

# SALES AND ENGINEERING DATA

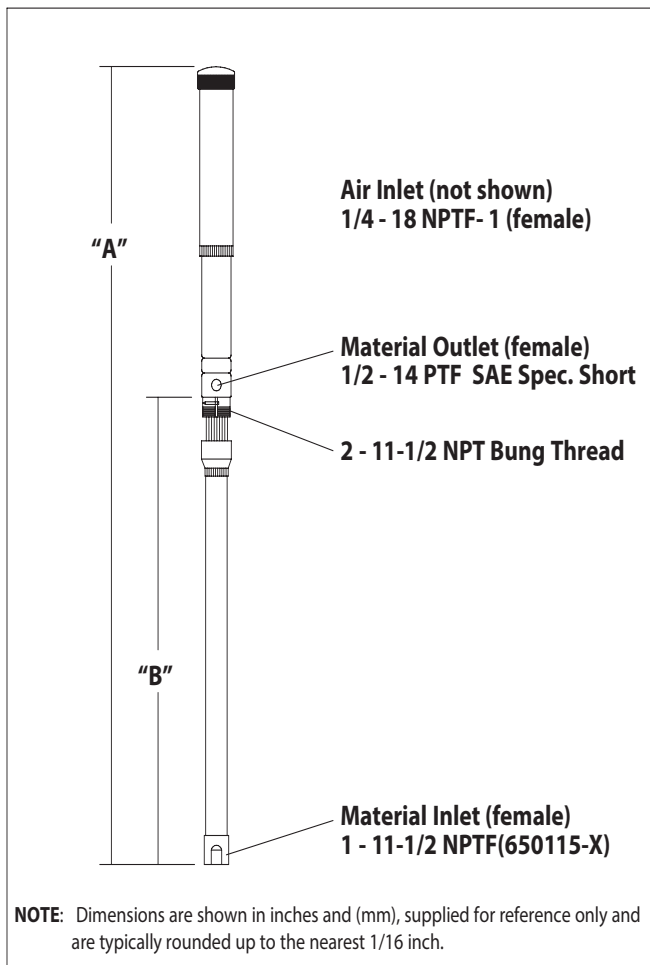
RATIO: **2:1**  
SERIES:

FLUID PSIG: **30 - 300**  
MAXIMUM:

RELEASED: 2-5-02  
REVISED: 8-4-17  
(REV: E) S-959

## 65011X-X DIFFERENTIAL TRANSFER PUMP

### DIMENSIONAL DATA



MODEL	"A" Inches (mm)	"B" Inches (mm)
650110-C	53-3/32"(1349)	33-13/16"(859)
650110-1C	52-3/32"(1349)	33-13/16"(859)
650115-C	41-1/16"(1043)	21-25/32"(553)
650115-1C	41-1/16"(1043)	21-25/32"(553)

### SPECIFICATIONS

#### CONSTRUCTION

**Model Series** (refer to option chart) ..... 65011X-()  
**Pump Type** ..... Air Operated, Transfer Pump  
**Ratio** ..... 2:1  
**Air Motor** ..... 60702  
**Motor Repair Kit** ..... 66098  
**Motor Diameter** ..... 2" (5.08 cm)  
**Stroke** ..... 6" (15.24 cm)  
**Air Inlet** (female) ..... 1/4 - 18 NPTF - 1

#### Lower Pump End Series

model 650110-C ..... 66198  
model 650110-1C ..... 66198-1  
model 650115-C ..... 66200  
model 650115-1C ..... 66200-1

#### Lower Pump Repair Kit

models 650110-C and 650115-C . . 637028  
models 650110-1C and 650115-1C 637029

#### Packing Options:

65011X-C	Polyethylene (upper and lower)
65011X-1C	PTFE (upper and lower)

**Material Inlet** (female) (650115-X) ..... 1 - 11-1/2 NPTF

**Material Outlet** (female) ..... 1/2 - 14 PTF SAE Spec. Short

#### MATERIALS OF CONSTRUCTION

**Outlet Body** ..... Carbon Steel  
**Cylinder** ..... Carbon Steel  
**Plunger** ..... Carbon Steel  
**Lower Ball** ..... Carbon Steel  
**Lower Seat** ..... Carbon Steel  
**Inlet Body** ..... Carbon Steel  
**Weight** ..... 12 lbs (5.4 kgs)

#### PERFORMANCE

**Maximum Air Inlet Pressure** ..... 30 - 150 psig (2.1 - 10.3 bar)  
**Maximum Fluid Pressure** ..... 60 - 300 psig (4.1 - 20.7 bar)  
**Maximum Rec'd Cycles / Minute** .... 120  
**Displacement Per Cycle** ..... 8.0 In<sup>3</sup> (131 cc)  
**Cycles Per Gallon** ..... 28.9  
**Flow @ 120 Cycles / Minute** ..... 4.2 gpm (15.7 lpm)  
**Noise Level @ 90 psig - 40 cpm** ..... 81 dB(A) ①

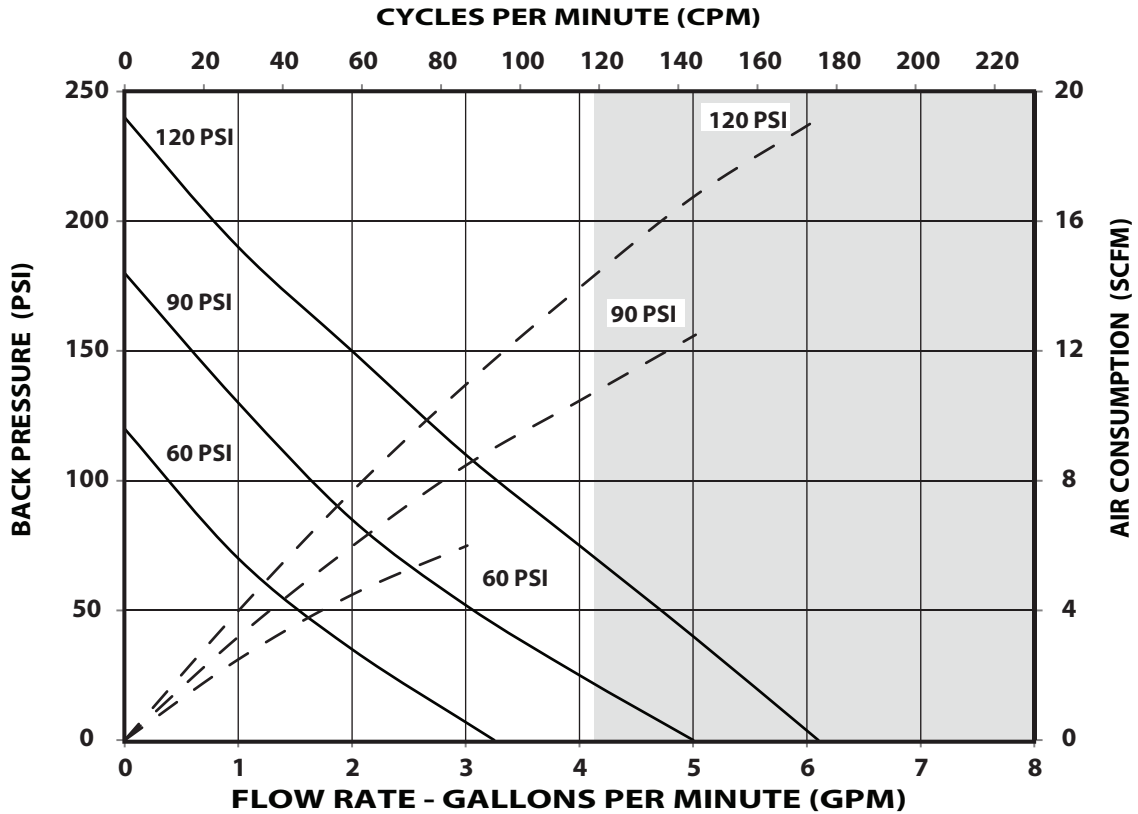
① The pumpsound pressure level has been updated to an Equivalent Continuous Sound Level (LAeq) to meet the intent of ANSI S1. 13-1971, CAGI-PNEUROPS5.1 using four microphone locations.

#### ACCESSORIES:

61113 Wall Mount Bracket

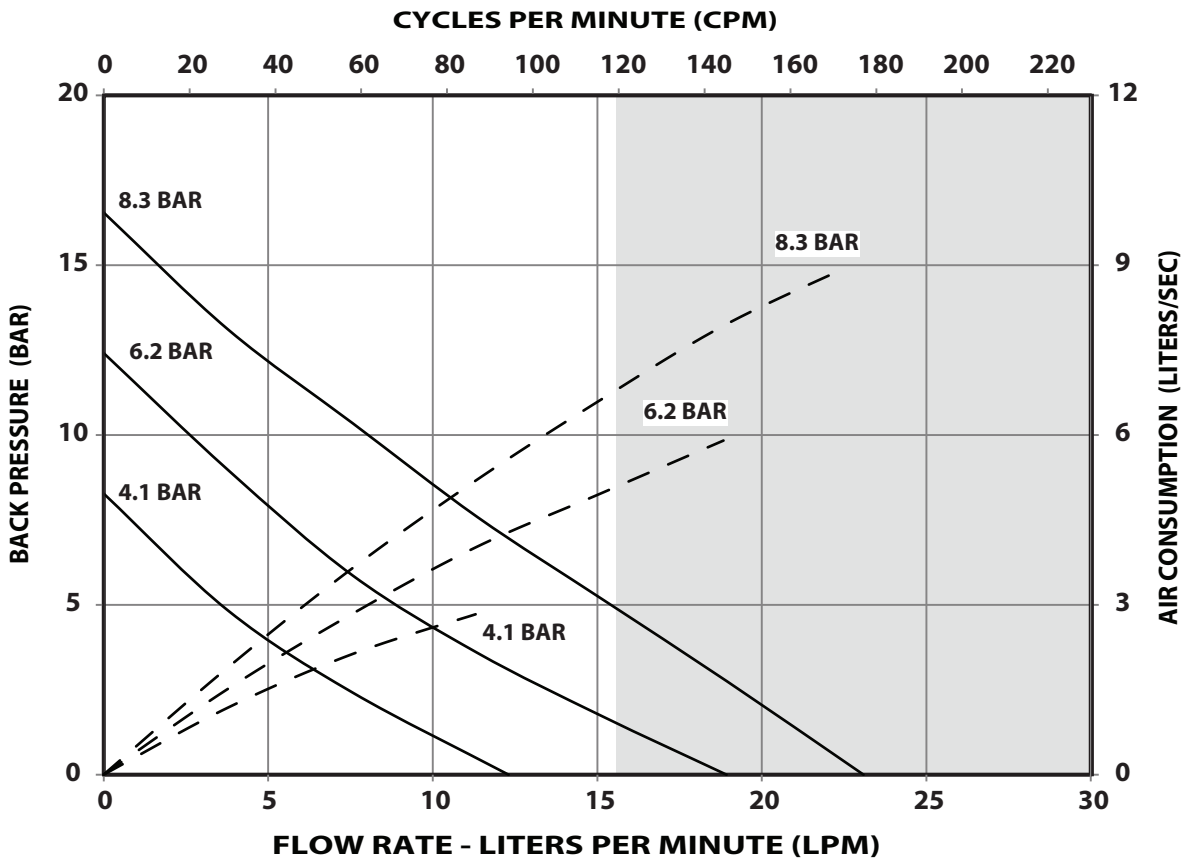
## PERFORMANCE CURVES

**PERFORMANCE BASED ON 30wt. OIL (100 cSt) AT 40° C TEMPERATURE**



**NOTE : NON SHADED AREA OF THE GRAPH REPRESENTS RECOMMENDED OPERATING RANGE**

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