

Compressed air laboratory stirrers PLR 12 model series

General specifications

- All-stainless steel housing
- Operating pressure 3-6 bar
- Air consumption 260 L/min. at 6 bar
- Clockwise rotation
- ATEX certification



Basic models include

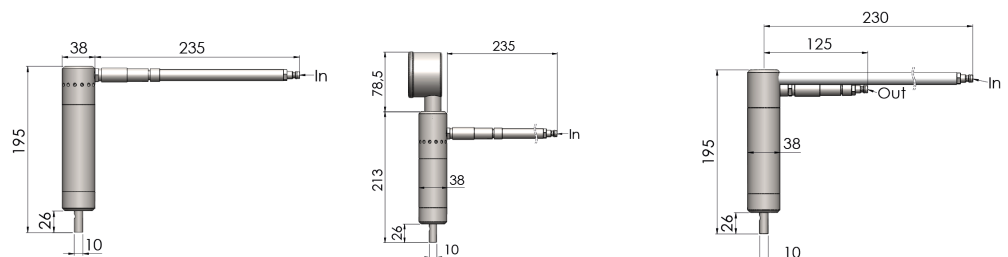
- Continuously adjustable speed control valve
- Support arm Ø 14 mm
- Plug-in connector for DN 5

Required accessories connection coupling type VK 10 not included.



Type	PLR 12	PLR 12 T	PLR 12 GA
Power output	200 Watt	200 Watt	200 Watt
Volume	30 L	30 L	40 L
Viscosity	70000 mPas	70000 mPas	70000 mPas
Torque	5.3 Nm	5.3 Nm	5.3 Nm
No-load speed	1000 rpm	950 rpm	750 rpm
Minimum operation speed	200 rpm	200 rpm	200 rpm
ATEX	Ex II 2G Ex h IIC T5 Gb	Ex II 2G Ex h IIC T5 Gb	Ex II 2G Ex h IIC T5 Gb
Code-No.	40 26446 00260 2	40 26446 00261 9	40 26446 00482 8

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



All dimensions in mm.

Standard design

Used compressed air can escape freely via exhaust air holes on the housing.
No additional connections for an exhaust air duct are required.

T design

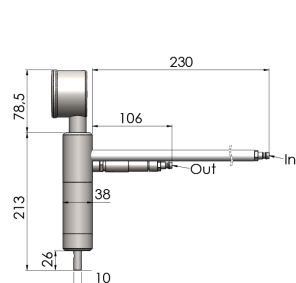
The T models are equipped with an analogue speed display and simplify reproducible stirring processes with the same speed.

Speed range
 Medium to high
Types of mixing

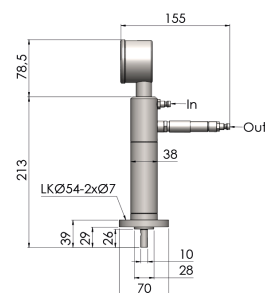
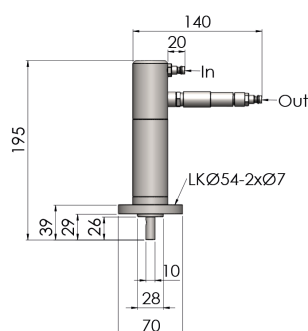
-  Homogenising
-  Heat exchange
-  Suspending



PLR 12 T GA	PMR 12 GA	PMR 12T GA
200 Watt	200 Watt	200 Watt
40 L	40 L	40 L
70000 mPas	70000 mPas	70000 mPas
5.3 Nm	5.3 Nm	5.3 Nm
750 rpm	700 rpm	700 rpm
200 rpm	200 rpm	200 rpm
Ex II 2G Ex h IIC T5 Gb	Ex II 2G Ex h IIC T5 Gb	Ex II 2G Ex h IIC T5 Gb
40 26446 00487 3	40 26446 00612 9	40 26446 00579 5



All dimensions in mm.

**GA design**

GA models feature a separate outlet connection for ducting the exhaust air which leads to improved performance at low speed and results in reduced noise levels. Discharging the exhaust air also enables the use in clean rooms.