NOTES

1) All safety interlocks must be wired into motor control circuit to prevent the motor from starting when switch is closed. The interlocks should be actuated by opening any door. Refer to Instruction manual. Interlocks provided with 1 pair N/O contacts and 1 pair N/C contacts for the safety interlocks system must be designed to achieve a performance level (PL) Category 3 as defined in BS EN 13850:2004.

2) Approve NOT WEIGHT, 10G

3) Screen area: 0.6004 sqm (white mesh)

4) Sintered steel, type Anti-Clockwise rotation when viewed from the closed end

5) Ensure sufficient room for800 x 800 x 200

6) Earth Bases (each fitted with M6 Pan Head Screw & Locking Nut) provided to facilitate earth continuity across inlet and flow outlet flanges. Client must use these to ensure earth continuity to upstream and downstream equipment. Earth continuity to closed end is achieved by client supply stainless steel trefoil and grounding stainless steel trefoil. Fitted with machine earth before boss located on underside of flange bracket.

7) PR1000 Reading temperature sensor (optional, this is not required for ATEX certification). When used, it must be connected to suitable trip amplifier via an E barrier (usually of Cady supply). Trip amplifier set point should not exceed an alarm at 153°C and an immediate shut down at 158°C.

8) Special conditions of use required for ATEX compliance are:

- Air supply to sinter plate seal must be filtered, clean and dry
- When anti-static nylon hoses are fitted an earth strap must be connected from barrier to antenna box. This is not necessary for all other bracket or mesh types.
- Grounded equipment shall have an emission energy of greater than or equal to 3x4
- The equipment must be connected to earth approval
- For complete list of special conditions of use see the ATEX certificate of conformity.

9) ATEX Certified for Zone 21 internally & suitable for Zone 22 externally.

10) The equipment is marked as follows:

- CE Ex II 1/2 D Ex ic IIIC T30°C Da/Db Ta = 60°C ≤ T ≤ 440°C
- CE Ex II 1/2 D Ex ic IIIC T30°C Da/Db Ta = 60°C ≤ T ≤ 440°C

RELATED TO SCHEDULE DRAWINGS

- CDRG-KCSIFT-01
- CDRG-KCSIFT-04
- CDRG-KCSIFT-18

DS68

18/10/2010