



Item no: 0233082

Air carrying unit TC 51

The Air carrying unit is needed for upgrade a piFLOW@p SMART from Conveying Cycle Optimization, CCO to full autotuning functionality. Autotuning functionality means machine learning software and sophisticated algorithms that run the application to reach the maximum capacity for the conveyed... material by controlling the carrying air in the system. The Air carrying unit consist of, among other things, a motor and a butterfly valve.

- Suitable for Piab feed station together with piFLOW@p SMART
- Full autotuning functionality together with piFLOW@p SMART family
- Air carrying valve - Electro/mechanical polished at product contact surface, $Ra \leq 0,8 \mu m$
- Feed adapter - Electro polished outside, pickled inside at product contact surface, $Ra \leq 0,8 \mu m$
- Clamp ring or U flange and sealing to be ordered separately from the accessory list
- Fulfills the requirements of FDA and EC No. 1935/2004

General	
Material	ASTM 316L
Temperature	-20 - 40 °C
Weight	5.4 kg
Electrical data	
Current, output (Step motor)	1680 mA
Humidity, max.	90 % RH
Power	10 W
Voltage, output	24 VDC
Dimension	
Diameter (Ø D1)	50,8 mm
Diameter 2 (Ø D2)	50,8 mm
Diameter 3 (Ø D3)	256 mm
Height (H1)	281 mm
Height 2 (H2)	238 mm
Length	552.5 mm
Width (W1)	300.5 mm
Width 2 (W2)	172.5 mm
Performance	
Electric connection	M12 8-pin male
Pneumatic data	
Volume, internal	2540 cm³