

Magnetic stirrer couplings BUK F model series

Suitable for stirring tasks under vacuum and pressure.

The F design with flanges DN15 and DN50 (vacuum-proof, pressure-resistant up to 10 bar)

Magnetic stirrer couplings with flanges DN 15 or DN 50 are intended in particular for use on glass reactors, thin film evaporators and extraction columns. This design is not only vacuum-proof but can also be used for applications with overpressure of up to 10 bar.

Standard flat gaskets, e.g. made of PTFE, can be selected as seals. Variants in special materials such as Hastelloy C22, C276, B3 are available on request. Other flange sizes and systems such as KF and TriClamp can also be realised.

Types of mixing

-  Homogenising
-  Dispersing
-  Suspending
-  Gassing

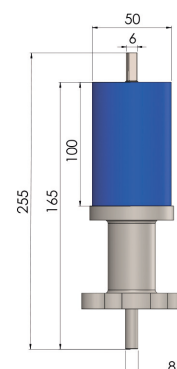
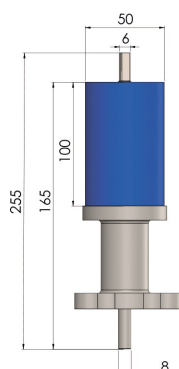
Pressure

-  Vacuum, 10 bar



Type	BUK K90 F15	BUK K90 F50
Connection	Flange DN15	Flange DN50
Temperature max.	240 °C	240 °C
Pressure	Vacuum / up to 10 bar	Vacuum / up to 10 bar
Sealings*	Flat gasket PTFE	Flat gasket PTFE
Material	1.4435 AISI 316L	1.4435 AISI 316L
Speed max.	2500 rpm	2500 rpm
Torque max.	90 Nm	90 Nm
Volume max.	10000 ml	10000 ml
Bearings	Ball bearings stainless steel	Ball bearings stainless steel
Reed contact and speed sensor	-	-
Gas flush connection	-	-
Drive motor	-	-
Code-No.	40 26446 00397 5	40 26446 00182 7

*Seal not included with delivery. Drive shaft supplied with 6 mm external square stub.



All dimensions in mm.