

Magnetic stirrer drives

Model Selection



Magnetic stirrer drives BUK complete, max. 700 bar, torque 800 Ncm

Magnetic coupling with electric drive
for speed control by frequency converter*.

Their constructional design allows use with reactors up to 700 bar and torques up to 150 Nm. All parts coming into contact with the medium are made of stainless steel. A bore with blind plug is positioned laterally to fit an optional valve. The sealing to the autoclave lid is metal to metal.

Speed control of the 3-phase, a.c. motor (supply req. 3x240/400 V, 50 Hz) by

frequency converter*.

A speed monitor incorporating a pulse generator and reed contact is fitted to the output shaft as standard.

Magnetic stirrer drives are also available in Hastelloy®, titanium, zirconium and other materials or offering alternative torque levels.

All magnetic stirrer drives are available with ATEX certification on request.

| Type | Temperature max. °C | Pressure max. bar | Motor kW | Torque Nm | Speed max. rpm. | Material no. | Bearings | Code-No. |
|--------------|------------------------|----------------------|-------------|--------------|--------------------|-----------------|-------------------------------|------------------|
| BUK M200G | 300 | 200 | 0.25 | 2 | 1200 | 1.4435 | Ball bearings stainless steel | 40 26446 00230 5 |
| BUK M500G | 300 | 200 | 0.37 | 5 | 1200 | 1.4435 | Ball bearings stainless steel | 40 26446 00234 3 |
| BUK M800G | 300 | 200 | 1.10 | 8 | 1200 | 1.4435 | Ball bearings stainless steel | 40 26446 00238 1 |
| BUK M200G HP | 300 | 700 | 0.25 | 2 | 1200 | 1.4980 | Ball bearings stainless steel | 40 26446 00232 9 |
| BUK M500G HP | 300 | 700 | 0.37 | 5 | 1200 | 1.4980 | Ball bearings stainless steel | 40 26446 00236 7 |
| BUK M800G HP | 300 | 700 | 1.10 | 8 | 1200 | 1.4980 | Ball bearings stainless steel | 40 26446 00240 4 |

* not included with delivery



Magnetic stirrer drives BUK complete with gear system, max. 700 bar, torque 800 Ncm

Magnetic coupling with gear drive
for manual speed control by hand wheel.

Their constructional design allows use with reactors up to 700 bar and torques up to 150 Nm. All parts coming into contact with the medium are made of stainless steel. A bore with blind plug is positioned laterally to fit an optional valve. The sealing to the autoclave lid is metal to metal.

Speed control of the 3-phase, a.c. motor (supply req. 3x240/400 V, 50 Hz) by

ball-roller gear system with hand wheel.

A speed monitor incorporating a pulse generator and reed contact is fitted to the output shaft as standard.

Magnetic stirrer drives are also available in Hastelloy®, titanium, zirconium and other materials or offering alternative torque levels.

All magnetic stirrer drives are available with ATEX certification on request.

| Type | Temperature max. °C | Pressure max. bar | Motor kW | Torque Nm | Speed max. rpm. | Material no. | Bearings | Code-No. |
|---------------|------------------------|----------------------|-------------|--------------|--------------------|-----------------|-------------------------------|------------------|
| BUK MG200G | 300 | 200 | 0.25 | 2 | 1150 | 1.4435 | Ball bearings stainless steel | 40 26446 00231 2 |
| BUK MG500G | 300 | 200 | 0.37 | 5 | 1150 | 1.4435 | Ball bearings stainless steel | 40 26446 00235 0 |
| BUK MG800G | 300 | 200 | 1.10 | 8 | 1150 | 1.4435 | Ball bearings stainless steel | 40 26446 00239 8 |
| BUK MG200G HP | 300 | 700 | 0.25 | 2 | 1150 | 1.4980 | Ball bearings stainless steel | 40 26446 00233 6 |
| BUK MG500G HP | 300 | 700 | 0.37 | 5 | 1150 | 1.4980 | Ball bearings stainless steel | 40 26446 00237 4 |
| BUK MG800G HP | 300 | 700 | 1.10 | 8 | 1150 | 1.4980 | Ball bearings stainless steel | 40 26446 00241 1 |