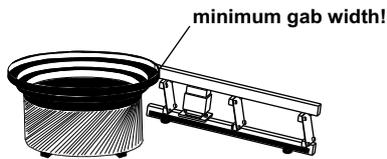


Conveying technology



Frequency control equipment
for PKF systems up to 80 VA and/or 160 VA

PKF-automatic controller RP1

Synchronizable PKF phase laboratory instrument
for the control of PKF elements



general technical data:

| | |
|--|--|
| operating voltage: | 230 V 50/60 Hz +10% / -15% or 120 V 50/60 Hz |
| drive frequency: | 100,0 - 500,0 Hz digitally adjustable in 0,1 Hz Steps (crystal stabilized) |
| Phasing of the synchronized output position values: | Phase angle between 0° and 360° adjustable in 3,6° Steps and/or over 0-10V DC |
| output voltage: output: | 0 to 300V EFF. *Sinusoidal alternating voltage monochromatically Solid shaft enterprise or flank cut selectable (Turbo-effect) |
| maximum permanent current desired value adjustment: | 0.15 A eff. / 0.3 A EFF. Potentiometer internally, externally voltage entrance 0-10V DC desired value limitation adjustable |
| gentle approach: gentle discharge: Opto coupler entrance: | adjustable 0-5 Sek. adjustable 0-5 Sek. start - stop 24 VDC invertable |
| 24VDC-output: temperature range: housing: CE-standards: | 100mA (f.ex. Blowing air value) 0 - 40° C Aluminium housing 200 x 124 x 80 mm siehe Konformitätserklärung |

Constant conveying speed also with changes of weight.

***Symmetrical fullsinusoidal voltage** (no harmonic upper wave formation)
for silent oscillator enterprise.

By high working frequencies there is an optimal slip motion of the promotion hurry.

There is no more necessity for any mechanical co-ordination work and also not for any tracing back. Line voltage changes are compensated. There is an energy saving by the minimum power requirement of the PKF elements.

Absolutely stable output frequency.

The breakdown reaction force will be compensated or the transition gab of together installed oscillation promotion units will be minimized by the use of the synchronous devices with an adjustable phase position.

(see laboratory report 5/99)

BÜHNER GmbH

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