

Compressed air laboratory stirrers **PLR 11 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

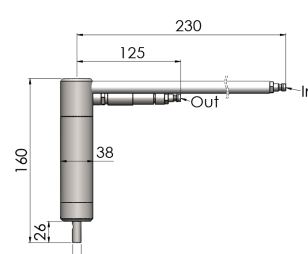
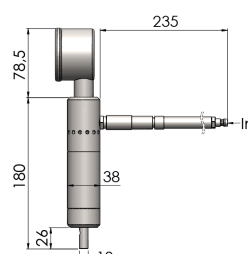
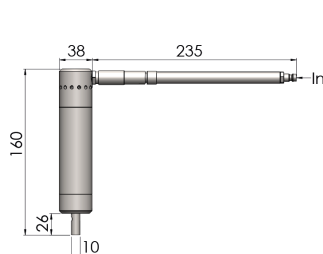
- Continuously adjustable speed control valve
- Support arm Ø 14 mm
- Plug-in connector for DN 5

Required accessories connection coupling type VK 10 not included.



Type	PLR 11	PLR 11 T	PLR 11 GA
Power output	200 Watt	200 Watt	200 Watt
Volume	30 L	30 L	30 L
Viscosity	50000 mPas	50000 mPas	50000 mPas
Torque	3.5 Nm	3.5 Nm	3.5 Nm
No-load speed	1900 rpm	1800 rpm	1300 rpm
Minimum operation speed	500 rpm	500 rpm	500 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 00251 0	40 26446 00253 4	40 26446 00481 1

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

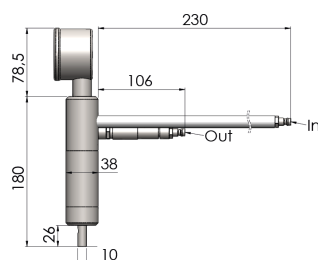
 High speed

Types of mixing

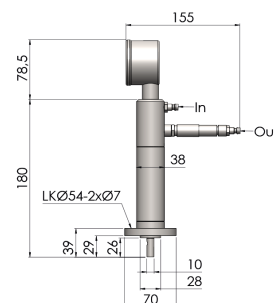
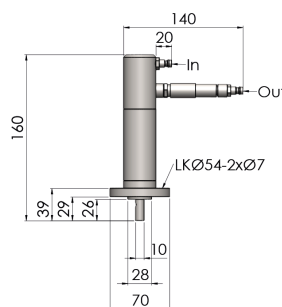
-  Homogenising
-  Dispersing
-  Heat exchange
-  Suspending



PLR 11 T GA	PMR 11 GA	PMR 11T GA
200 Watt	200 Watt	200 Watt
30 L	30 L	30 L
50000 mPas	50000 mPas	50000 mPas
3.5 Nm	3.5 Nm	3.5 Nm
1200 rpm	1300 rpm	1300 rpm
500 rpm	500 rpm	500 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 00486 6	40 26446 00603 7	40 26446 00578 8



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.