

FMS web guiding / FMS winderGLIDE

FMS winderGLIDE BKS.D.3 Compact actuator for unwinders and rewinders

- **Optimum correction range for many applications**
Thrust 650N (146 lbf), strokes of 125 to 300mm (5 to 12 in.)
- **Reliable and maintenance-free**
Precise drive with stepper motor
- **Versatile installation**
Big variety of mounting options

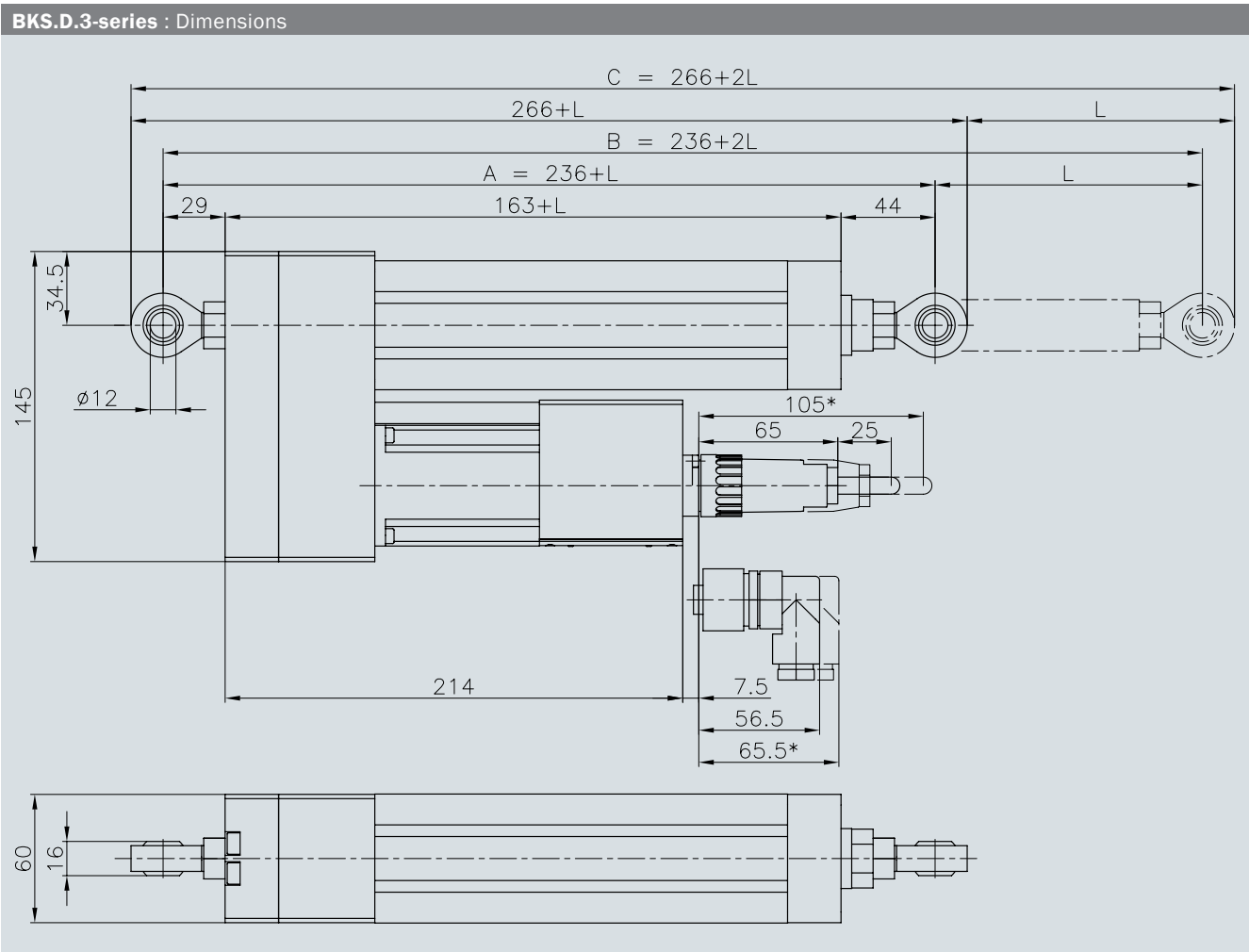


FMS-winderGLIDE BKS.D.3

The FMS winderGLIDE BKS.D.3 actuators form a compact unit and are specially designed for use on unwinding and winding stations with low thrust. The BKS309 web guiding controller can be mounted independently of the actuator in an easily accessible location on the machine. Various housing types are available for this purpose. The BKS.D.3 can be operated in all common control modes and is very easy to use. In addition to installing the actuator in the system, all that is required is the wiring of the web guiding controller and material sensor, as well as a 24 VDC power supply. The powerful drive via a stepper motor guarantees high control accuracy with fast response times and a long service life.

Funktionsbeschreibung

The BKS.D.3 actuators with their powerful stepper motors are characterized by fast response, high precision, and long service life. The enclosed housing is also ideal for applications with high hygiene requirements, such as in food or pharmaceutical packaging. The electrical connection is made via a single, easily accessible plug connection. The wide range of options and accessories also offers many possibilities for adapting the system to your specific needs and requirements. From mounting options to external controllers with ethernet interface, all configuration options are open to you.



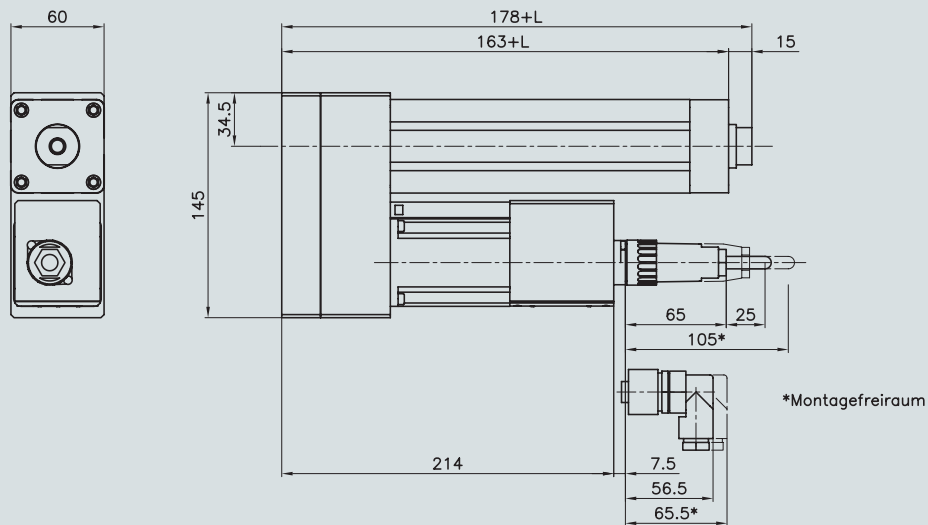
BKS.D.3-series : Dimensions in mm (in.)	
Stroke L	125, 200, 300 (4.9, 7.9, 11.8)
Distance joint head (cent.-cent.) A	236 + L (9.3 + L)
Overall length B at full stroke	236 + 2L (9.3 + 2L=)
Length C	266 + 2L (11.5 + 2L)

BKS.D.3-series : Technical Data	
Thrust	650 N (146 lbf)
Speed	25 mm/s
Drive	Stepper motor with spindle, 5 mm pitch
Temperature range	0 to 50 °C (32 to 122 F)
Protection rating	IP30

BKS.D.3-series : Order code	
BKS.D.3	.200
	size (stroke in mm)
	series

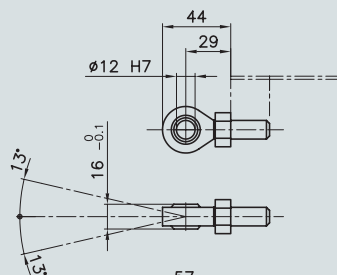
BKSD.3 : Scope of supply	
● actuator ● joint head for each side ● BKS 309 web guiding controller ● US01 ultra sonic sensor (or other) ● connecting cable material sensor and controller	

BKS.D.3-series : Accessories	
● installation material	

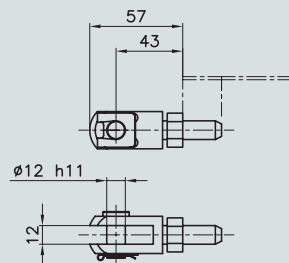
BKS.D.3-series : Installation accessories

festes Ende
fixed side

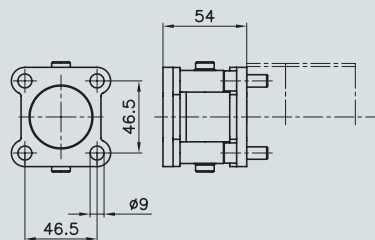
Gelenkkopf
joint head



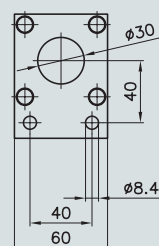
Gabelkopf
yoke



Scharnier
hinge

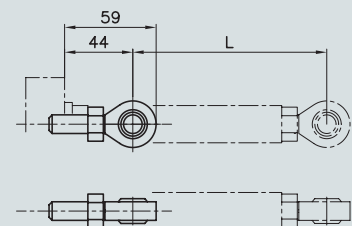


Flansch
flange

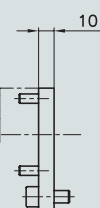
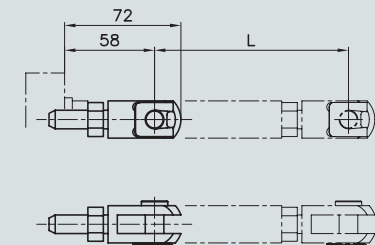


bewegliches Ende
movable side

Gelenkkopf
joint head



Gabelkopf
yoke



BKS.D.3-series : Typical application**Other products** : Web guiding**Steering frames, steering rollers****Web guiding controllers****Material sensors****About us**

FMS Force Measuring Systems AG is a worldwide market leader in the fields of tension measurement /control, web guiding, and specialized telemetry technologies. Our standard and custom solutions are applied in the converting, metals, paper, textile and wire & cable industries. FMS Force Measuring Systems AG's advanced technology, high quality components and extensive application knowledge supports customers around the world in maximizing productivity.

Since 1993 our highly skilled workforce has crafted superior solutions and set the benchmark in the industry.

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