

SALES & ENGINEERING DATA

AWX83L150-F80CCFX

MAGNETIC DRIVE CENTRIFUGAL PUMP

RELEASED: 3-31-00
REVISED:
S-1179

DIMENSIONAL DATA

MODEL AWX83L150-F80CCFX

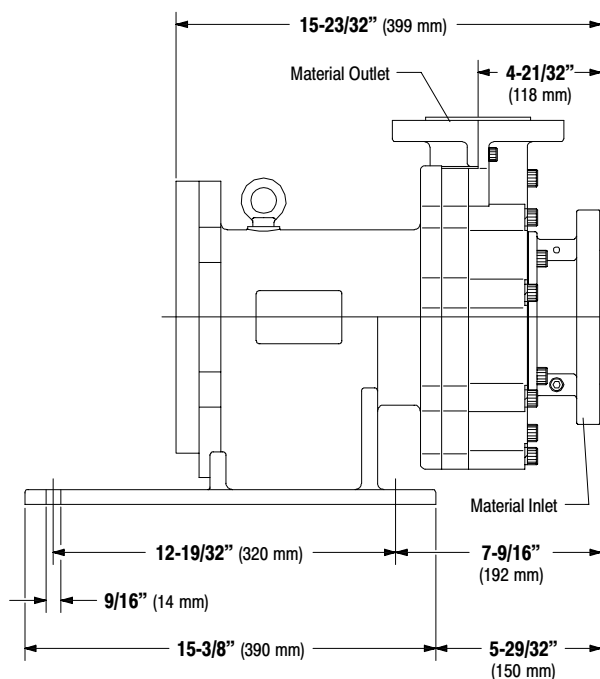
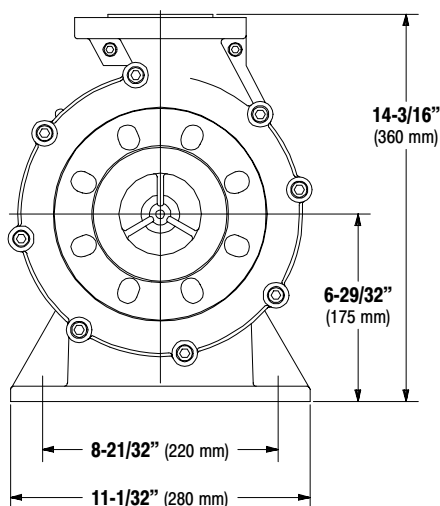


FIGURE 1

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	AWX83L150-F80CCFX
Pump Type	Magnetic drive, centrifugal pump
Power Supply	15 h.p.
Rated Speed ^①	
AW583L150-F80CCF2	.. 2860 r.p.m.
AW683L150-F80CCF1	.. 3440 r.p.m.
Material Inlet (A.N.S.I. / DIN)	3" (80 mm) flange
Material Outlet (A.N.S.I. / DIN)	2" (50 mm) flange
Motor Mounting Flange	
AW583L150-F80CCF2	.. IEC
AW683L150-F80CCF1	.. NEMA "C"
Repair Kit	
AW583L150-F80CCF2	.. AWK583L150-F80CC
AW683L150-F80CCF1	.. AWK683L150-F80CC
Weight	152.1 lbs (69 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
Magnetic Capsule	E.T.F.E. (carbon filled)

PERFORMANCE

Total Head	
AW583L150-F80CCF2	.. 132.9 feet (40.5 meters)
AW683L150-F80CCF1	.. 145.0 feet (44.2 meters)
Maximum Flow	
AW583L150-F80CCF2	.. 396.3 g.p.m. (1500 l.p.m.)
AW683L150-F80CCF1	.. 343.5 g.p.m. (1300 l.p.m.)
Maximum Liquid Temperature Limits	32 - 194° F (0 - 90° C)
Noise Level	97 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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