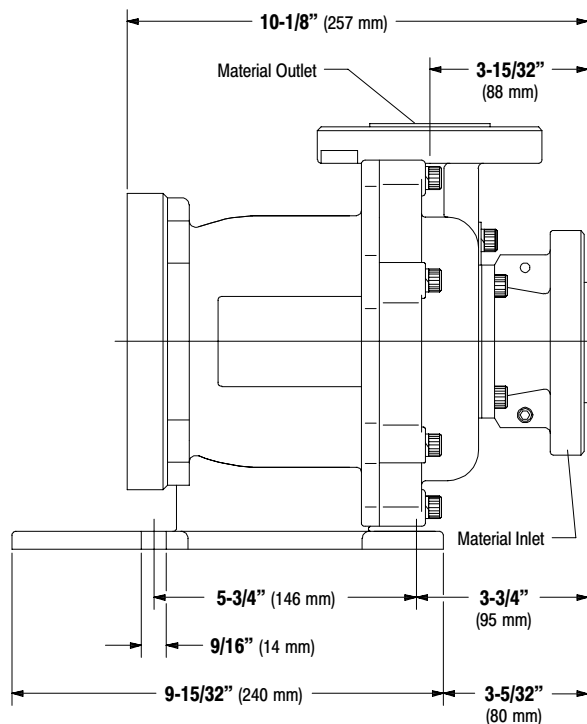
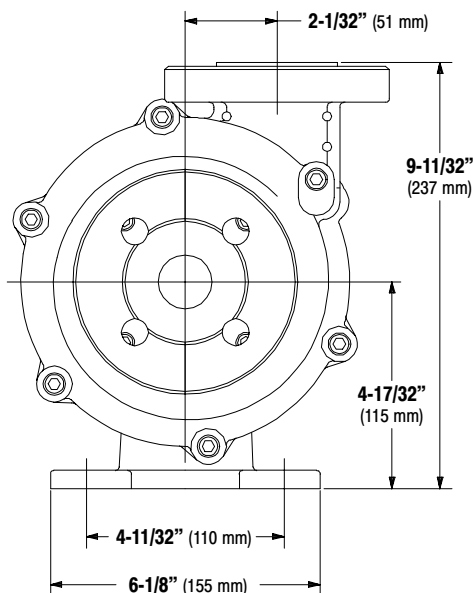


FIGURE 1

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	AWX59L005-FXXCCFX
Pump Type	Magnetic drive, centrifugal pump
Power Supply	1/2 h.p.
Rated Speed ^①	
AW559L005-F25CCF2	.. 2820 r.p.m.
AW659L005-F32CCF1	.. 3440 r.p.m.
Material Inlet (A.N.S.I. / DIN)	
AW559L005-F25CCF2	.. 1" (25 mm) flange
AW659L005-F32CCF1	.. 1-1/4" (32 mm) flange
Material Outlet (A.N.S.I. / DIN)	
AW559L005-F25CCF2	.. 1" (25 mm) flange
AW659L005-F32CCF1	.. 1-1/4" (32 mm) flange
Motor Mounting Flange	
AW559L005-F25CCF2	.. IEC
AW659L005-F32CCF1	.. NEMA "C"
Repair Kit	
AW559L005-F25CCF2	.. AWK559L005-F25CC
AW659L005-F32CCF1	.. AWK659L005-F32CC
Weight	39.7 lbs (18 kgs)

MATERIALS OF CONSTRUCTION

Front Casing	E.T.F.E. (carbon filled) lined Cast Iron
Rear Casing	E.T.F.E. (carbon filled) lined Cast Iron
Impeller	E.T.F.E. (carbon filled)
Spindle	Ceramic
Bearing	High Density Carbon
Front Thrust Pad	Ceramic
"O" Ring	Viton
Rear Thrust Pad	Ceramic
Magnet Capsule	E.T.F.E. (carbon filled)

PERFORMANCE

Total Head	
AW559L005-F25CCF2	.. 32.2 feet (9.8 meters)
AW659L005-F32CCF1	.. 32.8 feet (10 meters)
Maximum Flow	
AW559L005-F25CCF2	.. 60.8 g.p.m. (230 l.p.m.)
AW659L005-F32CCF1	.. 56.8 g.p.m. (215 l.p.m.)
Maximum Liquid Temperature Limits	.. 32 - 194° F (0 - 90° C)
Noise Level	.. 79 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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