Harbach Positioning Positioner Model PE5-1.5C-WE Series is designed to give maximum positioning flexibility by using the tilt and rotation of the table to manipulate the work piece into the correct ‘down hand’ position for welding or to position accurately for assembly and manufacturing requirements. The table is machined with four radial slots for anchor bolts and centric marking on the surface table, a set of tapered bearing mounted below the table to give a smooth and constant turning during operation. AC motor driven, and controlled by an AC inverter system. A variable speed controlled by a standard control pendant with low voltage push button and potentiometer with a 6-meter control cable built in. Tilt movement is electrically powered driven by 3 KW AC motor with dynamic braking through reducer gearbox. Built in with 800amps rotary clamp to ensure good earthing to the welding power source.

Table diameter 1500mm.

Specifications

Model: PE5-1.5C-WE
Pendant Control: 24VAC circuit, push button with 6 meter cable
Input voltage: 380-415V/3phase/50-60Hz (specify voltage requirement when ordering)
Rotation Capacity: 5 metric tons at 300mm
Rotation Speed: 0.08 to 0.8 rpm
Tilting Capacity: 5 metric tons at 300mm c of g
Tilt Range: 0 to 135 Degrees
Tilt Speed: 135 degrees in 113 seconds
Rotation Drive Motor: 1 x 3 KW motor
Tilt Drive Motor: 1 x 3KW motor c/w brake
Estimate weight: 3100kg
LOAD CHART

1. Model: PE5-1.5C-WE
2. Capacity (Turning): 5 MT at 300mm
3. Capacity (Tilting): 5 MT at 300mm
4. Tilt Range: 0° to 15°
5. Rotation Speed: 0.08–0.8 rpm running at 5–50 Hz
6. Tilt Speed: 135 m in 11.3 sec
8. Control Voltage: 24V AC
9. Control Means: Via push button pendant c/w 6m cable
10. Rotation Drive motor: 1x2.2kW motor c/w Force Cooling
11. Tilt Drive motor: 1x3kW motor c/w with Brake
12. Electrical Panel: Yes
13. Earthing: 800A
14. Surface Preparation: Gritblasted to SA2.5
15. Painting: Lead free, 2 coats Zinc Phosphate, 1 coat of Polyurethane
17. Qty: 1 unit

Note:
1. Input terminals are wired for 415V by default.
2. This drawing is accurate at the time of preparation and may be subject to final design changes.

ALL DIMENSIONS IN MM, UNLESS OTHERWISE SPECIFIED.

CUSTOMER APPROVAL:

CHECKED BY: 

DRAWN BY: IC

REV DATE DESCRIPTION

CUSTOMER:

EDIT BY REMARKS

DRAWING NAME: Positioner 5MT

DRAWING NO: PE5-1.5C-WE

REV: 0

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