

Series LA 40-Z
Series LA 50-Z
(two material components)

for automatic transport of free flowing materials
with bulk density of 0,4... 0,8 kg/Litre and max Temp. of 80 °C



Standard features:

- ✓ electro polished stainless steel construction
- ✓ automatic filter cleaning
- ✓ microprocessor controlled conveying functions
- ✓ Control box 24VDC and power box in separate housings

Options:

- clean our valve for product line
- alarm signal contact, alarm lamp

Baureihe LA 40-Z

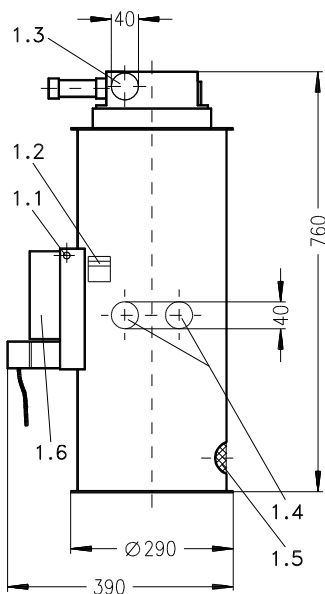
Model	Art. No.	Throughput *	Distance * horizontal/ vertical	Vacuum generator	Filter cleaning by	Pipe diameter	Supply Voltage	Weight
LA 40-11-Z	1032.08	100 kg/h	30 m / 4 m	1,1 kW	Implosion	40 mm	400V, 50Hz Druckluft 4 - 6 bar	41 kg
LA 40-15-Z	1033.08	200 kg/h	40 m / 4 m	1,5 kW				41 kg
LA 40-22-Z	1034.08	200 kg/h	50 m / 5 m	2,2 kW				52 kg
LA 40-30-Z	1035.08	300 kg/h	60 m / 5 m	3,0 kW				58 kg
LA 40-40-Z	1036.08			4,0 kW 2-stufig				

Baureihe LA 50-Z

Model	Art. No.	Throughput *	Distance * horizontal/ vertical	Vacuum generator	Filter cleaning by	Pipe diameter	Supply Voltage	Weight
LA 50-22-Z	1049.08	400 kg/h	50 m / 5 m	2,2 kW	Implosion	50 mm	400V, 50Hz Druckluft 4 - 6 bar	51 kg
LA 50-22-ZH*	1052.08		50 m / 5 m	2,2 kW				
LA 50-30-Z	1050.08	500 kg/h	50 m / 5 m	3,0 kW				53 kg
LA 50-30-ZH	1053.08	500 kg/h	50 m / 5 m	3,0 kW				
LA 50-40-Z	1051.08	700 kg/h	80 m / 5 m	4,0 kW 2-stufig				70 kg
LA 50-40-ZH	1054.08		80 m / 5 m	4,0 kW 2-stufig				

* Advice: the maximum values are depending on the individual products and may not all be reached at the same time

Series LA 40-Z



- 1.1 Compressed air connection
- 1.2 Name plate
- 1.3 Suction pipe
- 1.4 Material pipe
- 1.5 Balance hole
- 1.6 Control box

Loaders LA 40-Z and LA 50-Z with separate 3phase blower motors

for transportation of: free flowing granulated resins + regrinds

- Loaders with 3phase blowers 2,2kW and up can also
- be used for free flowing powders

Functions: Each conveying cycle begins with a filter cleaning.

The suction valve opens and the implosion inlet and material valves are closed. The outlet flap is sucked against the flap sealing. The loader body is partly evacuated to the max under pressure. The blower can build up. Now the suction valve is released and the implosion inlet opened. Ambient air now flows in as strong air stream through the filter and cleans it from dust and particles. No dust will come out to the environment. In stand by position the material valves and the suction valve remain closed and the implosion inlet is open. During conveying the suction valve and the material valves one and two are open and the implosion inlet is closed. By the air stream created by the blower a mixture of air and resin flows from the pick up point into the separator. The granulates settle in the separator and the conveying air get sucked through the filter and is given back to the atmosphere at the air outlet opening of the blower motor. When the set conveying times ran out the blower motor is switched off, the suction valve and the product valves get closed and the implosion inlet is opened. The outlet flap now can open by the gravity of the resins and the materials can flow out. A magnet at the outlet flap operates a magnet switch and starts a new conveying cycle until the containment under the loader is filled up and the outlet flap remains in an open stand by position

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