

# Solenoid Pump CSB-1 Series Model: CSB-13150

## PRODUCT INFORMATION

**Pump Design** ..... Solenoid (Piston) Pump  
**Insulation** ..... Class "F" for TUV, Class "B" for UL  
**Net Weight** ..... 0.445 Kg  
**Outlet Connector** ..... G 1/8"  
**Recognition** ..... TUV , UL

## PERFORMANCE SPECIFICATIONS

### COIL MOTOR

- CSB-E13150 ..... 220-240 VAC, 50Hz , 48W
- CSB-U13150 ..... 120 VAC, 60Hz , 48W
- CSB-J13150 ..... 100 VAC, 50/60Hz , 48W

**Ideal fluid** ..... Water at 25°C

**Ambient temperature** ..... 60 °C

**Flow rate at 0 bar** ..... 650 cc/min

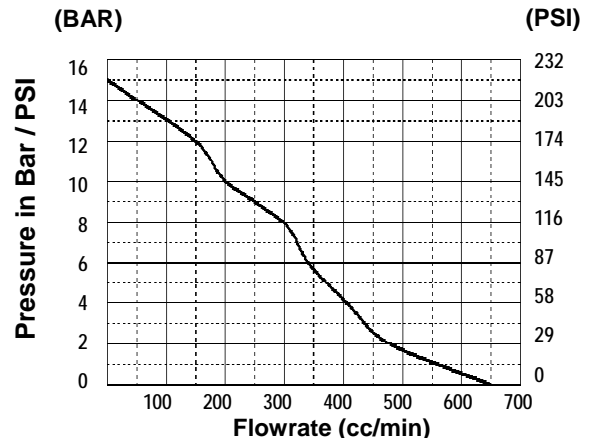
**Obstructed pressure** ..... 15 BAR (217.5 PSI)

**Suitable to dry-use only during priming**

**Laboratory test condition** ..... 2/1min, Ta:60°C,Tf:35°C  
 2/1min: 2min on, 1 min off  
 Ta: Ambient temperature  
 Tf: Temperature of fluid water

## PRESSURE – FLOW RATE CURVE

Model: CSB- 13150



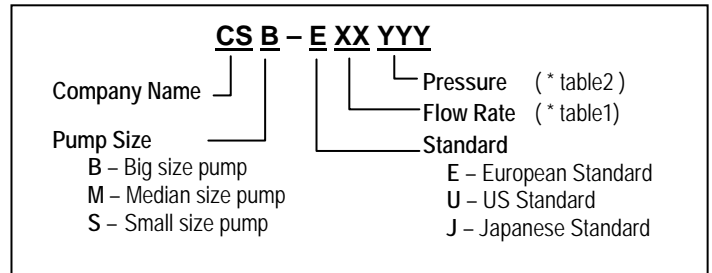
Note : - All the performance are intended with a tolerance  $\pm 15\%$   
 - Water 20°C, Ambient 25°C

## XX – THE CODE OF FLOW RATE (FR) TABLE

XX	FR (cc/min)	XX	FR (cc/min)	XX	FR (cc/min)
08	400	16	800	24	1200
09	450	17	850	25	1250
10	500	18	900	26	1300
11	550	19	950	27	1350
12	600	20	1000	28	1400
13	650	21	1050	29	1450
14	700	22	1100	30	1500
15	750	23	1150		

Table 1

## STANDARD MODEL NUMBERING SYSTEM



## YYY – THE CODE OF PRESSURE TABLE

YYY	PRESSURE (BAR)	YYY	PRESSURE (BAR)	YYY	PRESSURE (BAR)
020	2.0	040	4.0	150	15.0
025	2.5	045	4.5	200	20.0
030	3.0	048	4.8		
035	3.5	060	6.0		

Table 2

## APPLICATIONS

- Espresso coffee machine
- Steam generator
- Steam Iron
- Steam vacuum cleaner
- Disco smoke generator

### Mechanical Drawing & Dimension

Model: CSB-13150

Dimensions: millimeters  
 Key dimensions shown: 120.5 (total length), 73.0 (main body length), 31.0 (inlet length), 6.3\*0.8 (inlet thread), 4.0 (inlet offset), 7 (inlet diameter), 6.0 (inlet offset), 120.5 (total length), 55 (total width), 32 (main body width), 54.5 (height), 9.5 (inlet offset), 31.5 (inlet length), 4.0 (inlet offset), 14 (inlet diameter), 7.2 (inlet offset).



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