

PLR compressed air lab stirrers

Model Selection

PLR compressed air laboratory stirrers with exhaust air vent "GA" up to 40 L for use in potentially explosive atmospheres

PLR compressed air laboratory stirrers are designed for all kinds of standard mixing tasks. The vane type, air-driven motor offers a high power density and is significantly lighter and smaller than an equivalent electric motor.

No emission of the exhaust air from the housing

GA models feature a separate outlet connection to duct exhaust air away which leads to improved performance at low speed and results in reduced noise levels.

General specifications:

- operating pressure max. 6 bar
- air consumption 260 L/min. at 6 bar
- power output 200 W at 6 bar
- clockwise rotation
- ATEX certification

Basic models include:

- all-stainless steel housing
- exhaust air vent GA
- continuously adjustable speed control valve
- support arm Ø 14 mm
- plug-in connector DN 5
- output shaft L x Ø 26 x 10 mm



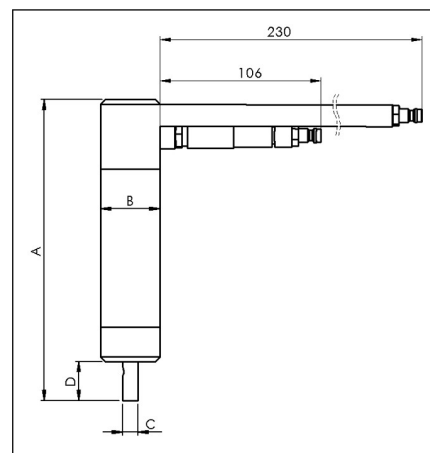
Type	Power output Watt	Volume max. L	Viscosity mPas	No-load speed rpm	Torque Nm	ATEX Code	Code-No.
PLR 10 GA	200	5	1000	15000	0.3	Ex II 2G c T4	40 26446 00480 4
PLR 11 GA	200	30	50000	1300	3.5	Ex II 2G c T5	40 26446 00481 1
PLR 12 GA	200	40	70000	750	5.3	Ex II 2G c T5	40 26446 00482 8
PLR 28 GA	200	40	100000	450	10.4	Ex II 2G c T5	40 26446 00483 5
PLR 13 GA	200	40	150000	80	19.8	Ex II 2G c T5	40 26446 00484 2

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

We recommend connection coupling VK 10 for the connection to a stirring shaft, see accessories

Dimensions of PLR-GA

Type	A mm	B mm	C mm	D mm
PLR 10 GA	125	Ø 38	Ø 10	26
PLR 11 GA	160	Ø 38	Ø 10	26
PLR 12 GA	195	Ø 38	Ø 10	26
PLR 28 GA	195	Ø 38	Ø 10	26
PLR 13 GA	228	Ø 38	Ø 10	26



Application example for PLR with GA

Shown here is a PLR 12-GA compressed air laboratory stirrer, mounted on a floor stand and connected to a BuddeMix stirrer in a 10 L container. "GA"-models feature a separate outlet connection to duct exhaust air away.

