

# AG3 CIRCULATOR | SINGLE-HEAD MULTI SPEED | 15-60Z | SUBMITTAL

File No: 10.8510IEC  
Date: MAY 10, 2017  
Supersedes: NEW  
Date: NEW

Job: \_\_\_\_\_ Representative: \_\_\_\_\_  
 \_\_\_\_\_ Ordered by: \_\_\_\_\_ Date: \_\_\_\_\_  
 Engineer: \_\_\_\_\_ Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_  
 Contractor: \_\_\_\_\_ Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

## PUMP DETAILS

TAG	MODEL	FLOW	HEAD	SYSTEM	LOCATION

### MOTOR DESIGN DATA

**Motor enclosure:** IP44  
**Power supply:** 230/1/50  
**Insulation class:** F  
**Motor efficiency:**  $EEI \leq 0.22$   
**Inverter/motor type:** Asynchronous motor  
**Motor speed:** Multi speed

### ELECTRICAL DATA

1x230,50HZ, IEC38	P1[W]	I [AMPS]
Auto min.	6	0.05
Auto max.	90	0.40

### ELECTRICAL CONNECTION

**Type:** 3 wires (L,N,Earth)  
**Connector:** 3 pins connector & cable gland

### MATERIALS OF CONSTRUCTION

**Impeller:** Noryl  
**Casing gasket:** EPDM 70 Shore  
**Bearings:** Grafit/Ceramics  
**Pump casing:** Bronze  
**Shaft:** Stainless steel/Ceramics  
**Can:** Stainless steel

### MECHANICAL CONNECTION

**Type:** Threaded  
**Pressure rating:** PN10  
**Size:** G1"

### ENVIRONMENT LIMIT DATA

**Water temp max:** 110°C  
**Water temp min :** 2°C  
**Ambient temp. max:** 40°C  
**Min. pressure:** 0.05 BAR < 75°C,  
 0.28 BAR < 90°C

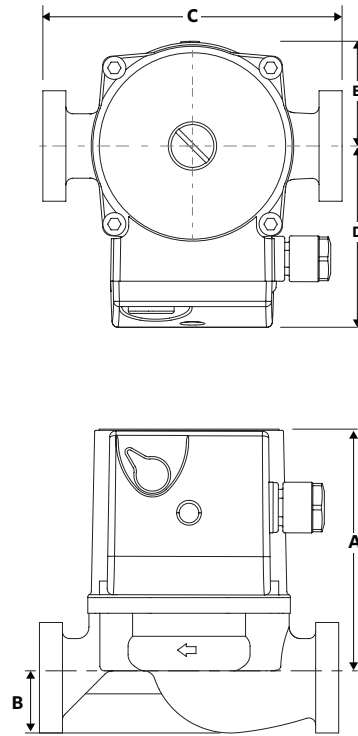
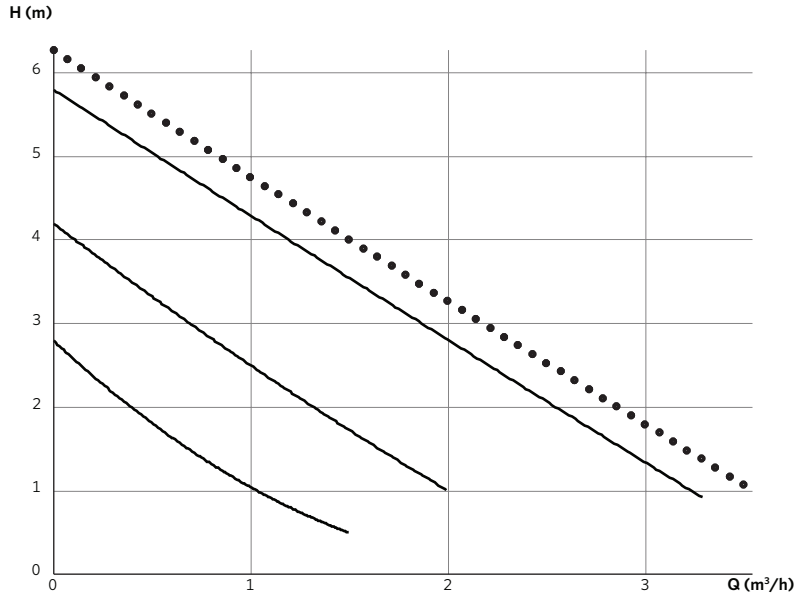
SUBMITTAL  
15-60Z

AG3  
circulator

2

**DIMENSIONS**

A	B	C	D	E	WEIGHT
mm (inches)					kg (lbs)
108 (4.2)	28 (1.1)	130 (5.1)	80 (3.1)	44 (1.7)	2.6 (5.7)



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