

Data Sheet 300.105

FlexPositioner P300HR



Motorised positioning system for dust free loading chute installations. Neatly engineered and compact in size.

The unit enables the outlet to be precisely positioned in any horizontal direction up to a maximum of 500 mm out from the centre point of the loading chute. Vertical positioning is by a conventional lifting/lowering wires arrangement.

A support frame structure is fitted to the standard outlet attachment flange on the base section of the bellow.

The outlet is fed by a hopper which runs in a sliding track way on the underside of the frame. The funnel can be traversed a maximum distance of one meter along the structures length. The beam can also be rotated through 90° to the left and to the right, giving a 360° rotation.

Hopper sealing is maintained through a sealing plate against a sealing surface with automatic wear adjustment. Hopper seals are quickly and easily replaced, while the positioning unit remains completely assembled and installed in its normal operation position.

1. Product inlet

Inlet with Ø300 mm connecting flange, fitting DIN 300 PN 10.

2. Support frame

Manufactured in painted (RAL 9010) mild steel as standard.

3. End stops

Includes 4 electro mechanical limit switches mounted and factory preset. Provides end of travel control and control of the drive motor as well as end of rotation control.

4. Hopper

Hopper with 60° inclination. Running on precisionball bearings.

5. Outlet

Outlet with Ø300 mm with connection flange, fitting DIN 300 PN 10.

6. Motor for hopper shuttling

With direct drive motor 0,18 kW, gear 40:1 ratio –34 rpm.

7. Connection plinth

Factory pre-wired connecting plinth.

8. Rotation joint

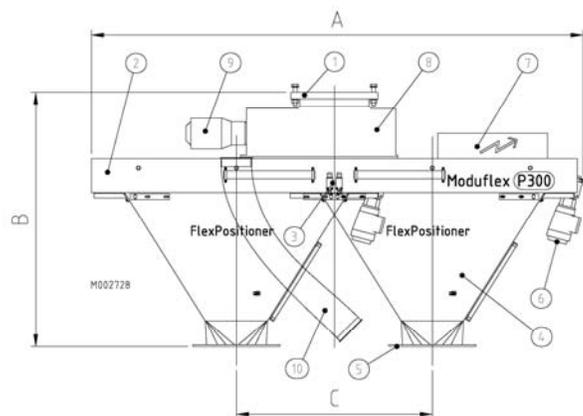
The positioning unit rotates up to 360°.

9. Motor for rotation joint

Chain drive motor 0,18 kW, 7 RPM, 100:1 gear ratio.

10. Vent kit (optional)

Includes 100 or 150 mm rubber hose assembly to connect exhaust connection on loading chute to a stationary point on the positioner main support frame.



	P300HR-1000
A	2509
B	1307
C	1000

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