

Spindle Actuator NTS1

Made in Germany



Applications:

For industrial-, building-, machine-, furniture-, as well as vehicle construction and mainly for special applications

Description:

The spindle actuator NTS1 consists of a spindle and a strong gear motor. An integrated control system shuts down the actuator automatically in the end positions as well as in case of obstructions (overload cut-off). The main advantage of this actuator is that it can be customized to your requests. Optionally are potential-free signal contacts in each end position possible.

- extended stroke infinitely variable, stroke length 100/150/200/300/400/500/600mm (> strokes on request)
- max. speed 13mm/sec. in 600N version and 3mm/sec. in 1000N version
- IP55, NRW and RWA suitable, CE and ROHS compliant
- for 230VAC a switching relay for groups isn't necessary
- as an option tandem run of two actuators
- limit stop OPEN/CLOSED by micro switch (relaunch safe) and additional overload cut-off
- very narrow, only 44mm
- colour: silver anodized EV1 (RAL colours on request)
- including entire fixing accessories (slidable rotary-mounting bracket and front bracket)

Installation:

The spindle actuator NTS1 is installed into the dovetail track using the sliding blocks and the U-bracket. A rigid console for the screw fastening is also available. Further information is provided in the operating manual which can be found on our homepage [www.drfa.de](#)

Electrical connection:

19 – 30 VDC voltage (in the 24V direct current version),
or 190 – 265 V 50Hz (in the 230V alternating current version)

Measurements: breadth 44mm x height 71,4mm x length stroke + 180mm

Included in the scope of delivery:

- spindle actuator with 1m long connector cable
- U- bracket and 2 sliding blocks, as well as all fastening screws

Synchronous running / special equipment:

Both actuators run synchronous relating to the rotational speed, independent of the individual load capacity.

Maintenance:

The spindle actuator NTS1 is maintenance-free during its entire life expectancy.

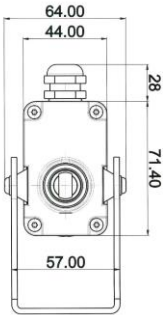
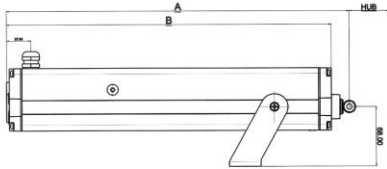
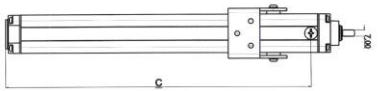
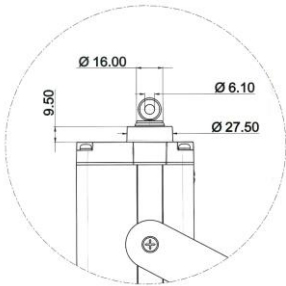
Accessories / Option:

Synchronous control: NTSY for synchronization of 2 actuators, with potential-free signal contacts in the end positions.

Quattro control: NTSQ for the tandem run of 2, 3 or 4 actuators

Remote control: Item No. 2211118 GO-1 handheld transmitter 1-channel, ETR radio system (433 MHz)
Item No. 2211016 GO-er external receiver, ETR radio system (433 MHz)

Technical measurements:



A... Stroke + 180mm
B... Stroke + 158mm
C... Stroke + 137mm

Type code

N T S 1 - 0 - - -

1 Typ

Spindle actuator ⇒ S
Typ ⇒ 1

2 Hub

stroke 100mm ⇒ 0 1 0 0
stroke 150mm ⇒ 0 1 5 0
stroke 200mm ⇒ 0 2 0 0
stroke 300mm ⇒ 0 3 0 0
stroke 400mm ⇒ 0 4 0 0
stroke 500mm ⇒ 0 5 0 0
stroke 600mm ⇒ 0 6 0 0

3 Spannung

on request voltage 12VDC ⇒ 0 1 2
voltage 24VDC ⇒ 0 2 4
voltage 115V 50/60Hz ⇒ 1 1 5
voltage 230V 50/60Hz ⇒ 2 3 0

4 Kundenspezifische Anpassungen

(Standard) force 600N - 13mm/sec. ⇒ 0
Kraft 1000N - 3mm/sec. (only until 300mm stroke) ⇒ 1
Force 1500N - 3mm/sec. (only until 300mm stroke) ⇒ 2
Force 350N - 13mm/sec. ⇒ 3
Force 200N at 230V / 300N at 24V - 37mm/sec. ⇒ 4
800N at 230V / Force 1000N at 24V - 13mm/sec. (only until 300mm stroke) ⇒ 5
synchronous run ⇒ 2
Pot. free signal contacts OPEN / CLOSED ⇒ 1
Options ⇒ 0 0 0
on request Color: wheat RAL 9016 ⇒ W

Further information available at: www.drfa.de

Specifications:

Voltage / Current: 24VDC +/- 20% max.1,2A
Voltage / Current: 230VAC +/- 20% max.0,2A

Compressive-,
Tensile force: 200 until 1500N
Static force: 2000N
Stroke: up to 600mm
Speed: max. 3 / 13 / 37mm/sec.
Protection level: IP55 (>on request)
Duty cycle: 50%
Tare weight: approx. 1,6kg

Your speciality retailer: