

Pharma/Food grade stirrers

Model Selection



PLM 38 compressed air pharma/food grade stirrers up to 500 L

PLM series stirrers are specially designed for use in the pharmaceutical and food industry.

No contamination

The sealed motor housing combined with exhaust air ducting avoids noisy, uncontrolled leaks of compressed air into the product or out into its surroundings.

Oil-free operation

Specially constructed drive vane material allows the motor to run dry without any lubrication.

CIP, FDA

All parts that come into contact with the product conform to FDA regulations.

General specifications:

- operating pressure max. 6 bar
- air consumption 500 L/min. at 6 bar
- power output 380 W at 6 bar
- clockwise rotation
- ATEX certification

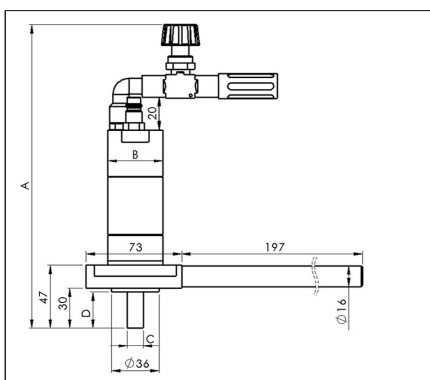
Basic models include:

- all-stainless steel housing
- continuously adjustable speed control valve
- flange Ø 73 mm, bolt circle Ø 55 - 2x Ø 6.5
- support arm Ø 14 mm to fit on a stand
- plug-in connector for DN 5 mm
- output shaft L 27 x Ø 12 mm

Type		PLM 38/1180	PLM 38/580	PLM 38/260
Power output	Watt	380	380	380
Volume	max. L	200	500	500
Viscosity	mPas	10000	50000	100000
No-load speed	rpm	1180	580	260
Torque	Nm	6.3	8.6	19
ATEX	Code	Ex II 2G c T5	Ex II 2G c T5	Ex II 2G c T5
Code-No.		40 26446 00376 0	40 26446 00375 3	40 26446 00374 6

Viscosity data to be considered as guidelines. All technical data pertaining to 6 bar.

We recommend connection coupling VK 12 for the connection to a stirring shaft, see accessories



Dimensions of PLM 38

Type	A	B	C	D
	mm	mm	mm	mm
PLM 38/1180	204.5	41.5	12	27
PLM 38/580	238	41.5	12	27
PLM 38/260	238	41.5	12	27

Application example for PLM 38

Shown here is a PLM 38-type compressed air stirrer which has been specially developed for use in pharma and food industries. These stirrers can operate in both open containers and in sealed vessels through a flange.

