

SALES & ENGINEERING DATA

AWX59L005-F40PCFX

MAGNETIC DRIVE CENTRIFUGAL PUMP

RELEASED: 3-31-00
REVISED:
S-1167

DIMENSIONAL DATA

MODEL AWX59L005-F40PCFX

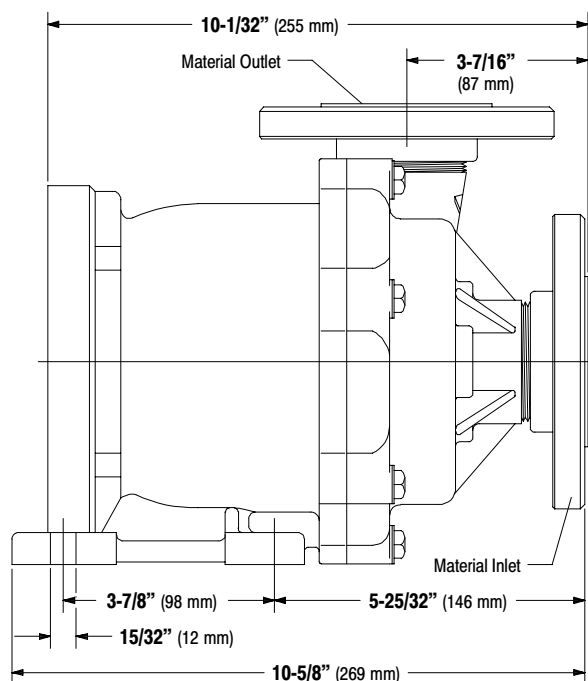
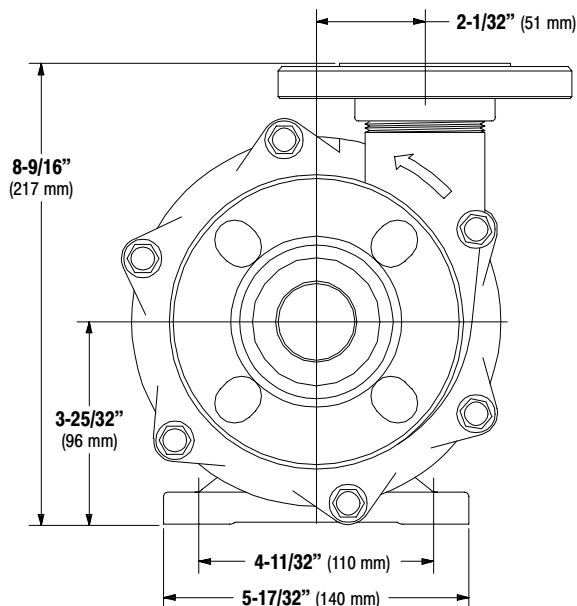


FIGURE 1

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-F40PCFX
Pump Type	Magnetic drive, centrifugal pump
Power Supply	1/2 h.p.
Rated Speed ^①	
AW559L005-F40PCF2	.. 2860 r.p.m.
AW659L005-F40PCF1	.. 3440 r.p.m.
Material Inlet (A.N.S.I. / DIN)	1-1/2" (40 mm) flange
Material Outlet (A.N.S.I. / DIN)	1-1/2" (40 mm) flange
Motor Mounting Flange	
AW559L005-F40PCF2	.. IEC
AW659L005-F40PCF1	.. NEMA "C"
Repair Kit	
AW559L005-F40PCF2	.. AWK559L005-F40PC
AW659L005-F40PCF1	.. AWK659L005-F40PC
Weight	19.8 lbs (9 kgs)

MATERIALS OF CONSTRUCTION

Front Casing	Glass Filled Polypropylene
Rear Casing	Glass Filled Polypropylene
Impeller	Glass Filled Polypropylene
Spindle	Ceramic
Bearing	High Density Carbon
Front Thrust Pad	Ceramic
"O" Ring	Viton
Rear Thrust Pad	Ceramic
Magnet Capsule	Glass Filled Polypropylene

PERFORMANCE

Total Head	36.1 feet (11 meters)
Maximum Flow	71.3 g.p.m. (270 l.p.m.)
Maximum Liquid Temperature Limits	32 - 158° F (0 - 70° 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.



INGERSOLL-RAND COMPANY
P.O. BOX 151 • ONE ARO CENTER • BRYAN, OHIO 43506-0151

☎ (419) 636-4242 • FAX (419) 633-1674

©2000 • PRINTED IN U.S.A.

INGERSOLL-RAND
FLUID PRODUCTS

PERFORMANCE CURVES

