

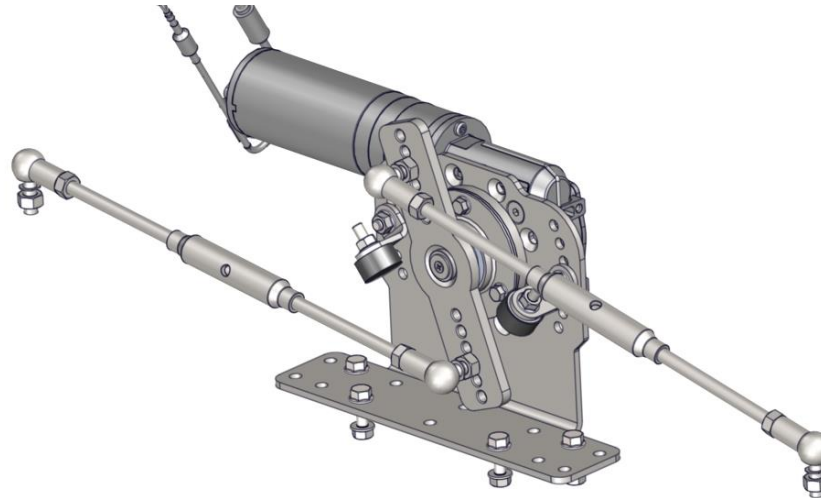
Montageanleitung **Assembly Instruction**

TSG in universal Falttür **TSG in universal folding door**

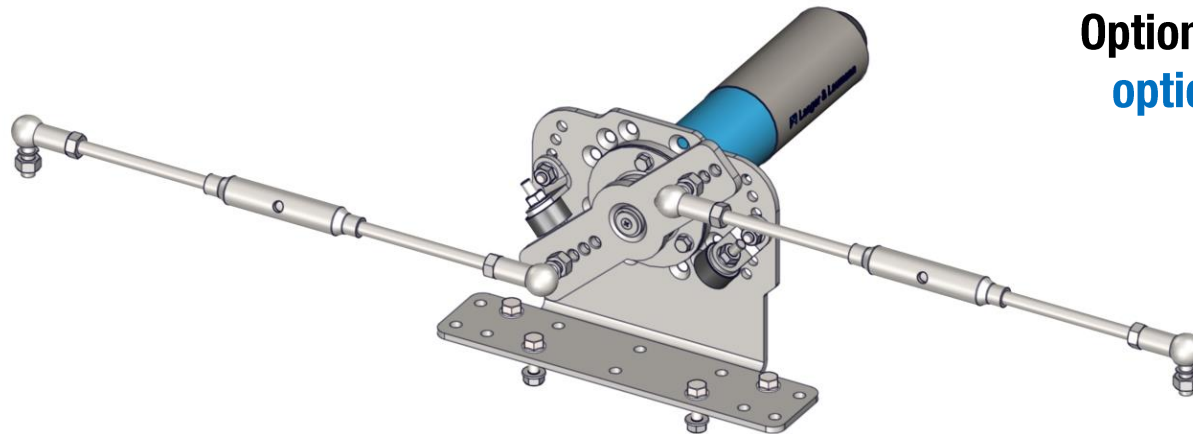
Option Montage PLG Motor S.10 -
option PLG motor p.10

TSG in universal Falttür - TSG in universal folding door

Motor Schneckengetriebe -
motor gearbox

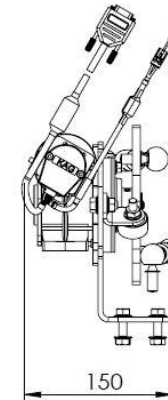
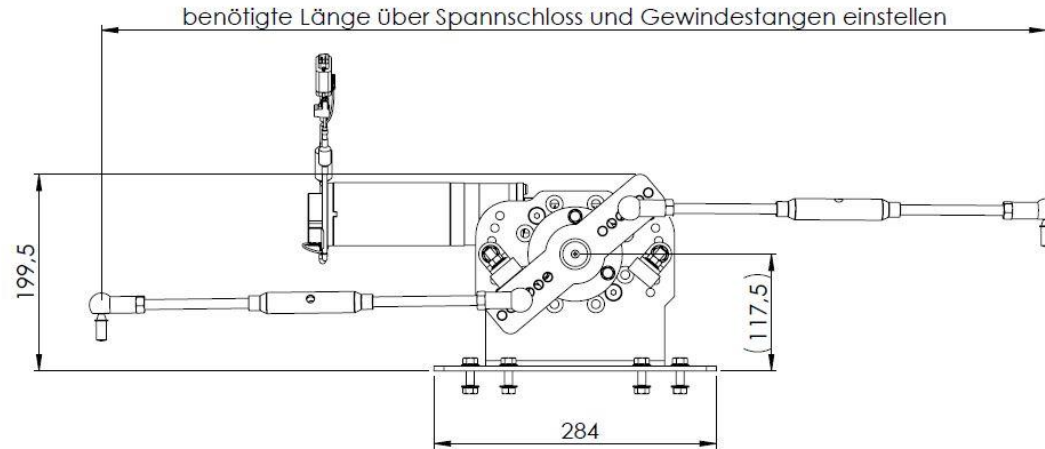


Option Motor PLG -
option motor PLG

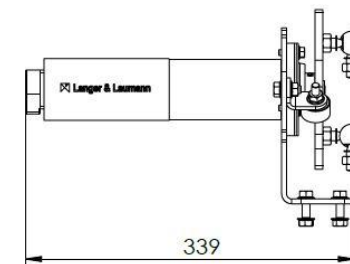
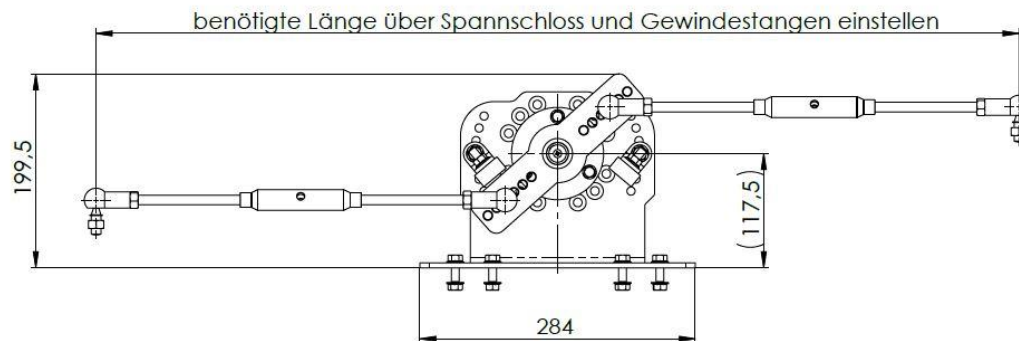


Maximale Abmessungen - maximum measurements

Motor Schneckengetriebe - motor gearbox



Option Motor PLG - option motor PLG



Lieferumfang – scope of delivery

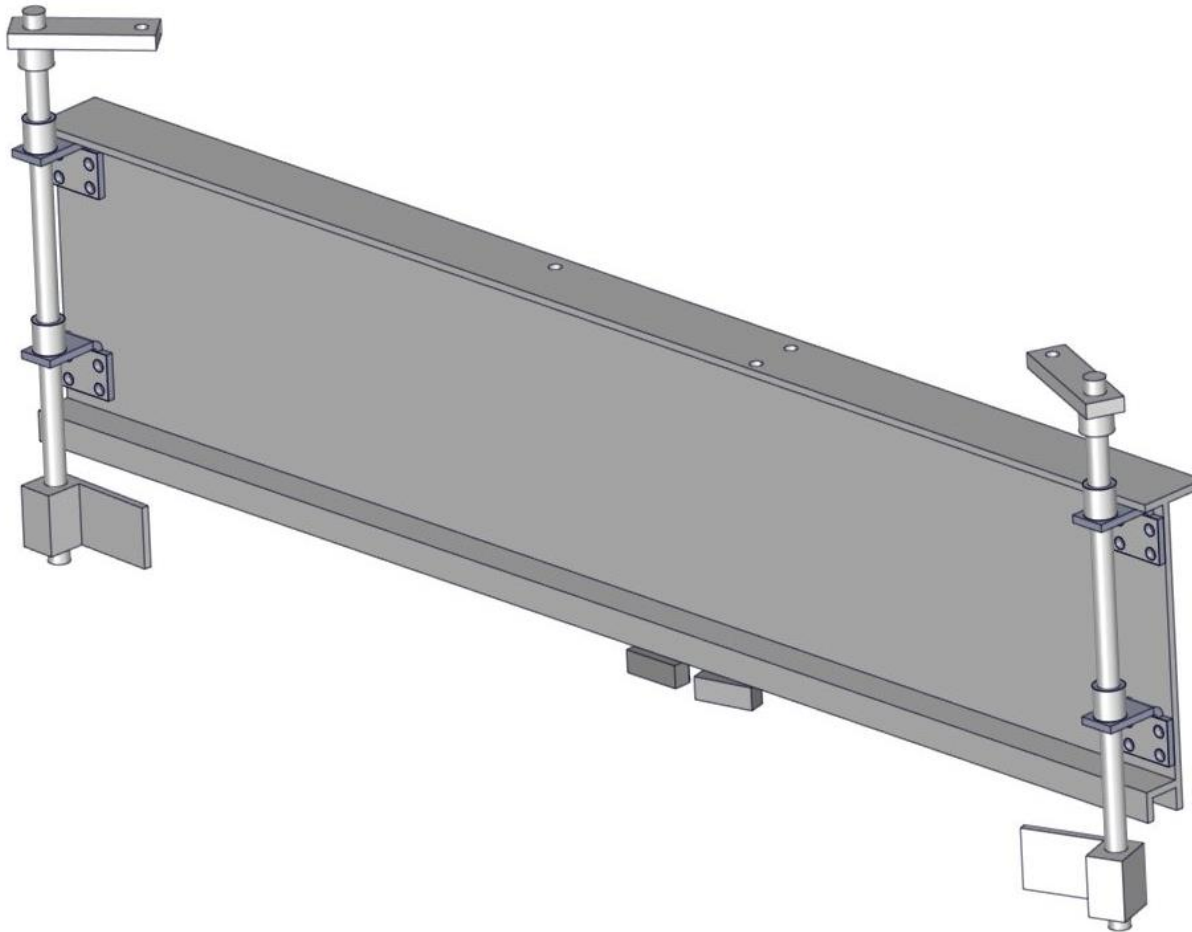


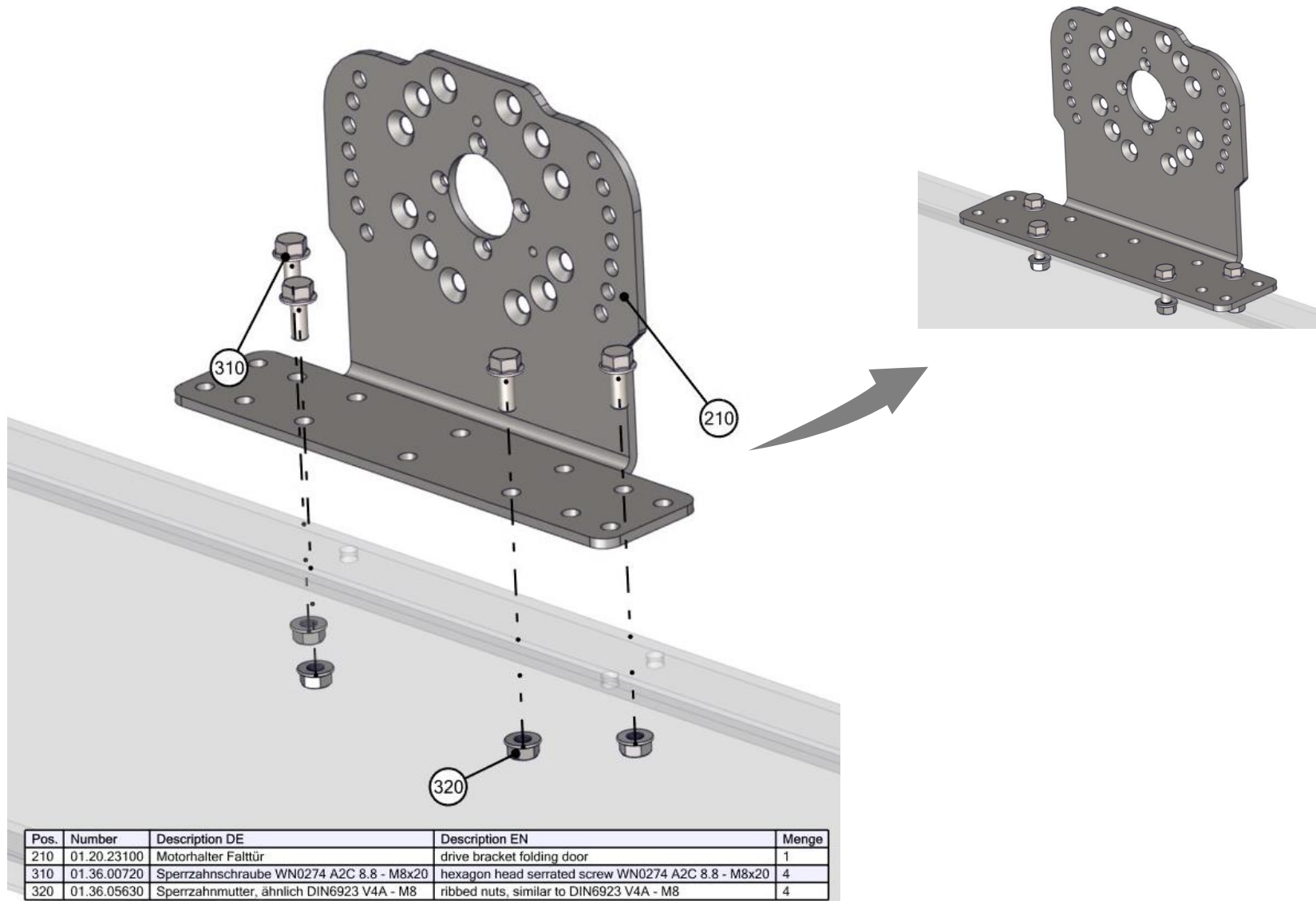
picture	Number	description DE	description EN	quantity
	8.20.00101.04	TSG V4 Lift Door Operator – Electronic extern-	TSG V4 Lift Door Operator – Electronic extern	1
	8.20.4004x.xx/ 8.20.4002x.xx	Motor Schneckengetriebe/ Motor PLG	motor gearbox/ motor PLG	1
	1.20.60350	Motoradapterplatte sternförmig zur Montage Motor PLG und Schneckengetriebe	motor adapter plate star-shaped for mount of the motor PLG and gearbox	1
	1.20.23100	Motorhalter Falttür	drive bracket folding door	1
	1.20.23101	Abstandsring für Motorhalter Falttür	spacer ring for drive bracket folding door	1
	1.20.23102	Kugel-Flanschlager für Motorhalter Falttür	Flange for drive bracket folding door	1
	1.20.23103	Drehkranz für Motorhalter Falttür	slewing ring for drive bracket folding door	1
	1.20.23104	Pufferhalter für Motorhalter Falttür	buffer holder for drive bracket folding door	2

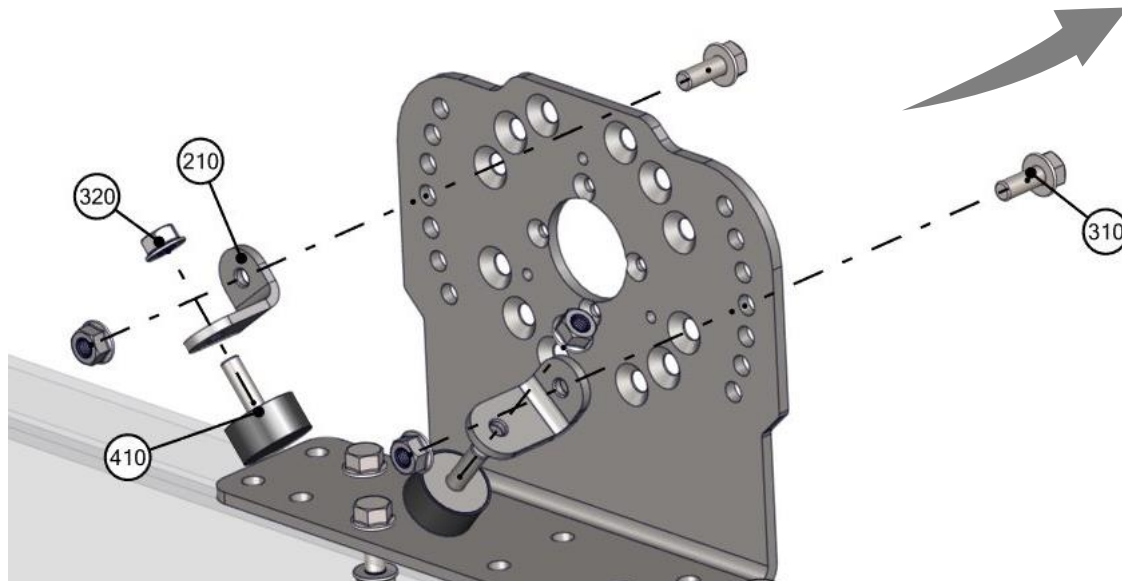
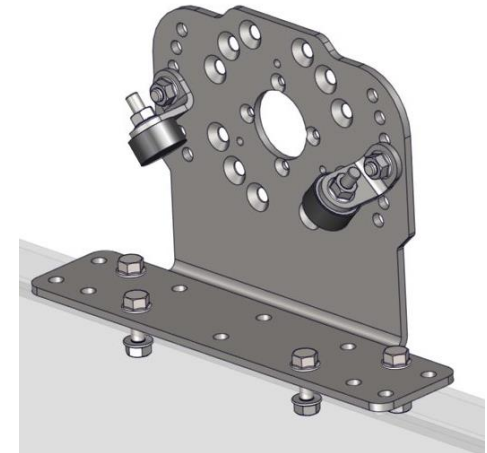
picture	Number	description DE	description EN	quantity
	1.20.23105	Winkelgelenk DIN 71802 Ausführung CS mit Sicherungsbügel M10 rechts	angle joint DIN 71802 CS version with locking M10 right	2
	1.20.23106	Gewindestange, 1000mm, rechtssteigend	Threaded rod, 1000mm, right-handed	2
	1.20.23107	Spannschloßmutter DIN1478 Gewinde M10	turnbuckle nut DIN 1478 M10 thread	2
	1.20.23108	Gewindestange, 1000mm, linkssteigend	threaded rod, 1000mm, left-handed	2
	1.20.23109	Winkelgelenk DIN 71802 Ausführung CS mit Sicherungsbügel M10 links	angle joint DIN 71802 CS version with locking M10 left	2
	1.20.91120	Gummipuffer D30x15, Gewindebolzen M8x20, 75 Shore	rubber-metal bump stop D30x15, threaded stud M8x20, 75 Shore	2
	1.36.00720	Sperrzahnschraube WN0274 A2C 8.8 - M8x20	hexagon head serrated screw WN0274 A2C 8.8 - M8x20	6
	1.36.00501	Sperrzahnmutter, ähnlich DIN6923 vz - M8	serrated locking nut, similar to DIN6923 vz - M8	8
	1.36.00150	Sechskantmutter DIN934-8 vz 8.8 - M10	hexagon nut DIN934-8 vz 8.8 - M10	4

picture	Number	description DE	description EN	quantity
	1.36.00138/ 1.36.00137	Sperrzahnschraube WN0274 A2C 8.8 - M6x16/ Sperrzahnschraube WN0274 A2C 8.8 - M6x20	hexagon head serrated screw WN0274 A2C 8.8- M6x16/ hexagon head serrated screw WN0274 A2C 8.8 - M6x20	3
	1.36.00358	Senkkopfschraube mit Innensechskant DIN7991 vz 8.8 - M6x12	countersunk head screw w.recessed head DIN7991 vz8.8 - M6x12	4
	1.36.00370	Senkkopfschraube mit Innensechskant DIN7991 vz 8.8 - M8x12	countersunk head screw w.recessed head DIN7991 vz8.8 - M8x12	4
	1.36.00008	Linsenschraube DIN7985 vz 4.8 - M4x20	pan head screw DIN7985 vz 4.8 - M4x20	1
	1.36.00451	Kotflügelscheibe DIN522 vz - 4,3x25x1,25	wing repair washer DIN522 vz - 4,3x25x1,25	1

Für Umbau vorbereiten – preparation before conversion

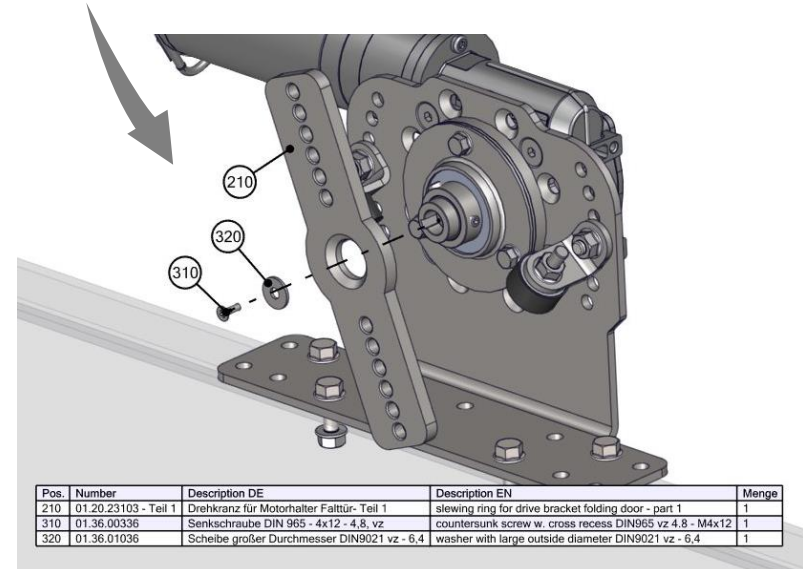
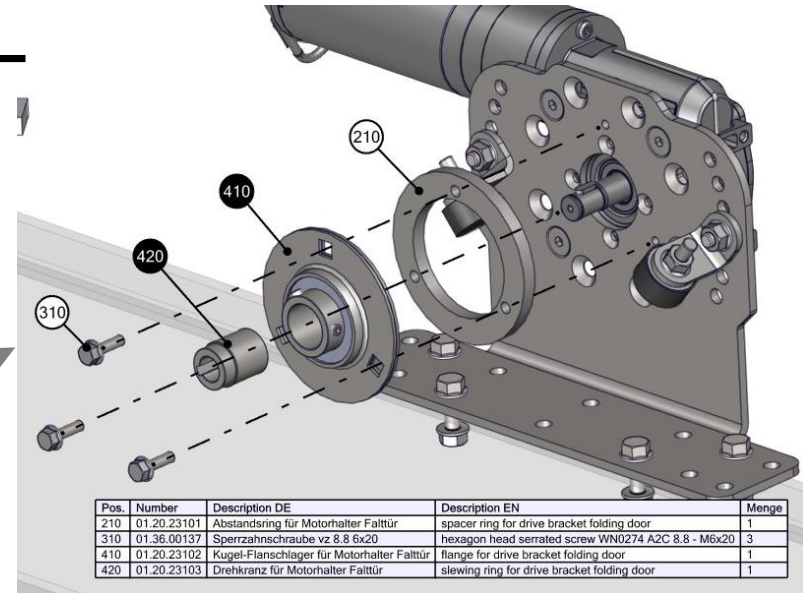
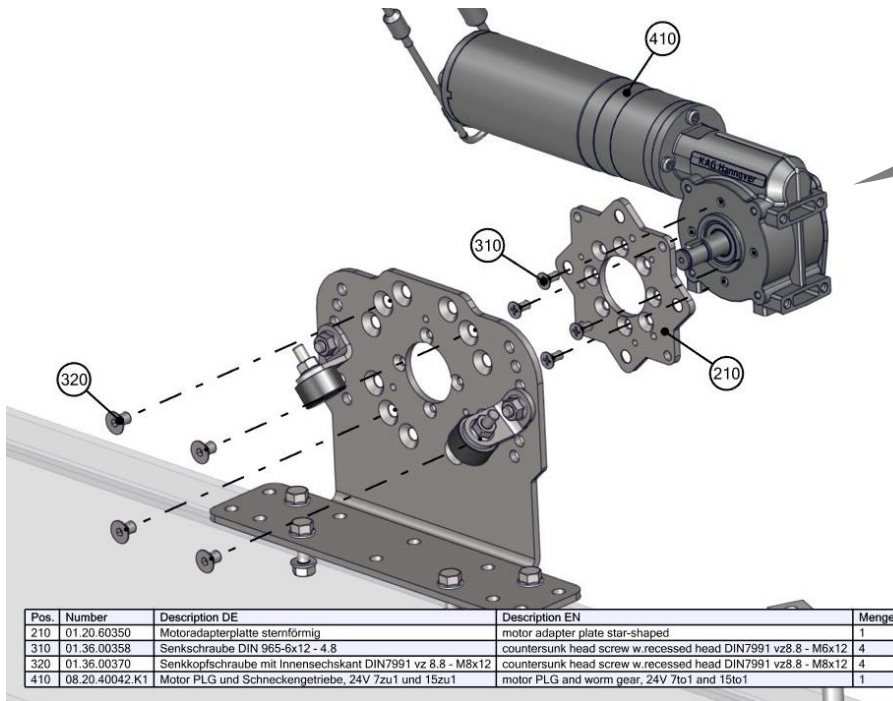




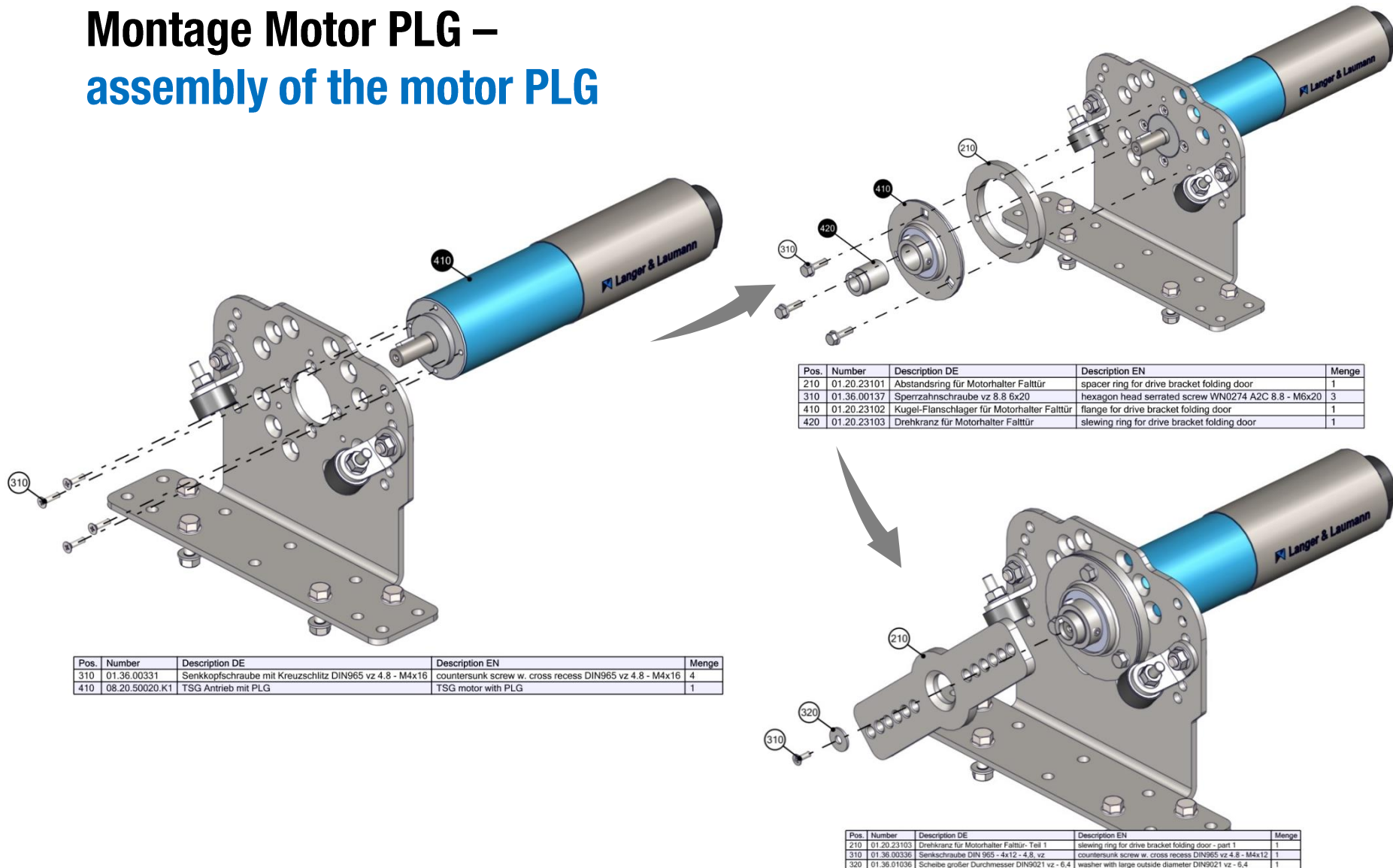


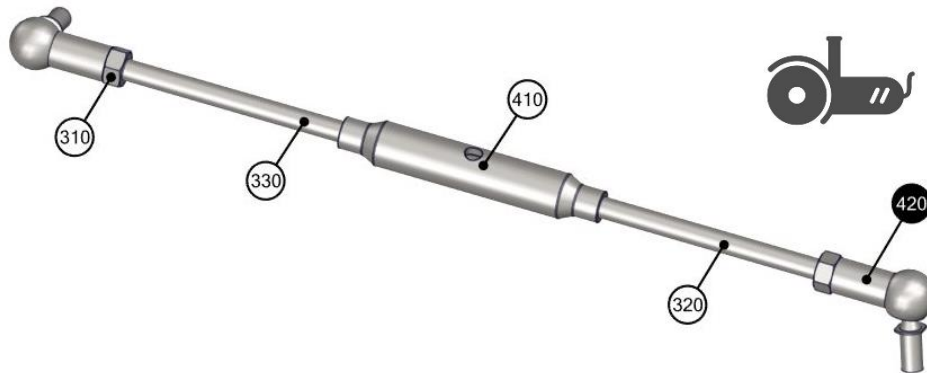
Pos.	Number	Description DE	Description EN	Menge
210	01.20.23104	Pufferhalter für Motorhalter Falttür	buffer holder for drive bracket folding door	2
310	01.36.00720	Sperrzahnschraube WN0274 A2C 8.8 - M8x20	hexagon head serrated screw WN0274 A2C 8.8 - M8x20	2
320	01.36.05630	Sperrzahnmutter, ähnlich DIN6923 V4A - M8	ribbed nuts, similar to DIN6923 V4A - M8	4
410	01.20.91120	Gummi Metall Puffer 30x15, M8x20 Gewindebolzen	rubber-metal bump stop D30x15, threaded stud M8x20, 75 Shore	2

Montage Motor Schneckengetriebe – assembly of the motor gearbox

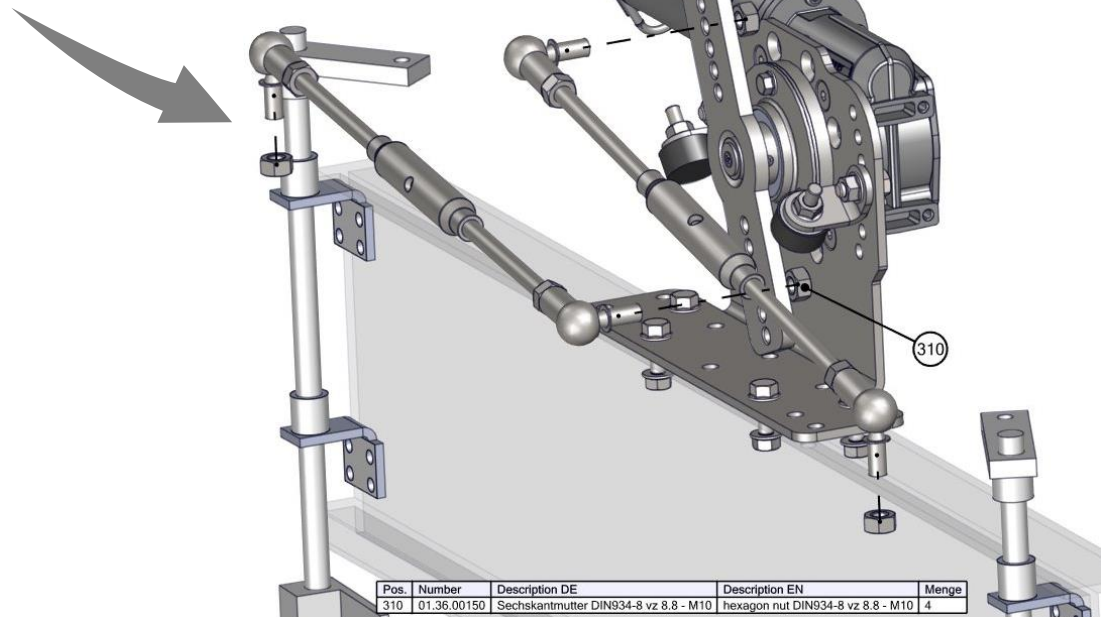


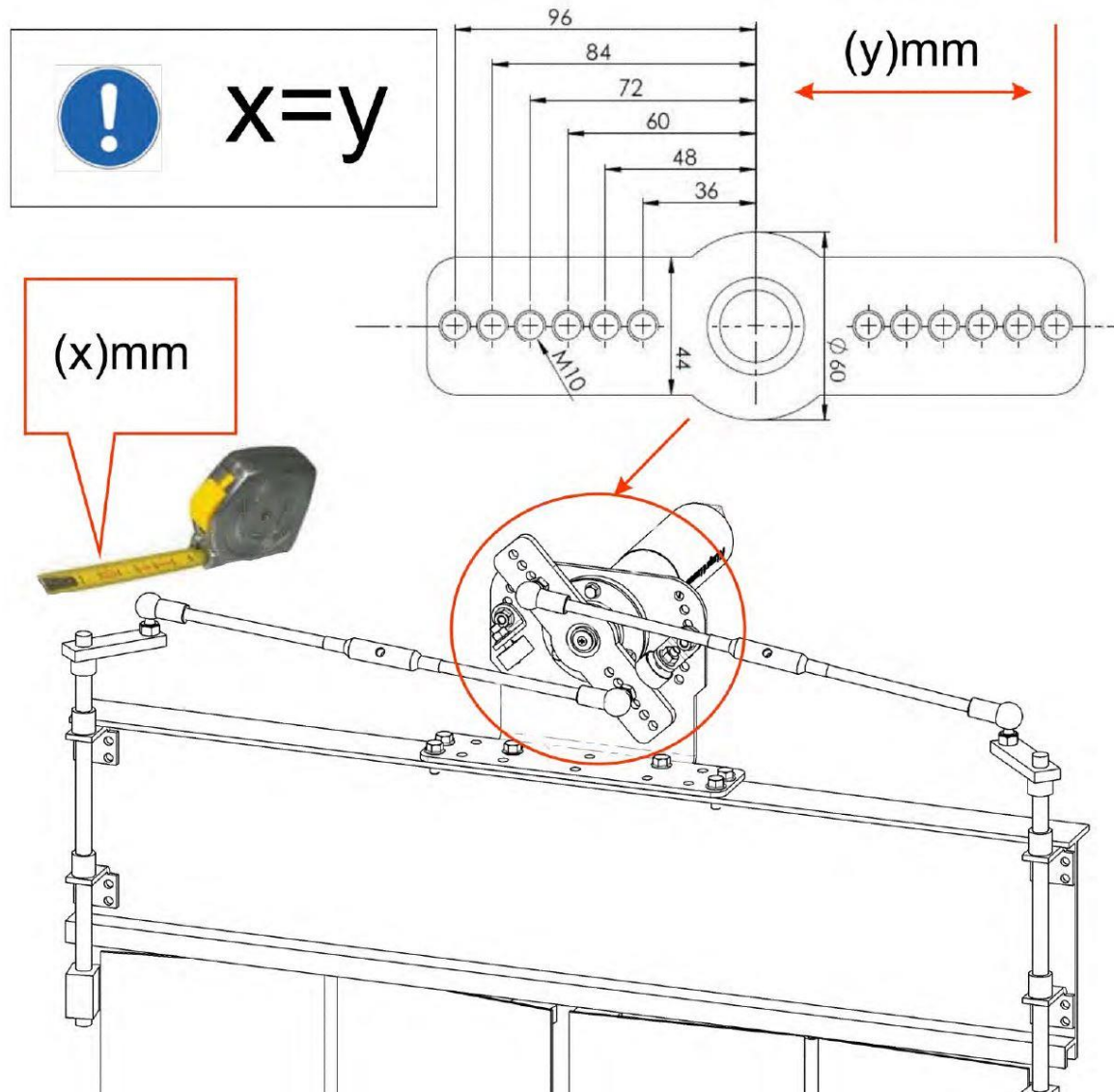
Montage Motor PLG – assembly of the motor PLG

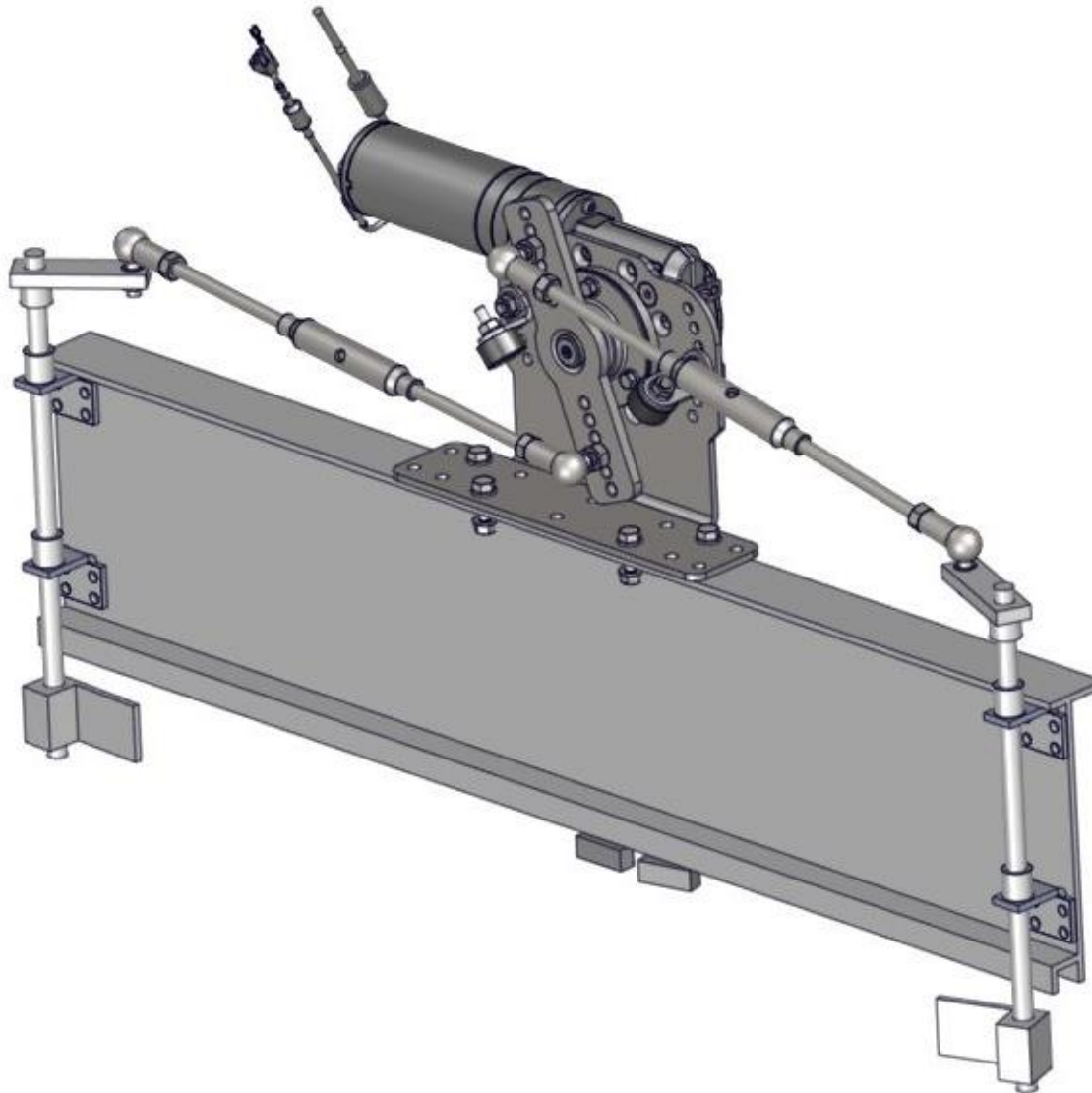




Pos.	Number	Description DE	Description EN	Menge
310	01.36.00150	Sechskantmutter DIN934-8 vz 8.8 - M10	hexagon nut DIN934-8 vz 8.8 - M10	2
320		Gewindestange DIN 975 M 10 x 170 mm lang linkssteigend,vz	threaded rod DIN 975 M 10 x 170 mm, left-handed	1
330		Gewindestange DIN 975 M 10 x 170 mm, rechtssteigend,vz	threaded rod DIN 975 M 10 x 170 mm, right-handed	1
410	01.20.23107	Spannschloßmutter DIN1478 Gewinde M10, vz.	turnbuckle nut DIN 1478 M10 thread	1
420	01.20.23109	Winkelgelenk DIN 71802 Ausführung CS mit Sicherungsbügel M10 links	angle joint DIN 71802 CS version with locking M10	1









Langer & Laumann Ingenieurbüro GmbH
Wilmsberger Weg 8
48565 Steinfurt
Germany

Tel.: +49 (2552) 92791 0

support@lul-ing.de
www.lul-ing.de