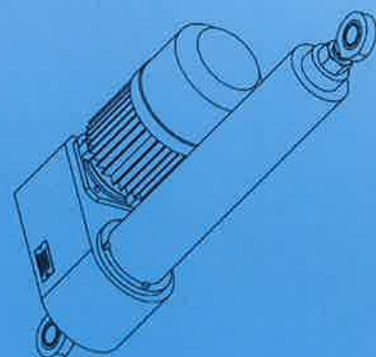




**ENZFELDER** GmbH

**Power transmission- and  
lifting engineering**

**Electric cylinder parallel  
Type ELZP**



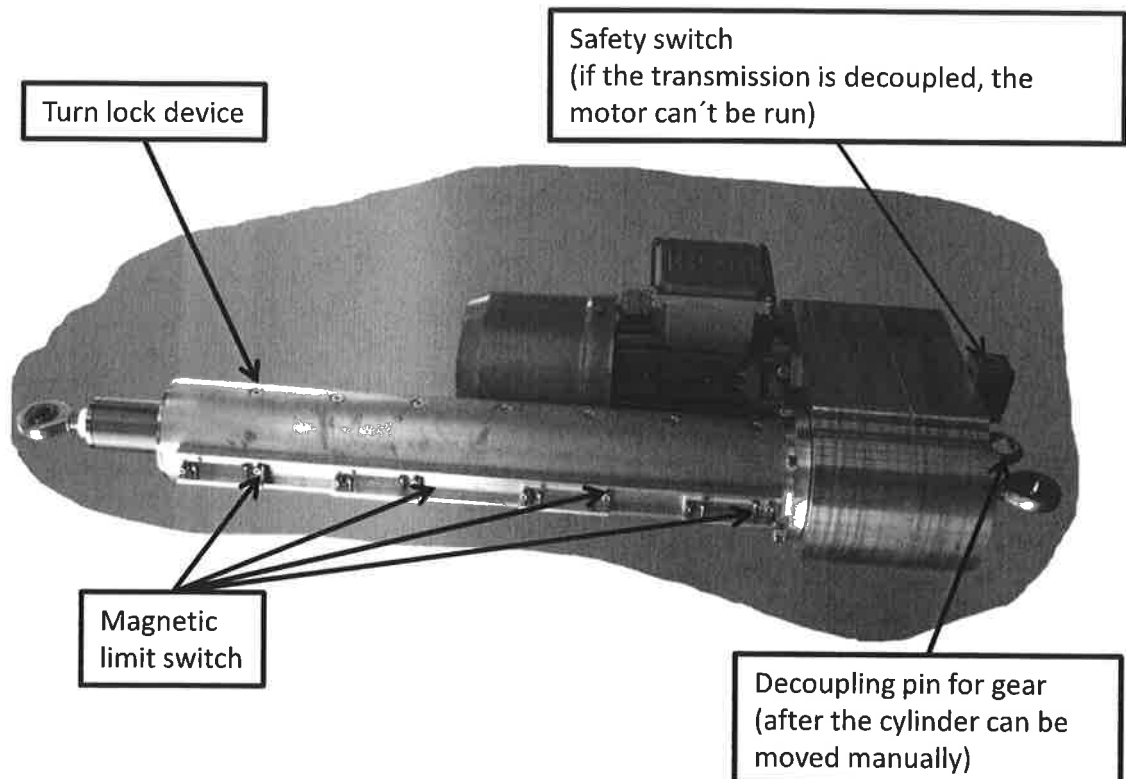
# ELZP

## Elektrozylinder parallel

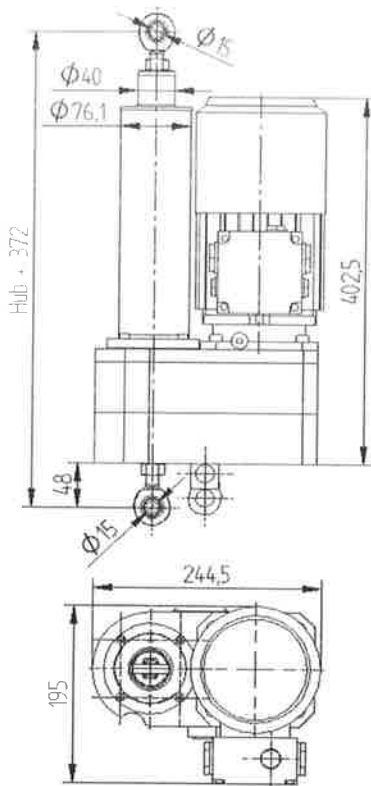
The newly developed electric cylinder ELZP is an ideal extension of the comprehensive program of gear of the company Enzfelder. With the special construction, motor receives parallel to the cylinder tube, you get a very compact cylinder which convinces with its maximum efficiency. In combination with the specially developed transmission decoupling system, for manual emergency operation, the ELZP is ideal for opening and closing of gates, doors, windows and flaps. This is just one of countless possibilities for the cylinder is ideal for, you just need to let your ideas run wild.

### Advantages of the cylinder:

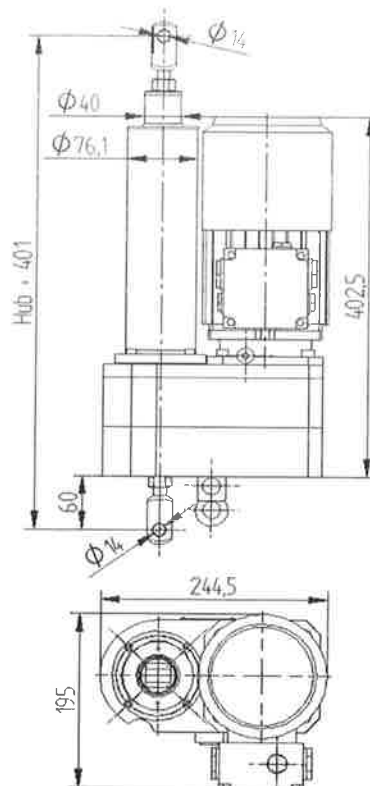
- + Compact design and maximum efficiency
- + High lifting speeds
- + Long life
- + Large selection of custom equipment
- + Transmission decoupling system for manual emergency operation
- + Wide application range



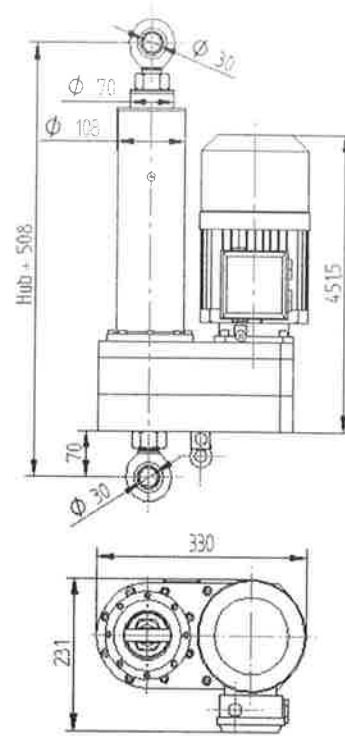
**ELZP 0006/ 0018**  
with swivel head



**ELZP 0006/ 0018**  
with clevis



**ELZP 0050**  
with swivel head



Gearbox						Motor			
Designation	Nominal power	Lifting speed	Duty cycle	Spindle	Max. rpm	Designation	Power	Voltage	Brake
ELZP 0006	6 kN	2,933 m/min	30 %/h	KGT 1610	1400	AC motor 7WAR 72N4-BRS	0,37 kW	400 V / AC	230 V
ELZP 0018	18 kN	1,653 m/min	30 %/h	KGT 2510	900	AC motor 7WAR 81N4-BRS	0,75 kW	400 V / AC	230V
ELZP 0050	50 kN	1,467 m/min	30 %/h	KGT 3210	1370	AC motor 7WAR 91S4-BR20	1,1 kW	400 V / AC	230 V

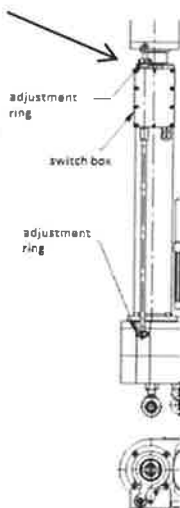
**Stepless  
limit switch SEA**

operating or operating and emergency limit switches turn only at the top and the lower end position switch as an opener or closers possible

**Switching capacity**

250 V	AC	13 A
250 V	AC	9 A
250 V	AC	6 A
250 V	AC	3 A
24 V	DC	8 A
24 V	DC	2 A

Possibilities:  
SEA2 or SEA4



**Magnetic  
limit switch MEA**

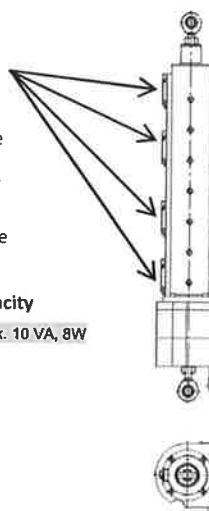
**Magnetic switch:**

adjustable limit switch, there are also intermediates possible. This type of limit switch is always with a turn lock device

**Switching capacity**

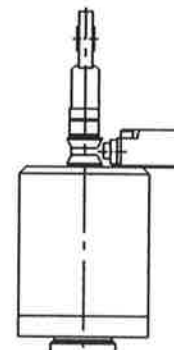
max. 250 V AC/DC 0,5 A max. 10 VA, 8W

Cablelength: 1 m  
Possibilities:  
MEA1 bis MEA10



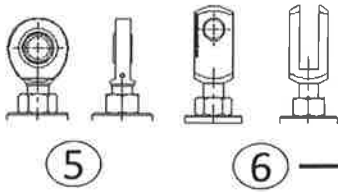
**Tension-pressure  
Overload protection  
ÜS**

With the Overload protection the process path can slightly differ but not more than 9 mm.



SI = with safety nut  
 00 = without safety nut

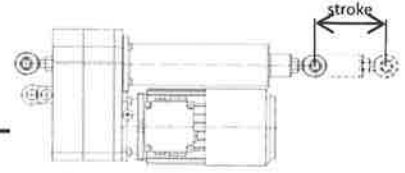
GEK = with transmission decoupling system  
 00 = without gear decoupling system



Standard ratio  
 on request are  
 other reductions  
 possible

Refers to the  
 possible nominal power

ELZP  
 Electric cylinder  
 parallel



AC = AC brake motor  
 DC = DC brake motor  
 00 = without motor

00 = without turn lock device  
 VS = with turn lock device

00 = no limit switch  
 MEA = magnetic  
 limit switch  
 SEA = stepless  
 limit switch

00 = no Overload  
 protection  
 Üsx = Overload protection  
 x is the release force  
 in kN

**ELZP 0006-5,44-5-GEK-SI-450-AC-VS-5-SEA4-ÜS7**

Type

Gear size

Reduction i

Spindle nose

Transmission decoupling

Safety nut

Stroke mm

Motor

Turn lock device

Head on the housing

Limit switch

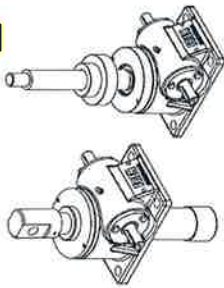
Number of Switches

Tension-pressure -overload protection

# Product overview 03/2015

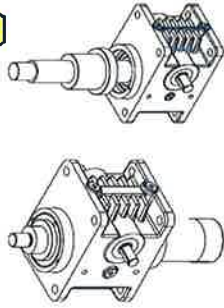
**SG**

Screw jack  
Classic



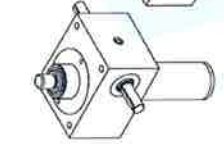
**HSG**

High performance-  
Screw jack



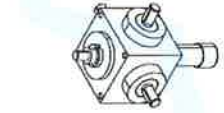
**BG**

Screw jack  
Cubic



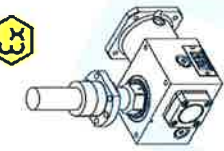
**SHG**

Quick-lifting  
screw jack



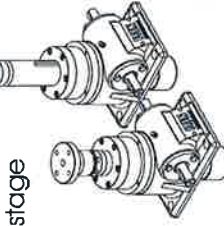
**SH**

Servo lifting  
gear



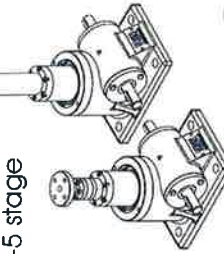
**TSGLR**

Telescopic spindle-  
Screw jack  
2-stage



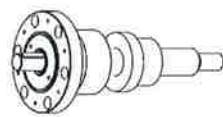
**TSG**

Telescopic spindle-  
Screw jack  
2-5 stage



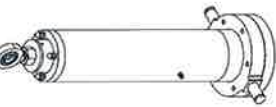
**SLA**

Spindlebearing



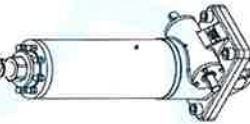
**SEZ**

Spindlebearings-  
Cylinder



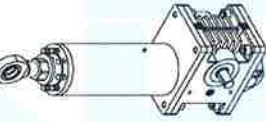
**ELZ**

Electric cylinder



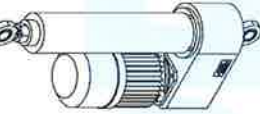
**HELZ**

High performance-  
Electric cylinder



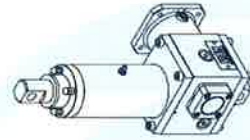
**ELZP**

Electric cylinder  
Parallel



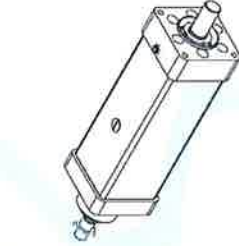
**SHELZ**

Servo electric-  
cylinder



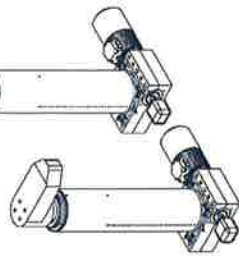
**EPNEU**

Spindle-  
Electric cylinder



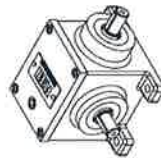
**TSGZ**

Telescopic-  
spindlecylinder  
2-5 stage  
And off-load



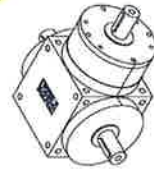
**K**

Bevel gear  
Type K



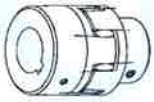
**H**

Bevel gear  
Type H



**R / GS**

Elastic / backlash-free  
Coupling



**RT**

Slip hub



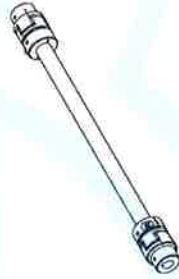
**RK**

Slip coupling



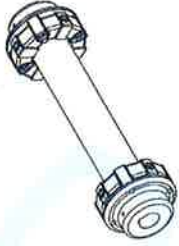
**ZR**

FREN  
Connecting shaft



**G / GX**

Elastic  
Connecting shaft

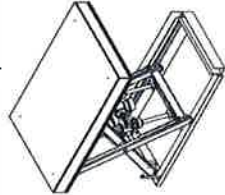


Cardan shaft



**HT**

Lifting table  
mechanic / hydraulic



**SW**

Rope winche



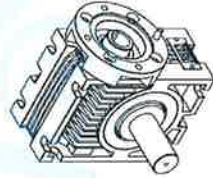
**PLG**

Planetary gear



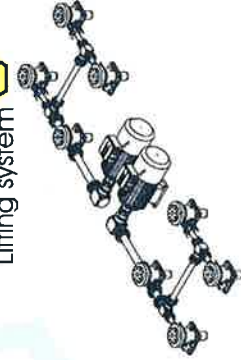
**uniCe**

Worm gear



**HA**

Lifting system



**Special gear**

