

## Magnetic stirrer couplings BUK S1 and S2 model series

Suitable for stirring tasks under vacuum.





### The S1 and S2 design with standardised ground joint (vacuum-proof, unpressurised)

Magnetic stirrer couplings with NS 29/32 (S1) or NS 45/40 (S2) joint are specially designed for use in flasks and glass reactors with ground joint connections.

The encapsulated inner magnet couples to the external drive magnet bell and provides the drive force. This process involves absolutely gas-tight stirring.

The sealing takes place via O-rings on the conical part and is made of FKM as standard. Alternatively, these can also be equipped in FFKM of various qualities on request.

### Types of mixing

-  Homogenising
-  Dispersing
-  Suspending
-  Gassing

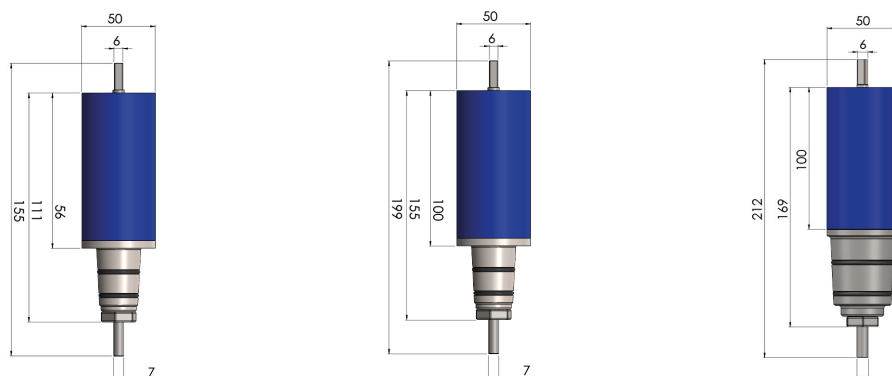
### Pressure

-  Vacuum, pressureless



Type	BUK K40 S1	BUK K90 S1	BUK K90 S2
Connection	NS 29/32	NS 29/32	NS 45/40
Temperature max.	240 °C	240 °C	240 °C
Pressure	Vacuum	Vacuum	Vacuum
Sealings	FKM O-rings	FKM O-rings	FKM O-rings
Material	1.4435 AISI 316L	1.4435 AISI 316L	1.4435 AISI 316L
Speed max.	2500 rpm	2500 rpm	2500 rpm
Torque	40 Ncm	90 Ncm	90 Ncm
Volume max.	5000 ml	10000 ml	10000 ml
Bearings	Ball bearings stainless steel	Ball bearings stainless steel	Ball bearings stainless steel
Reed contact and speed sensor	-	-	-
Gas flush connection	-	-	-
Drive motor	-	-	-
Code-No.	40 26446 00158 2	40 26446 00160 5	40 26446 00163 6

Drive shaft supplied with 6 mm external square stub.



All dimensions in mm.