DRAWINGS AND SPARE PARTS



Vers 260624

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SCREWDRIVER MODELS AND FORM FACTORS

Inline screwdrivers



Models up to 15 Nm and 20S



Models 20 Nm and up

Pistol screwdrivers

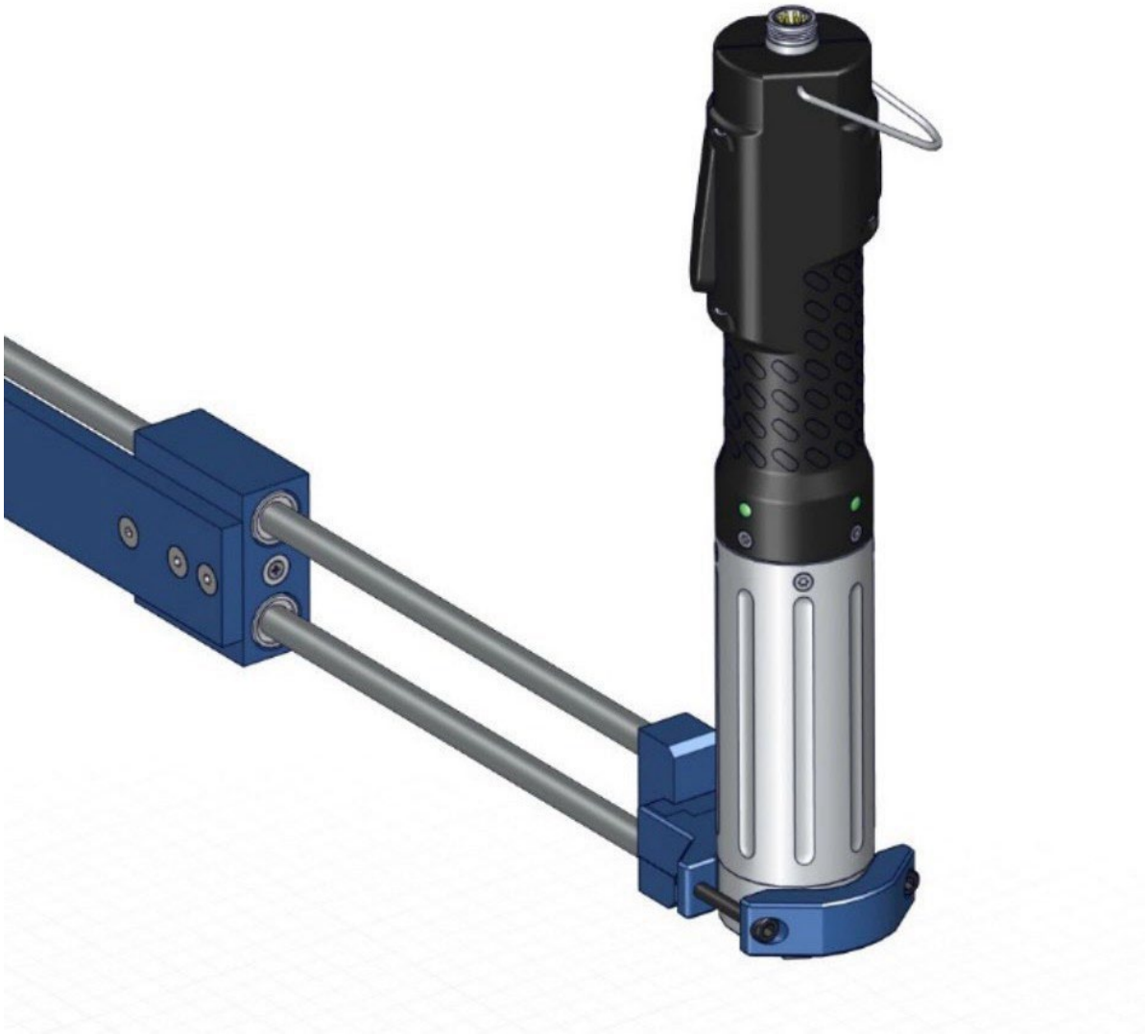
Pistol screwdrivers up to 15 Nm can be purchased with either bottom or top (/U) mounted cable connector:





KDS PL 20 – 35 - 50

Hand version



2022 discontinued S/R style: START / REVERSE buttons are at the top of the screwdriver:







/CA version



Angle head screwdrivers KDS PL 6-10 ANG

Hand version





Angle head screwdrivers KDS PL 15 ANG

Note: KDS-PL15 also available with ¼" right-angle head (12 Nm max)

Hand version

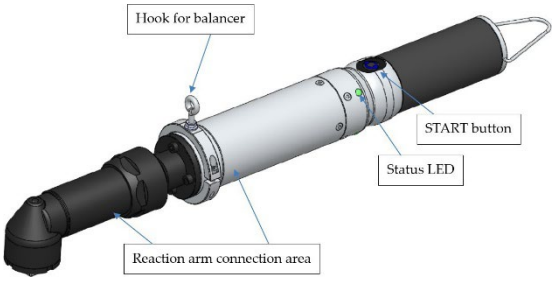




Angle head screwdrivers KDS PL 30-45-70 ANG



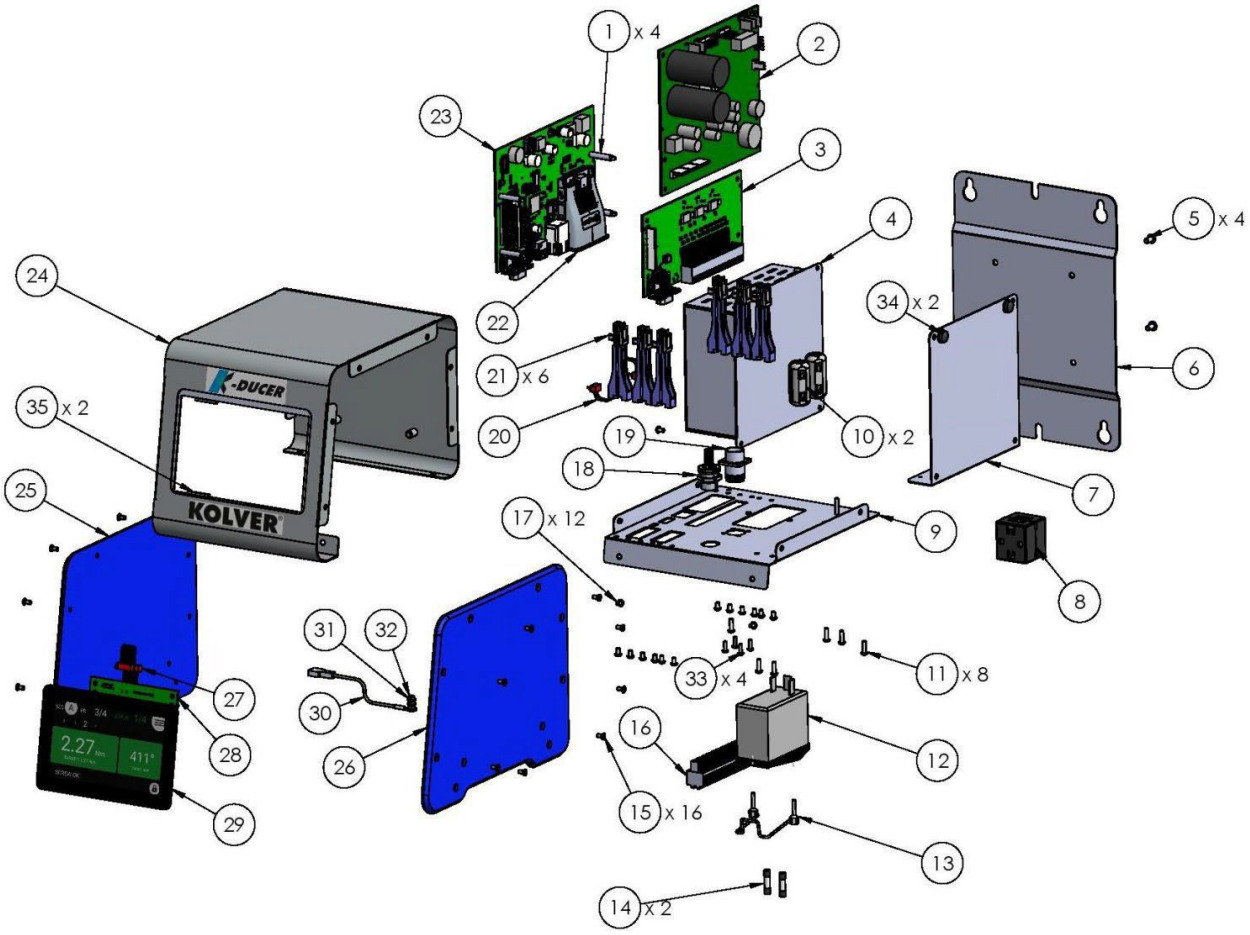
Hook for tool balancer is optional, part number 010176



2022 discontinued S/R button style:

K-DUCER

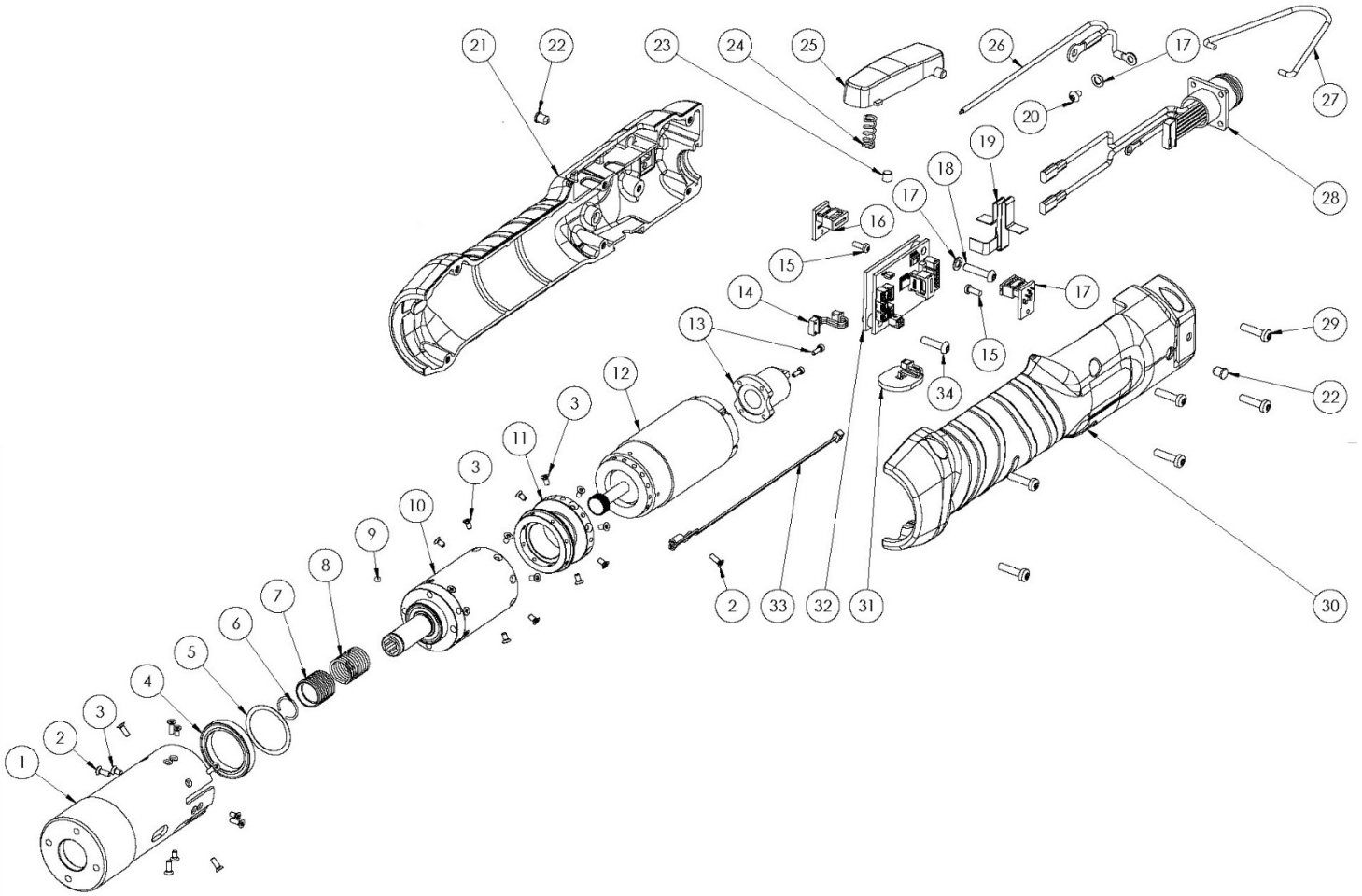
EXPLODED VIEW KDU-1A:

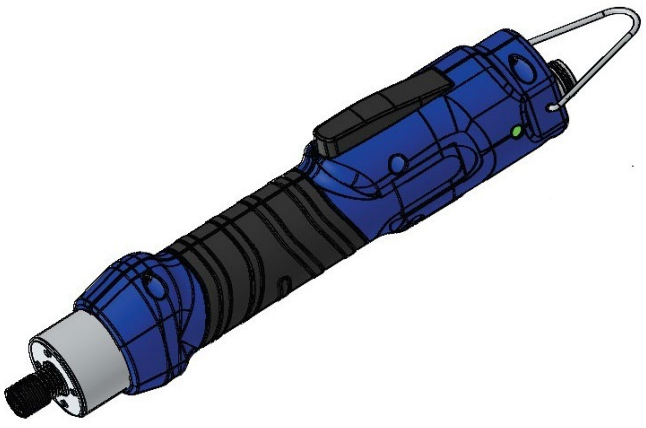


SPARE PARTS KDU-1A:

Position	Description	Quantity	Part Number
1	SPACER 22MM KDU	4	872522
2	MOTOR BOARD K-DUCER	1	852530
3	I/O BOARD (44 PIN CONNECTOR) - KDU	1	852533/B
4	SWITCHING 48V 600W MW	1	872492
5	SCREW M4X8 ZN TX20	4	872534
6	SIDE PLATE	1	872504
7	SUPPORT SWITCHING PLATE KDU	1	872505
8	FERRITE RKCF-08-A5	1	872468
9	BOARDS SEAT	1	872503/A
10	FERRITE SCREWDRIVER CONNECTOR	2	872523
11	SCREW M3X10 ZN TX10	6	231530
12	FILTER AR13.6 A	1	800718
13	ANTI-UNTHREAD PLUGS	1	800719
14	FUSE 3,15A F-520LT3.15	2	800619
15	SCREW TSP M3X8 TX10 ZN	16	801009
16	CONNECTOR I/O 44PIN	1	872526
17	SCREW M3 X 5 ZN TX10	18	872444
18	CONNECTOR M12 8 POLI FEMALE	1	872537
19	CONNECTOR M16 10 PIN FEMALE	1	201668/HU
20	FLAT CABLE 4 PIN	1	872539
21	SUPPORT MOTOR BOARD	6	872442
22	COVER	1	872521
23	I/O (MICRO) BOARD	1	852533/A
24	FRONT PANEL	1	872502
25	LEFT SIDE KDU	1	872500
26	RIGHT SIDE KDU	1	872501
27	FLAT CABLE 8 PIN + FERRITE	1	872540
28	FTDI DISPLAY TOUCH BOARD	1	852529
29	DISPLAY TOUCH 5" DLC0500HZR-T-17	1	852532
30	GROUND CABLE	1	800090/E
31	WASHER M3	3	800041
32	M3 BRUSSER NUT	3	800056/O
33	SCREW M2,5X8 ZN TX10	4	872478
34	RUBBER SUPPORT	2	800016
35	GASKET	2	872524
	LABEL	1	818006/SW
	CABLE 3x0,75 H05VVF 2mt. SCHUKO	1	800620

EXPLODED VIEW KDS-PLxx:

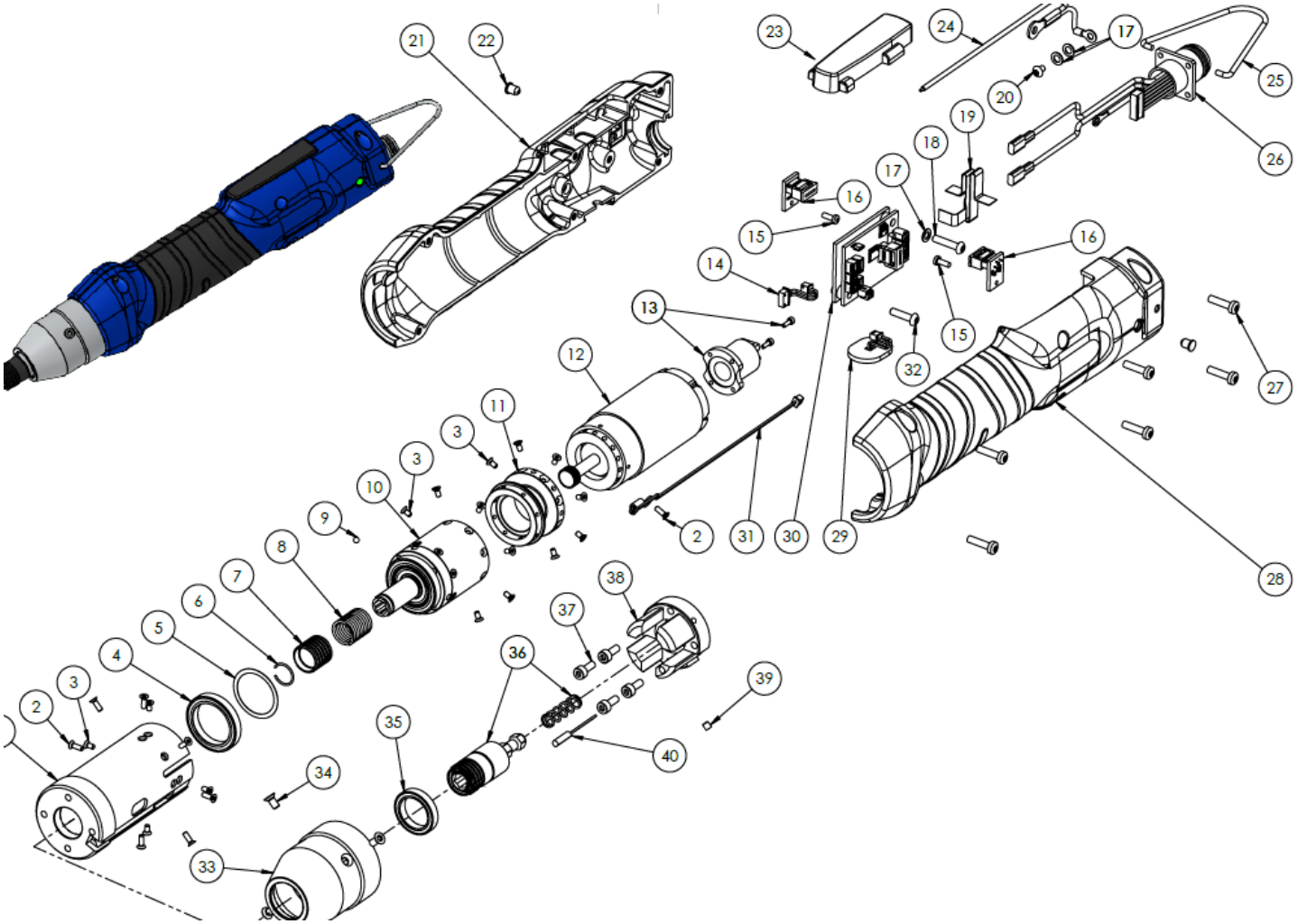




SPARE PARTS KDS-PLxx:

Pos.	Description	Qty	Code
1	MOTOR SEAT KDS-PL3	1	234505/TD3
	MOTOR SEAT KDS-PL6-10-15		234505/TD
	MOTOR SEAT KDS-PL20S		234505/TD20
2	M2x6mm TX6	9	231527
3	M2x4mm TX6	19	231531
4	BEARING	1	231533
5	WASHER	1	231532
6	RING	1	200007
7	RING	1	230020/1
8	SPRING	1	230021
9	BALL 2.5MM	1	219817
10	REDUCTION GEARS KDS-3	1	231510/3D
	REDUCTION GEARS KDS-6		231510/6D
	REDUCTION GEARS KDS-10		231510/D
	REDUCTION GEARS KDS-15		231510/15DR
	REDUCTION GEARS KDS-20S		231510/20D
11	TRANSDUCER	1	231522
12	MOTOR KDS-3	1	231509/3L
	MOTOR KDS-6-10		231509/L
	MOTOR KDS-15		231509/15L
	MOTOR KDS-20S		231509/L
13	ENCODER	1	231528/M-128-2,5
14	SCREW 2.2X6	2	231538
15	SCREW 2.2X6	1	231536
16	LED BOARD KD	2	852535
17	WASHER	3	800041
18	SCREW M3X14	1	231545
19	PCB FLEX	1	852537
20	M2,5X4 TX8	1	872487
21	HOUSING BOTTOM FOR KDS	1	231550/ESD
22	LED GUIDE	2	231553
23	MAGNET D4X4MM	1	231540
24	SPRING LEVER	1	221061
25	LEVER KDS	1	231552/ESD
26	GROUND WIRING KDS	1	231546
27	HOOK	1	200060/N
28	CONNECTOR	1	201667
29	M3X10 TX10	6	231539
30	HOUSING TOP FOR KDS-XX	1	231551/ESD
31	REVERSE SWITCH	1	231535
32	BOARD KDS	1	852528
33	SENSOR	1	231534/D
34	SCREW M3X12	1	231547

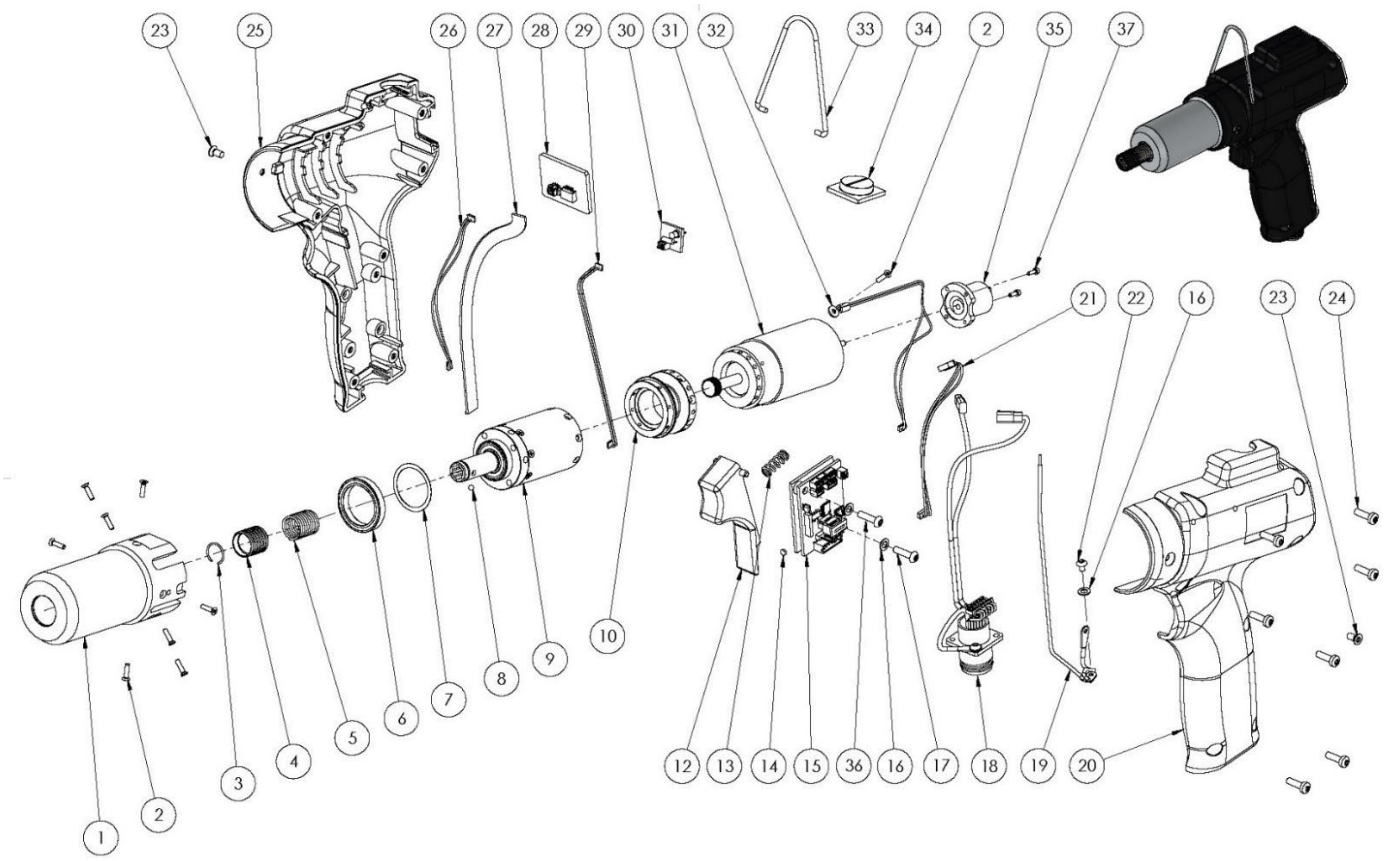
EXPLODED VIEW KDS-PLxxPS:



SPARE PARTS KDS-PLxxPS:

Pos.	Description	Code	
1	MOTOR SEAT PLUTO 6-10-15 D PS/LED	234505/TDPS	
2	SCREW M2X6MM TX6	231527	
3	SCREW M2X4MM TX6	231531	
4	BEARING	231533	
5	WASHER	231532	
6	RING	200007	
7	RING	230020/1	
8	SPRING	230021	
9	WASHER	219817	
10	REDUCTION GEARS	KDS PL3	231510/3D
		KDS PL6	231510/6D
		KDS PL10	231510/D
		KDS PL15	231510/15DR
11	TRANSDUCER	231522/E	
12	MOTOR	KDS PL3	231509/3L
		KDS PL 6-10	231509/L
		KDS PL15	231509/15L
13	MAGNETIC ENCODER 128CPR 2,5MM KDS-PL	231528/M-128-2,5	
14	ENCODER WIRING KDS	231536	
15	SCREW ZN ECOSIN 2.2X6	231538	
16	LED KDS BOARD	852535	
17	WASHER M3	800041	
18	SCREW M3X14	231545	
19	PCB FLEX	852537	
20	SCREW M2,5X4 TX8	872487	
21	HOUSING BOTTOM (PCB) FOR KDS-XX/D	231550/ESD	
22	LED GUIDE	231553	
23	BUTTON COVER KDS	231552/PS	
24	GROUNF WIRING KDS	231546	
25	HOOK	200060/N	
26	CONNECTOR	201667	
27	SCREW ZN ECOSIN M3X10 TX10	231539	
28	HOUSING TOP FOR KDS-XX/D	231551/ESD	
29	REVERSE SWITCH KDS	231535	
30	TRANSDUCER BOARD	852528	
31	TRANSDUCER TEMPERATURE SENSOR	231534	
32	SCREW M3X12	231547	
33	COVER KDS SPINTA PER CUSCINETTO	234554/C/KDS	
34	BN4851 SCREW TSP M3X6 TX10 ZN	801002	
35	INOX WASHER DI15-DE21 H4	234557/C	
36	ASSEMBLED INSERT	234559/KIT	
37	SCREW M3 X 8	231508	
38	HOLDER SENSORE KDS-PL PS	234553/KDS	
39	SCREW M3X3	200039	
40	MAGNETIC SENSOR MK20/2-B-500W	251153	

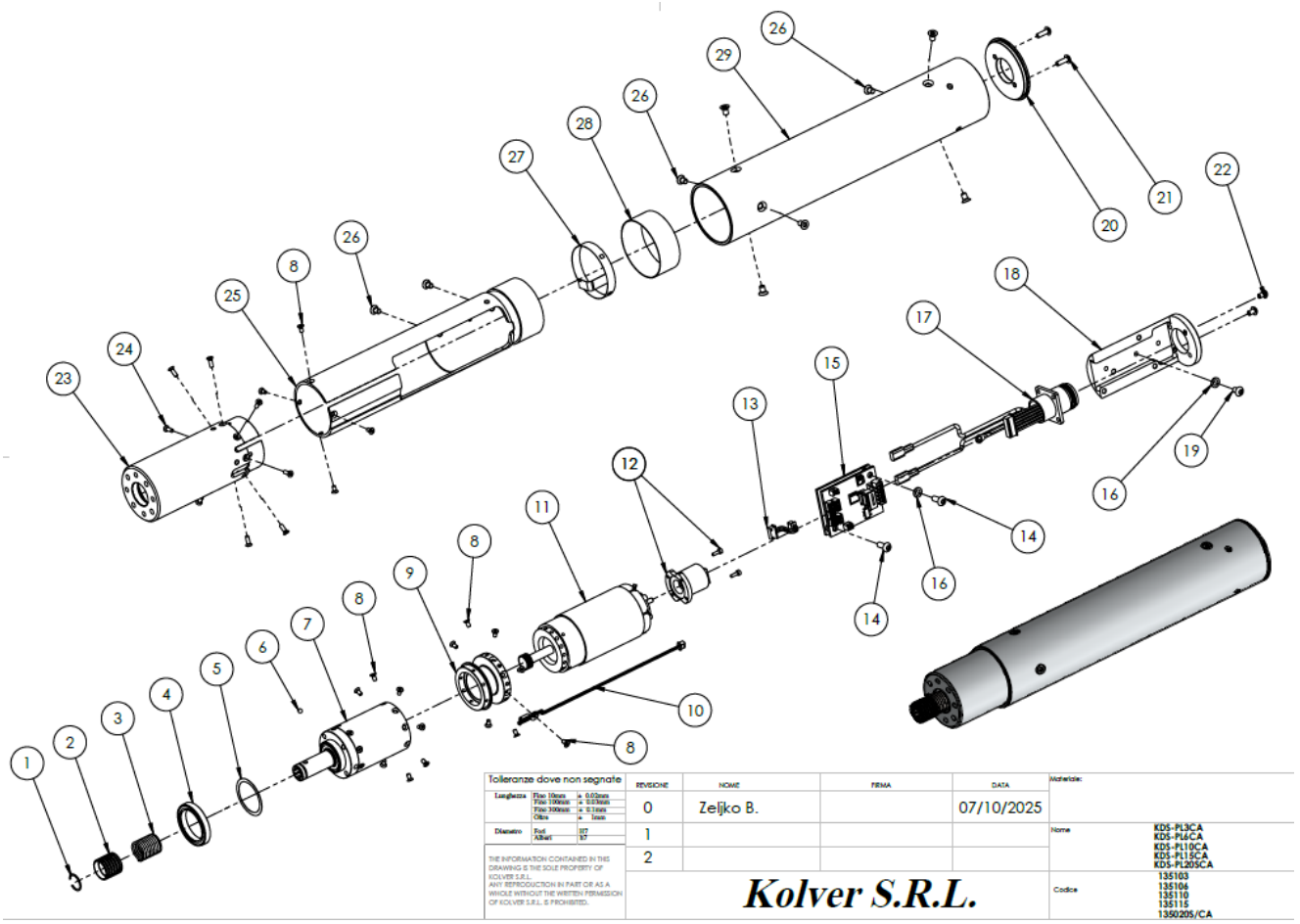
EXPLODED VIEW KDS-PLxxP:

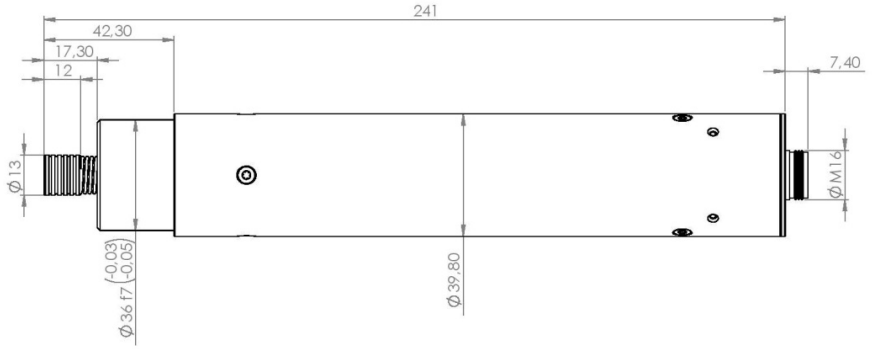


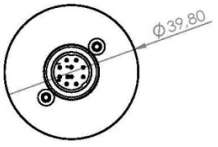
SPARE PARTS KDS-PLxxP:

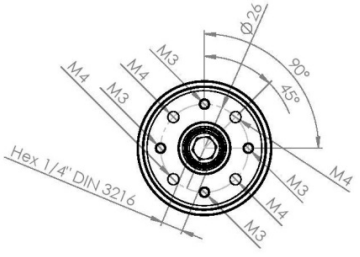
Pos.	Description	Qty	Code
1	MOTOR SEAT KDS-PL3P	1	234505/TP3
	MOTOR SEAT KDS-PL6-10-15P		234505/TP
	MOTOR SEAT KDS-PL20SP		234505/TP20
2	M2x8mm	11	231554
3	RING	1	200007
4	RING	1	230020/1
5	SPRING	1	230021
6	BEARING	1	231533
7	WASHER	1	231532
8	BALL 2.5MM	1	219817
9	REDUCTION GEARS KDS-3P	1	231510/3D
	REDUCTION GEARS KDS-6P		231510/6D
	REDUCTION GEARS KDS-10P		231510/D
	REDUCTION GEARS KDS-15P		231510/15DR
	REDUCTION GEARS KDS-20SP		231510/20D
10	TRANSDUCER	1	231522/E
11	SCREW TSP M2X4 TX6 ZN	16	231531
12	LEVER KDS-XX/P-ESD	1	231563/ESD
13	SPRING LEVER	1	221061
14	MAGNET D3X1.5MM LEVA	1	231540/P
15	BOARD KDS-P	1	852528/P
16	WASHER M3	3	800041
17	SCREW M3X12 TESTA ZN TX10	1	231547
18	MALE CONNECTOR M16 10 PIN KDS-PLxxP	1	201667/P
19	GROUND WIRING KDS-P	1	231546/P
20	HOUSING KDS-XX/P-ESD	1	231561/ESD
21	ENCODER WIRING (KDS-PLxxP)	1	231536/L
22	SCREW M2,5X6 TX8 ZN TX8	2	872487
23	SCREW M3X6	2	801002
24	SCREW ZN M3X10 TX10	7	231539
25	HOUSING BOTTOM (PCB(FOR KDS)	1	231560/ESD
26	DOUBLE PICOBLADE 2P	1	231558
27	PLATE FOR 231535-P	1	231556
28	REVERSE SWITCH + LED KDS-PLxxP	1	231535/P
29	PICOBLADE LED 852538	1	231557
30	WHITE LED BOARD KDSXX/P	1	852538
31	MOTOR KDS-3P	1	231509/3L
	MOTOR KDS-6-10P		231509/L
	MOTOR KDS-15P		231509/15L
	MOTOR KDS-20SP		231509/L
32	TEMPERATURE SENSOR	1	231534/D
33	HOOK	1	200060/N
34	CONNECTOR COVER KDS-XX/P-ESD	1	231562/ESD
35	ENCODER	1	231528/M-128-2,5
36	SCREW M3X12	1	231547

EXPLODED VIEW KDS-PLxxCA:





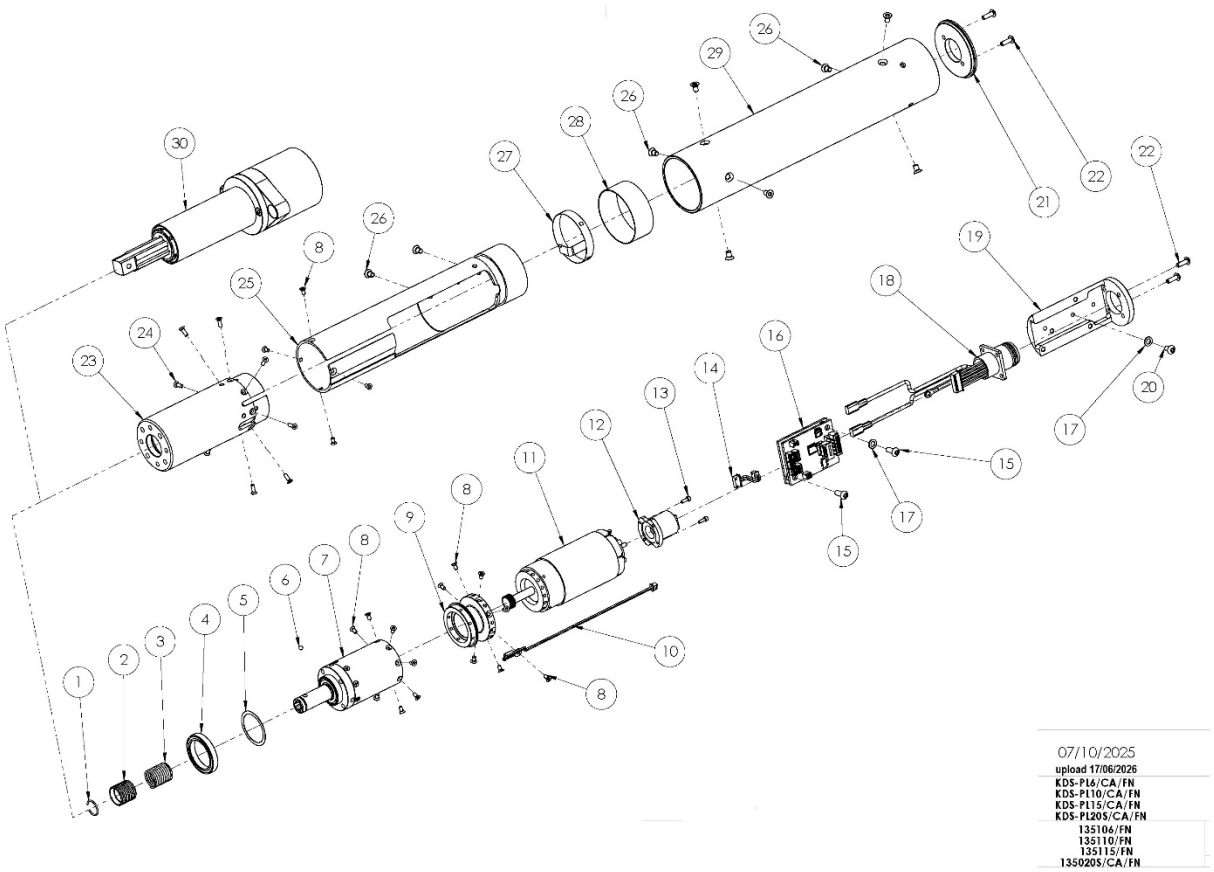


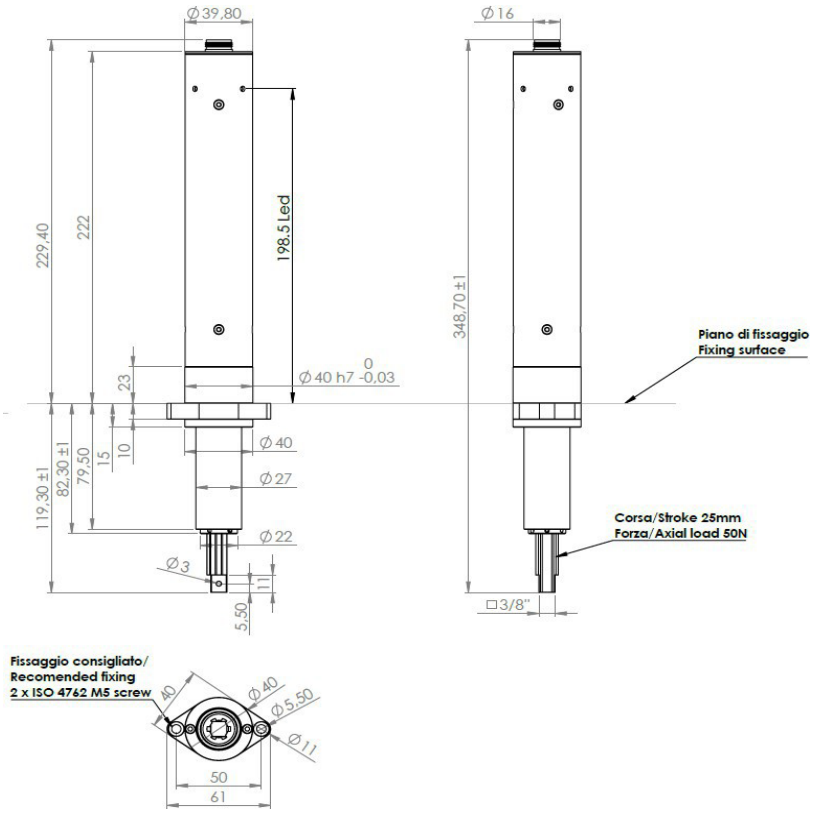


SPARE PARTS KDS-PLxxCA:

Pos.	Description	Qty	Code
1	RING	1	200007
2	RING	1	230020/1
3	SPRING	1	230021
4	BEARING	1	231533
5	WASHER	1	231532
6	BALL 2,5 MM	1	219817
7	REDUCTION GEAR KDS-PL3	1	231510/3D
	REDUCTION GEAR KDS-PL6	1	231510/6D
	REDUCTION GEAR KDS-PL10		231510/D
	REDUCTION GEAR KDS-PL15		231510/15DR
	REDUCTION GEAR KDS-PL20S	1	231510/20D
8	M2X4MM TX6	5	231531
9	TRANSDUCER	1	231522/E
10	TEMPERATURE SENSOR	1	231534/D
11	MOTOR KDS-PL3	1	231509/3L
	MOTOR KDS-PL6/10	1	231509/L
	MOTOR KDS-PL15	1	231509/15L
	MOTOR KDS-PL20S	1	231509/L
12	ENCODER	1	231528/M-128-2,5
13	ENCODER WIRING	1	231536
14	SCREW M3X12 ZN TX10	2	231547
15	BOARD	1	852528
16	WASHER	3	800041
17	MALE CONNECTOR M16 10 PIN	1	201667
18	BOARD SUPPORT	1	231523
19	SCREW M3X5	1	872444
20	COVER KDS-XXCA	1	231526
21	SCREW M2,5X8 TX8 ZN	2	872478
22	SCREW M2,5X4 TX8	2	872487
23	MOTOR SEAT KDS-PL3CA	1	234505/TCA3
	MOTOR SEAT KDS-PL6/10/15CA	1	234505/TCA
	MOTOR SEAT KDS-PL20SCA	1	234505/TCA20
24	SCREW M2X6MM TX6	9	231527
25	ALUMINIUM BODY (BOARD SUPPORT)	1	231524
26	SCREW M3X5 TX10	9	801003
27	PCB FLEX LED	1	852531
28	LED RING KDS-XXCA	1	231537
29	ALUMINIUM BODY KDS-PL3		231525/3
	ALUMINIUM BODY KDS-PL6/10/15/20SCA	1	231525

EXPLODED VIEW KDS-PLxxCA/FN:

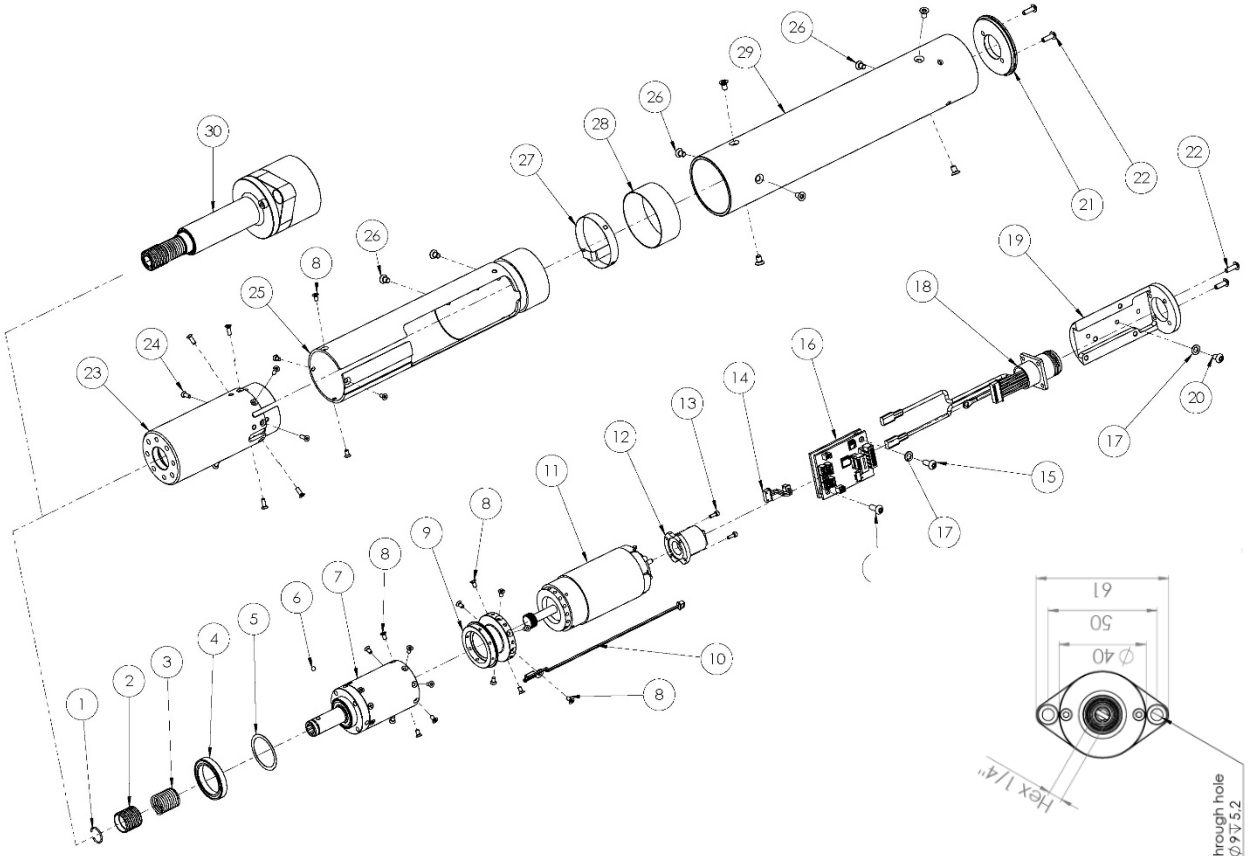




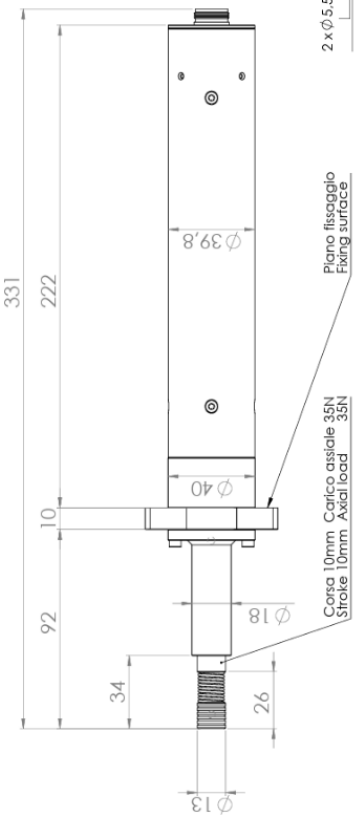
SPARE PARTS KDS-PLxxCA/FN:

Pos.	Description	Qty	Code
1	RING	1	200007
2	RING	1	230020/1
3	SPRING	1	230021
4	BEARING	1	231533
5	WASHER	1	231532
6	BALL 2,5 MM	1	219817
7	REDUCTION GEAR KDS-PL6-10	1	231510/D
	REDUCTION GEAR KDS-PL15	1	231510/15DR
	REDUCTION GEAR KDS-PL20S	1	231510/20D
8	M2X4MM TX6	20	231531
9	TRANSDUCER	1	231522/E
10	TRANSDUCER TEMPERATURE SENSOR	1	231534
11	MOTOR KDS-6-10CA	1	231509/L
	MOTOR KDS-15CA	1	231509/15L
	MOTOR KDS-20SCAx	1	231509/L
12	ENCODER	1	231528/M-128-2.5
13	SCREW M1.6X5	2	872473
14	ENCODER WIRING	1	231536
15	SCREW M3X12	2	231547
16	BOARD	1	852528
17	WASHER	2	800041
18	CONNECTOR	1	201667
19	BOARD SUPPORT	1	231523
20	SCREW M3X5	1	872444
21	COVER KDS-XXCA	1	231526
22	SCRW M2,5X8 TX8	4	872478
23	MOTOR SEAT KDS-PL6-10-15CA	1	234505/TCA
	MOTOR SEAT KDS-PL20SCA	1	234505/TCA20
24	ASCREW M2X6MM	8	231527
25	ALUMINIUM BODY (BOARD SUPPORT)	1	231524
26	SCREW M3X5 TX10	9	800013
27	PCB FLEX LED	1	852531
28	LED RING KDS-XXCA	1	231537
29	ALUMINIUM BODY (BOARD SUPPORT)	1	231525
30	TELESCOPIC SPINDLE FN2 KDS-PL6-10-15CA	1	800400
	TELESCOPIC SPINDLE FN2 KDS-20SCA	1	800400/20S

EXPLODED VIEW KDS-PLxxCA/FN/1-4:



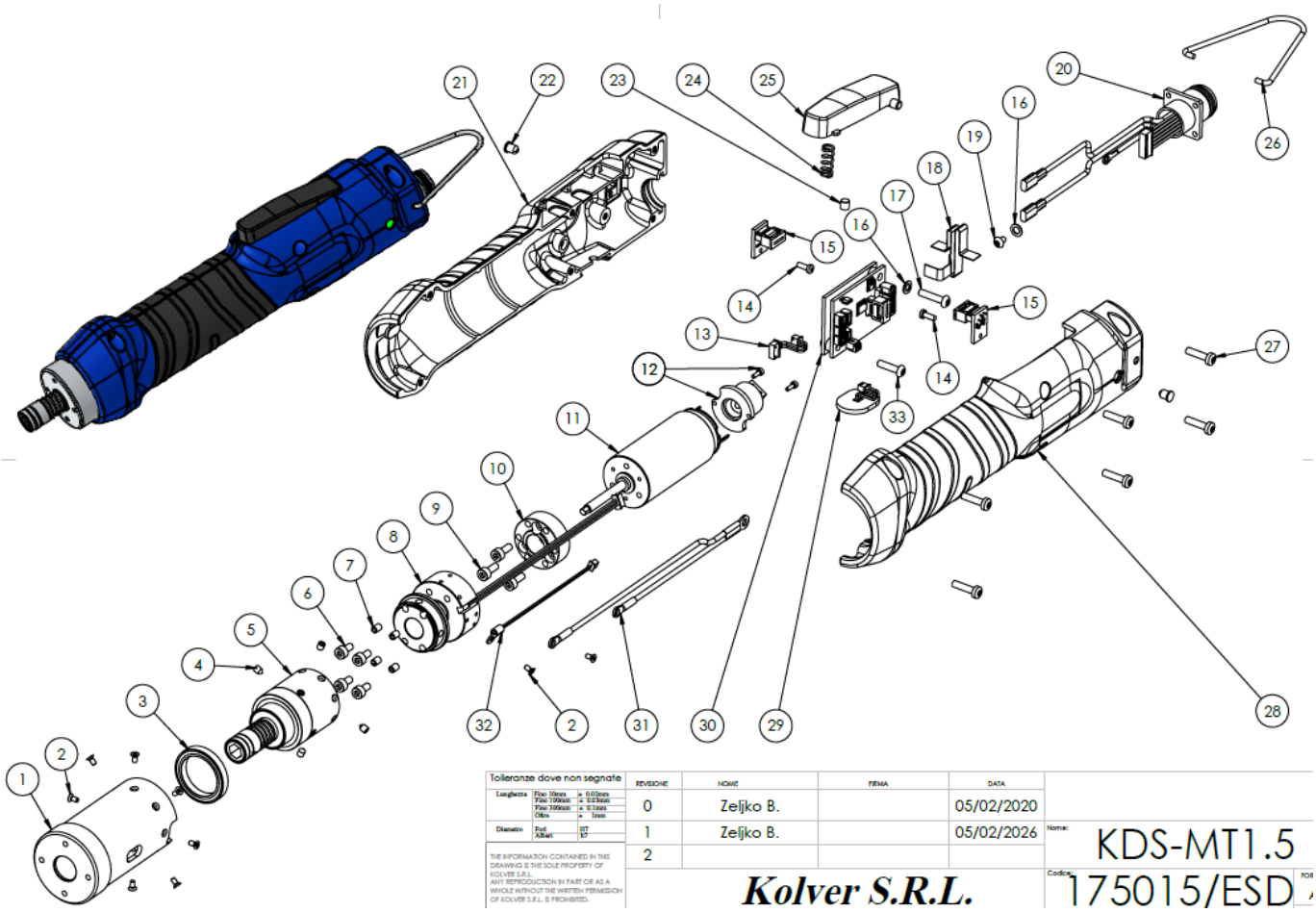


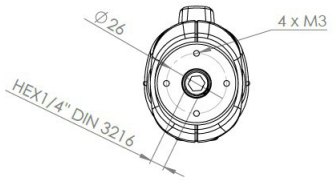


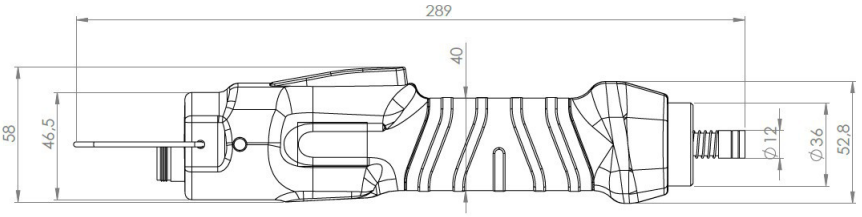
SPARE PARTS KDS-PLxxCA/FN/1.-4:

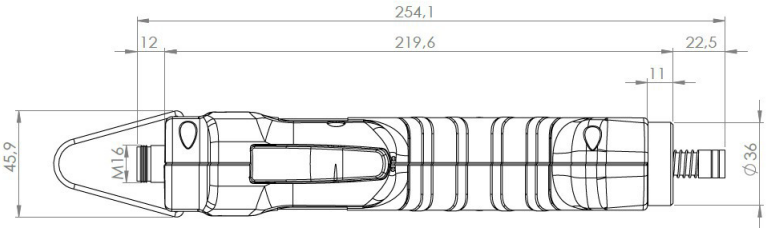
Pos.	Description	Qty	Code
1	RING	1	200007
2	RING	1	230020/1
3	SPRING	1	230021
4	BEARING	1	231533
5	WASHER	1	231532
6	BALL 2,5 MM	1	219817
7	REDUCTION GEAR KDS-PL3	1	231510/3D
	REDUCTION GEAR KDS-PL6/10	1	231515/D
	REDUCTION GEAR KDS-PL15	1	231510/15DR
8	M2X4MM TX6	20	231531
9	TRANSDUCER	1	231522/E
10	TRANSDUCER TEMPERATURE SENSOR	1	231534
11	MOTOR KDS-3	1	231509/3L
	MOTOR KDS-6-10	1	231509/L
	MOTOR KDS-15CA	1	231509/15L
12	ENCODER	1	231528/M-128-2.5
13	ENCODER WIRING	1	231536
14	SCREW M3X12	2	231547
15	BOARD	1	852528
16	WASHER	2	800041
17	CONNECTOR	1	201667
18	BOARD SUPPORT	1	231523
19	SCREW M3X5	1	872444
20	COVER	1	231526
21	SCREW M2,5X8 TX8	2	872478
22	SCREW M2,5X7 TX8	2	872487
23	MOTOR SEAT KDS-PL3CA	1	234505/TCA3
	MOTOR SEAT KDS-PL6-10-15CA	1	234505/TCA
24	ASCREW M2X6MM	8	231527
25	ALUMINIUM BODY (BOARD SUPPORT)	1	231524
26	SCREW M3X5 TX10	9	801003
27	PCB FLEX LED	1	852531
28	LED RING KDS-XXCA	1	231537
29	ALUMINIUM BODY (BOARD SUPPORT)	1	231525
30	TELESCOPIC SPINDLE 1/4" KDSPL3CA	1	800409/3
	TELESCOPIC SPINDLE 1/4" KDSPL6-10-15/CA	1	800409

EXPLODED VIEW KDS-MT1.5:





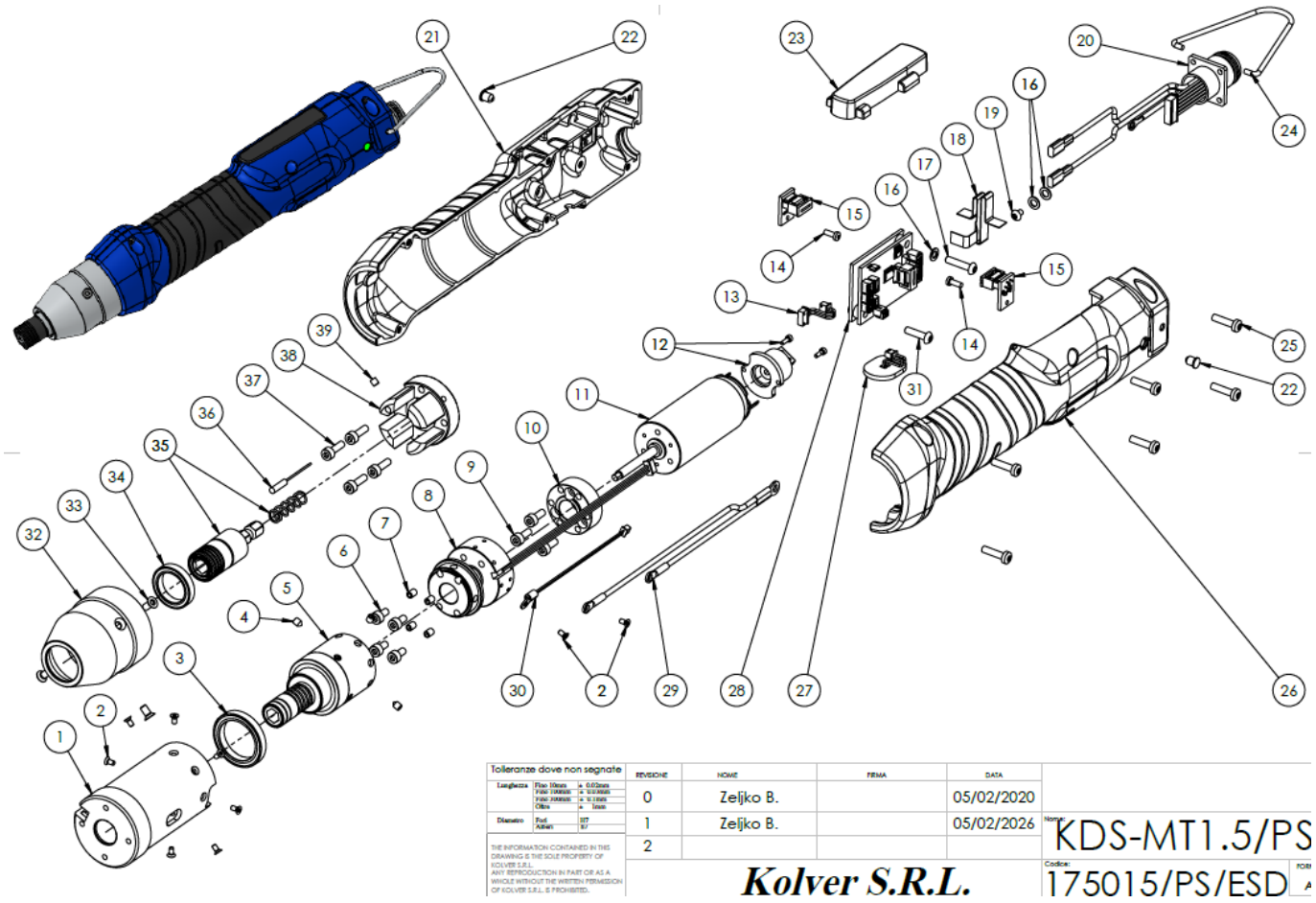




SPARE PARTS KDS-MT1.5:

Pos.	Description	Qty	Code
1	MOTOR SEAT	1	234504/TD
2	SCREW TSP M2X4 TX6 ZN	8	231531
3	BEARING	1	231533
4		4	
5	REDUCTION GEARS KDS-MT1.5	1	250040/TMT
6	SCREW M3X6	4	231504
7	M4X4		895014
8	TRANSDUCER	1	210050/T
9	SCREW M3X8	3	231508
10	SPINDLE KDS-MT	1	210050/F
11	MOTOR KDS-MT1.5	1	231509/2LF
12	ENCODER MITO	1	234530/M-8-2,5-MT
13	ENCODER WIRING	1	231536
14	SCREW 2,2X6 TX6	2	231538
15	LED BOARD KDS/D	1	852535
16	WASHER	3	800041
17	SCREW ZN M3X12 TX10	1	231545
18	PCB FLEX – LED BOARD	1	852537
19	SCREW M2,5X4 TX8	1	872487
20	MALE CONNECTOR M16 10 PIN	1	201667
21	HOUSING BOTTOM (PCB)	1	231550/ESD
22	BALL 2 MM	1	200011
23	LED KDS-XX/D	2	231553
24	MAGNET KDS-XX/D	1	231540
25	LEVER ESD	1	231552/ESD
26	HOOK	1	200060/N
27	SCREW M3X10 TX10	6	231539
28	HOUSING TOP (PCB)	1	231551/ESD
29	REVERSE BUTTON KDS	1	231535
	BOARD	1	852528
31	WIRING CABLE	1	231546-MT
32	TEMPERATURE SENSOR TRANSDUCER	1	231534
33	SCREW M3X12 TX10	1	231547

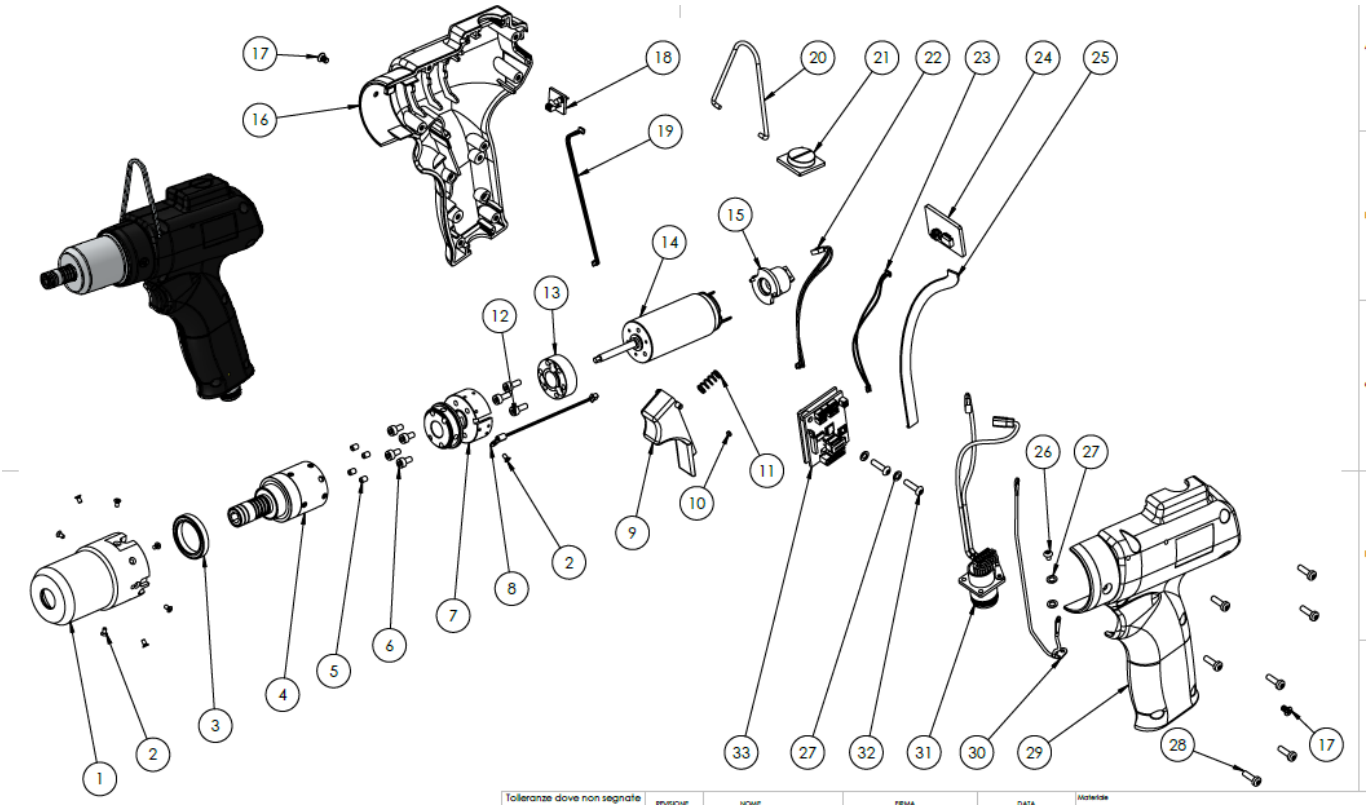
EXPLODED VIEW KDS-MT1.5PS:



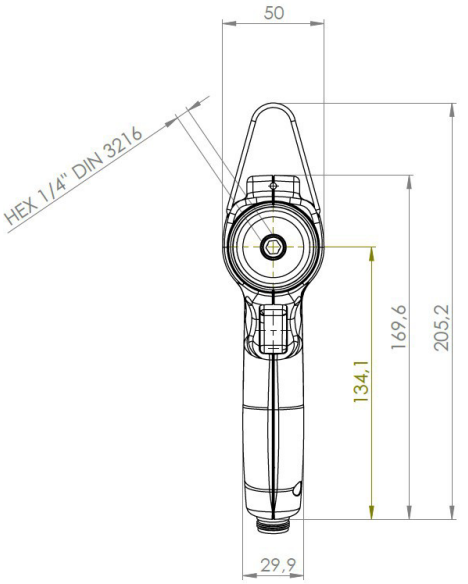
SPARE PARTS KDS-MT1.5PS:

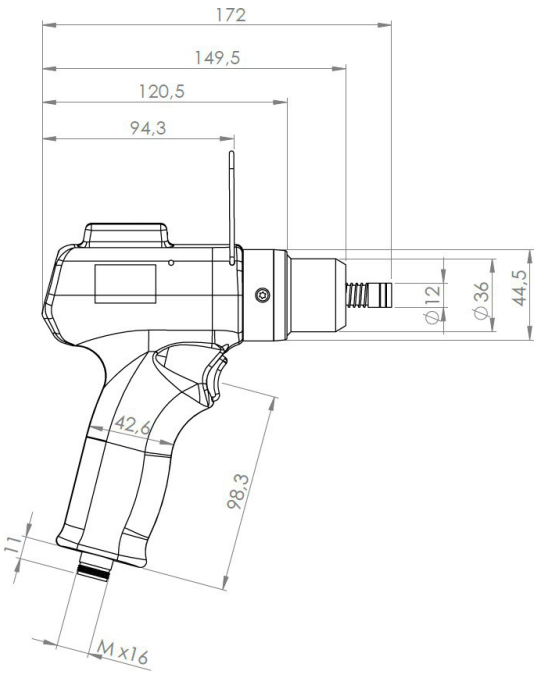
Pos.	Description	Qty	Code
1	MOTOR SEAT KDS MT15	1	234504-TDPS
2	SCREW M2X4MM TX6	10	231531
3	BEARING	1	231533
4	SCREW M3X4	1	895013
5	REDUCTION GEARS MITO15	1	250040/TMT
6	SCREWM3 X 6	4	231504
7	SCREW M4X4	4	895014
8	TRNSDUCER KDS MT15	1	210050-T
9	SCREW M3 X 8	3	231508
10	SPINDLE KDS-MT	1	210050/F
11	MOTOR KDS-MT1.5	1	231509/2LF
12	MAGNETIC ENCODER MITO	1	234530/M-8-2,5-MT
13	ENCODER WIRING KDS	1	231536
14	SCREW ZN ECOSIN 2.2X6	2	231538
15	LED BOARD KDS /D T	1	852535
16	WASHER	3	800041
17	SCREW M3X14	1	231545
18	PCB FLEX	1	852537
19	SCREW M2,5X4 TX8	1	872487
20	CONNECTOR	1	201667
21	HOUSING BOTTOM (PCB) FOR KDS-XX/D	1	231550/ESD
22	LED GUIDE	2	231553
23	BUTTON COVER KDS PS	1	231552-PS
24	HOOK	1	200060/N
25	SCREW ZN ECOSIN M3X10 TX10	6	231539
26	HOUSING TOP FOR KDS-XX/D	1	231551/ESD
27	REVERSE SWITCH KDS	1	231535
28	TRANSDUCER BOARD	1	852528
29	GROUND WIRING KDS-MT-D	1	231546-MT
30	TRANSDUCER TEMPERATURE SENSOR	1	231534
31	SCREW M3X12	1	231547
32	BEARING COVER KDS PS	1	234554/C/KDS
33	SCREW TSP M3X6 TX10 ZN	3	801002
34	INOX WASHER	1	234557/C
35	ASSEMBLED INSERT	1	234559/KIT
36	MAGNETIC SENSOR	1	251153
37	BN272 SCREW TCEI 8.8 M3X10	4	240005
38	SENSOR HOLDER KDS-PL PS	1	234553/KDS
39	SCREW M3X3	1	200039

EXPLODED VIEW KDS-MT1.5P:



Tolleranze dove non segnate	REVISIONE	NOME	FIRMA	DATA	Materiale
	0	Zeljko B.		10/02/2020	
	1	Zeljko B.		10/02/2026	Nome KDS MT1,5P/ESD
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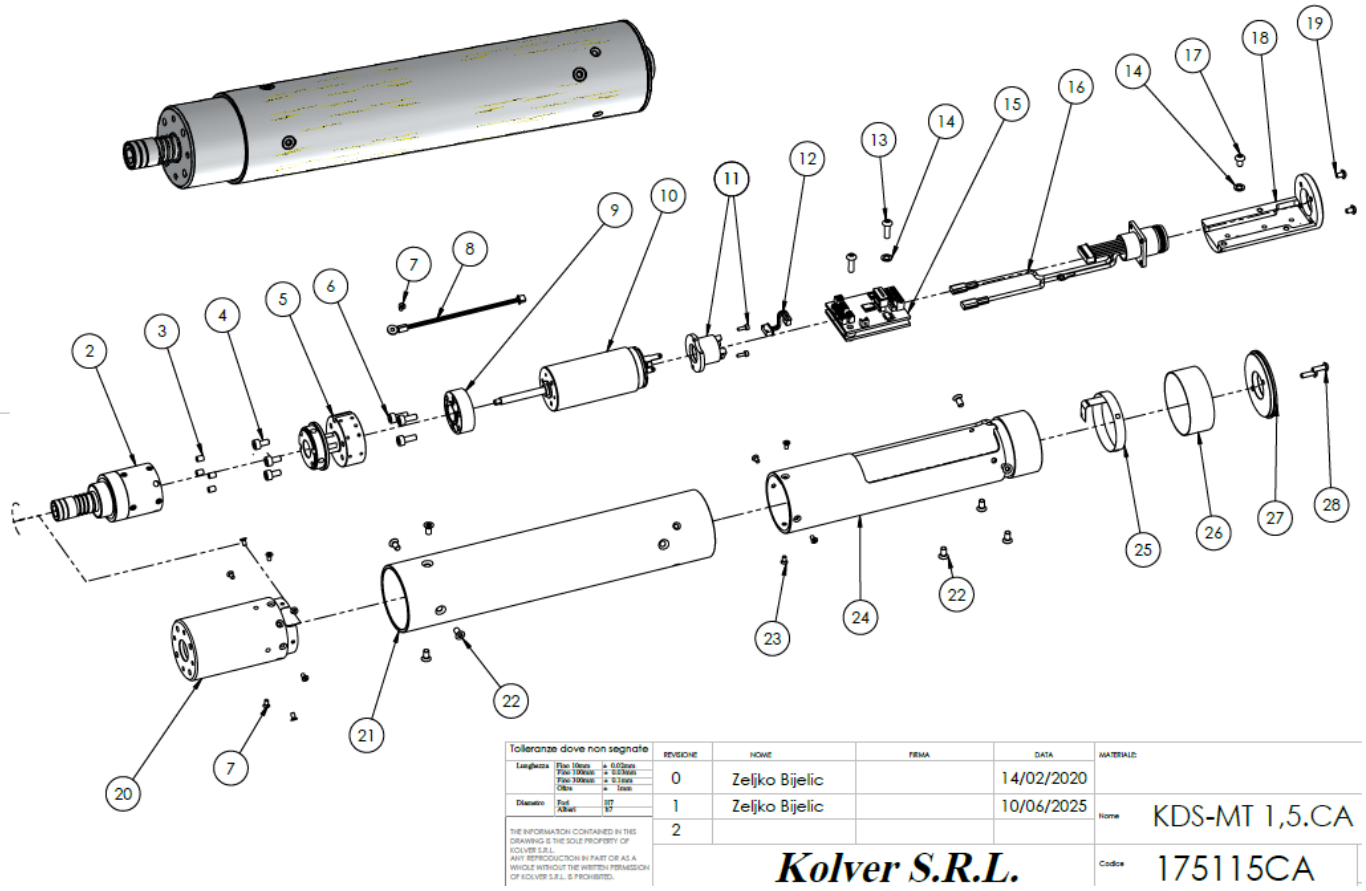




SPARE PARTS KDS-MT1.5P:

Pos.	Description	Qty	Code
1	MOTOR SEAT KDS-MT15P	1	234505/TPMT
2	SCREW TSP M2X4 TX6 ZN	9	231531
3	BEARING	1	231533
4	REDUCTION GEARS KDS-MT1.5	1	250040/TMT
5	M4X4	4	895014
6	SCREW M3X6	4	231504
7	TRANSDUCER	1	210050/TE
8	TEMPERATURE SENSOR TRANSDUCER	1	231534
9	LEVER START ESD	1	231593/ESD
10	MAGNET KDS-XX/D	1	231540/P
11	SPRING LEVER	1	221061
12	SCREW M3X8	3	231508
13	SPINFLE KDS-MT	1	210050/F
14	MOTOR KDS-MT1.5	1	231509/2LF
15	ENCODER MITO	1	234530/M-8-2,5-MT
16	HOUSING BOTTOM (PCB)	1	231560/ESD
17	SCREW M3X5	2	801003
18	PCB FLEX – LED BOARD	1	852538
19	DOUBLE LED PICOBLADE	1	231557
20	HOOK	1	200060
21	CONNECTOR CLAMP	1	231562/ESD
22	ENCODER WIRING	1	231536/L
23	DOUBLE KDS PICOBLADE	1	231558
24	REVERSO BUTTON PISTOL	1	231535/P
25	LED BOARD PLATE	1	231556
26	SCREW M2,5X4 TX8	1	872487
27	WASHER	4	800041
28	SCREW M3X10 TX10	7	231539
29	HOUSING TOP (PCB)	1	231561/ESD
30	WIRING CABLE	1	231546/P
31	PISTOL CONNECTOR M16 10 PIN	1	201667/P
32	SCREW M3X12	3	231547
33	BOARD	1	852525/P

EXPLODED VIEW KDS-MT1.5CA:

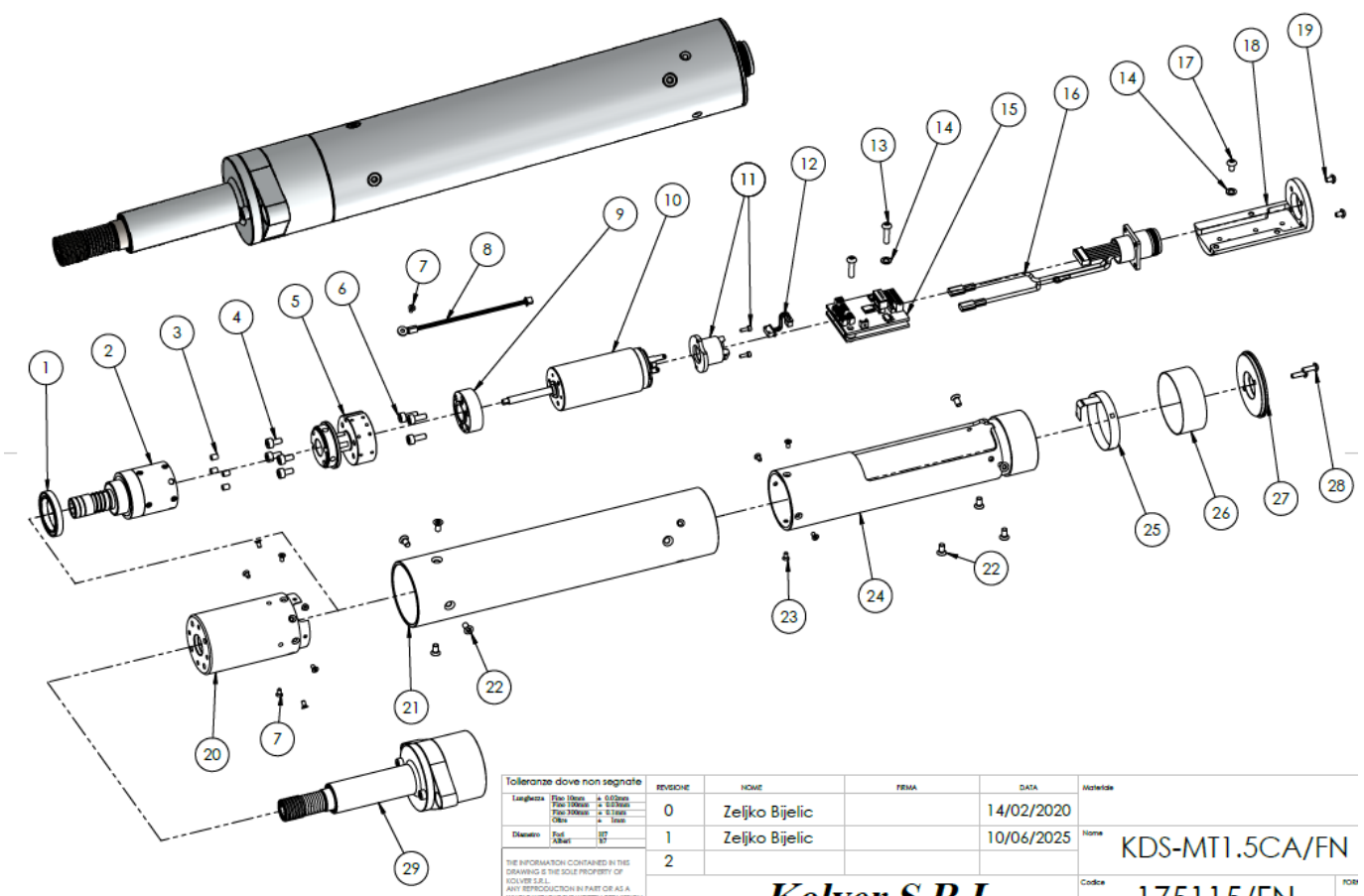


Tolleranze dove non segnate	REVISIONE	NOME	FIRMA	DATA	MATERIALE:
Lunghezza: Fino 10mm ± 0.02mm; Fino 100mm ± 0.03mm; Fino 300mm ± 0.1mm; Oltre ± 1mm	0	Zeljko Bijelic		14/02/2020	
Diametro: Fori; Alberi	1	Zeljko Bijelic		10/06/2025	Nome KDS-MT 1,5.CA
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		Kolver S.R.L.			Codice 175115CA

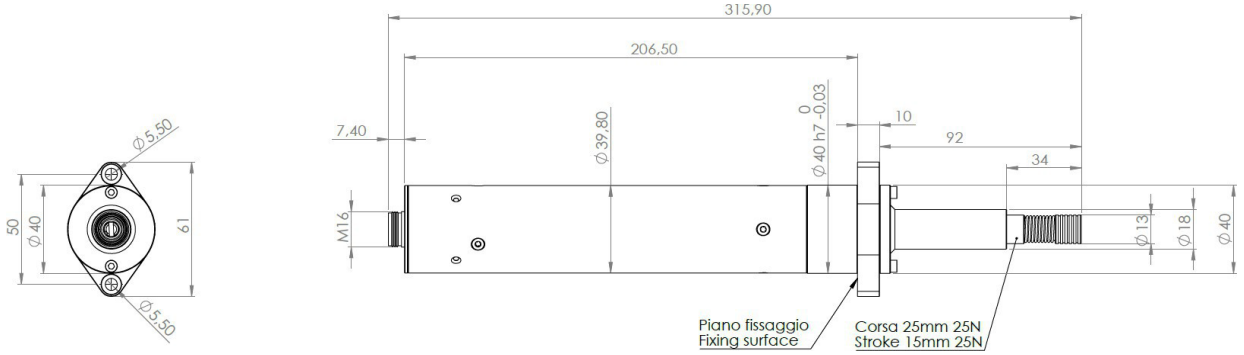
SPARE PARTS KDS-MT1.5CA:

Pos.	Description	Qty	Code
1	BEARING	1	231533
2	REDUCTION GEARS KDS-MT1.5	1	250040/TMT
3	M4X4	4	895014
4	SCREW M3 X 6	4	231504
5	TRANSDUCER KDS MT15	1	210050-T
6	SCREW M3 X 8	3	231508
7	SCREW M2X4MM TX6	9	231531
8	TEMPERATURE SENSOR TRANSDUCER	1	231534/MT
9	SPINDLE KDS-MT	1	210050/F
10	MOTOR KDS-MT1.5	1	231509/2LF
11	ENCODER MITO	1	234530/M-8-2,5-MT
12	ENCODER WIRING	1	231536
13	SCREW M3X12 ZN TX10	2	231547
14	WASHER	2	800041
15	BOARD	1	852528
16	CONNECTOR	1	201667
17	SCREW M3 X 5 ZN TX10	1	872444
18	BOARD HOLDER	1	231523
19	SCREW M2,5X4 TX8 T ZN TX8	2	872487
20	MOTOR SEAT TRANSD KDS-MT1.5CA	1	234505-TCAMT
21	EXTERNAL TUBE KDS-1.5CA	1	231525-MT
22	SCREW M3X6 TX10	9	801002
23	SCREW M2X4MM TX6	4	231531
24	ALUMINIUM BODY TO FIX THE BOARD HOLDER	1	231524-MT
25	PCB FLEX LED	1	852531
26	PVC TUBE FOR LED KDS-XXCA	1	231537
27	COVER	1	231526
28	SCREW M2,5X8 TX8 T ZN TX8	2	872478

EXPLODED VIEW KDS-MT1.5CA/FN:



Tolleranze dove non segnate	REVISIONE	NOME	FIRMA	DATA	Materiale
	0	Zeljko Bijelic		14/02/2020	
	1	Zeljko Bijelic		10/06/2025	Nome KDS-MT1.5CA/FN
	2				
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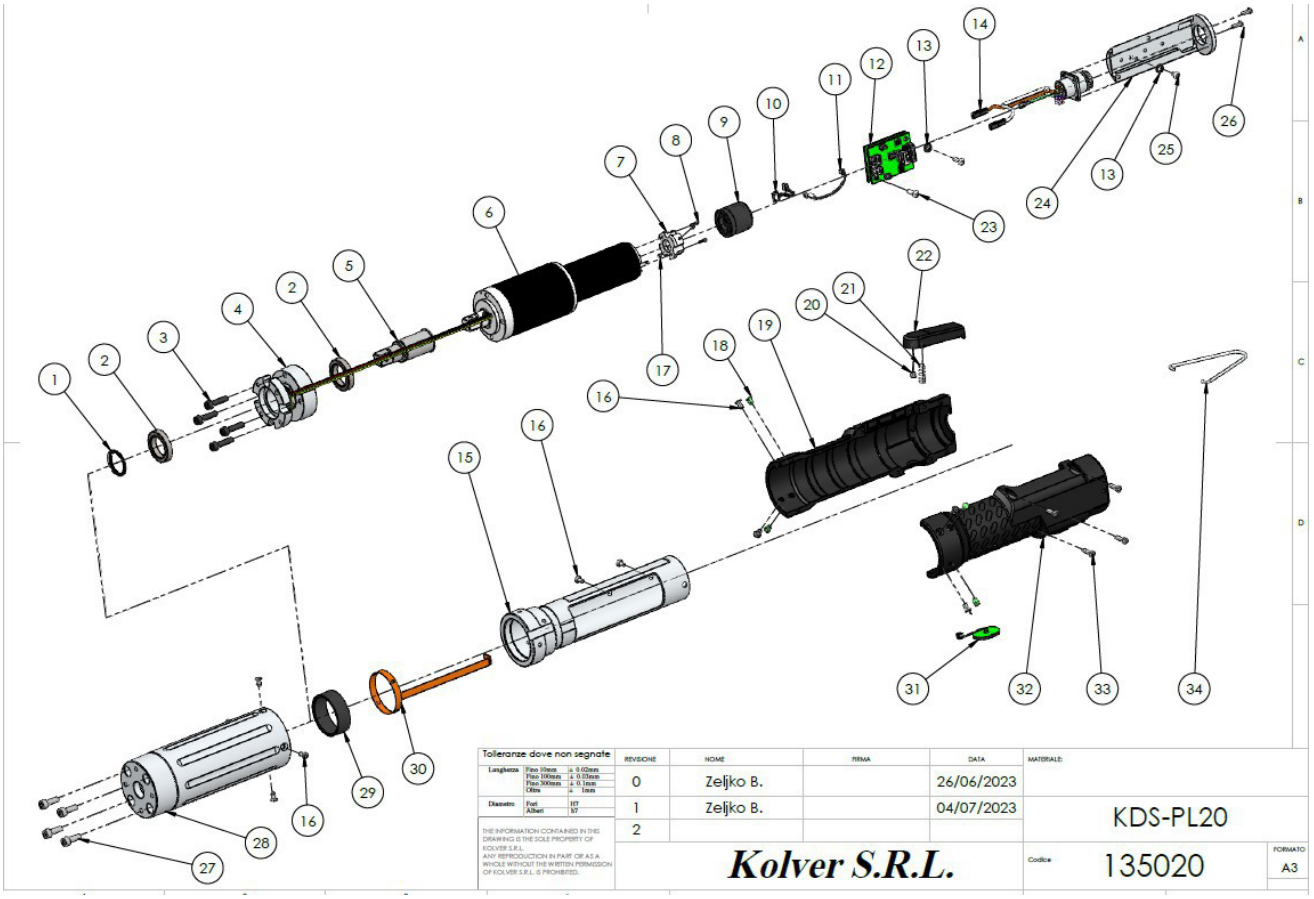


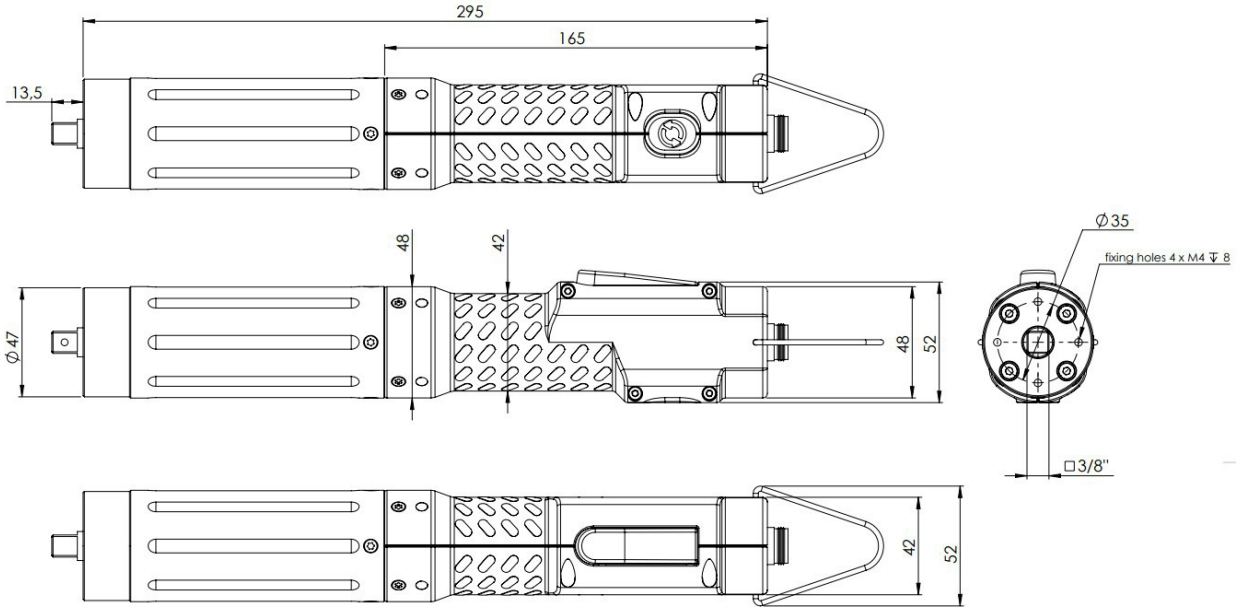
SPARE PARTS KDS-MT1.5CA/FN:

Pos.	Description	Qty	Code
1	BEARING	1	231533
2	REDUCTION GEARS KDS-MT1.5	1	250040/TMT
3	M4X4	4	895014
4	SCREW M3 X 6	4	231504
5	TRANSDUCER KDS MT15	1	210050-T
6	SCREW M3 X 8	3	231508
7	SCREW M2X4MM TX6	9	231531
8	TEMPERATURE SENSOR TRANSDUCER	1	231534/MT
9	SPINDLE KDS-MT	1	210050/F
10	MOTOR KDS-MT1.5	1	231509/2LF
11	ENCODER MITO	1	234530/M-8-2,5-MT
12	ENCODER WIRING	1	231536
13	SCREW M3X12 ZN TX10	2	231547
14	WASHER	2	800041
15	BOARD	1	852528
16	CONNECTOR	1	201667
17	SCREW M3 X 5 ZN TX10	1	872444
18	BOARD HOLDER	1	231523
19	SCREW M2,5X4 TX8 T ZN TX8	2	872487
20	MOTOR SEAT TRANSD KDS-MT1.5CA	1	234505-TCAMT
21	EXTERNAL TUBE KDS-1.5CA	1	231525-MT
22	SCREW M3X6 TX10	9	801002
23	SCREW M2X4MM TX6	4	231531
24	ALUMINIUM BODY TO FIX THE BOARD HOLDER	1	231524-MT
25	PCB FLEX LED	1	852531
26	PVC TUBE FOR LED KDS-XXCA	1	231537
27	COVER	1	231526
28	SCREW M2,5X8 TX8 T ZN TX8	2	872478
29	KIT TELESCOPIC SPINDLE ¼''FN	1	800409

EXPLODED VIEW KDS-PL20:

Note: ask Kolver for the corresponding documents for 2022 discontinued S/R button style



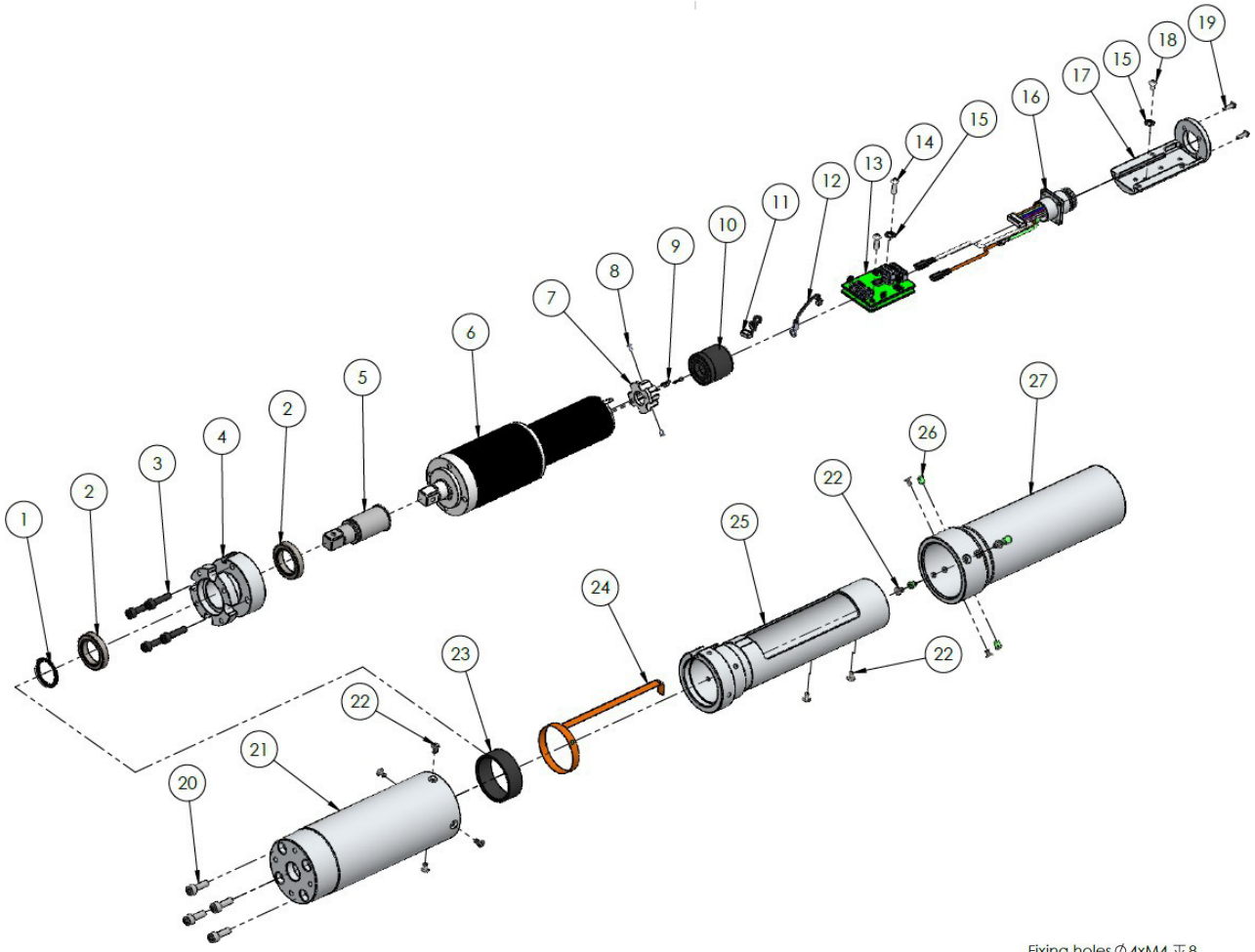


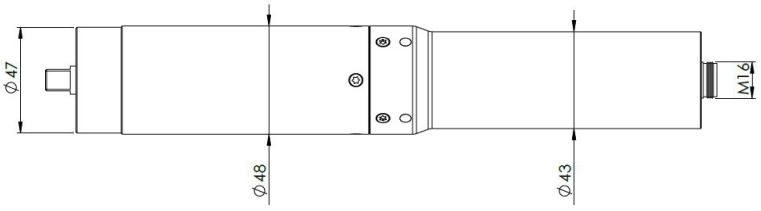
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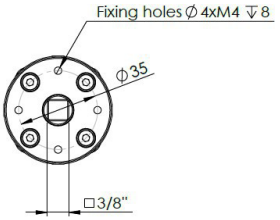
Note: ask Kolver for the corresponding documents for 2022 discontinued S/R button style

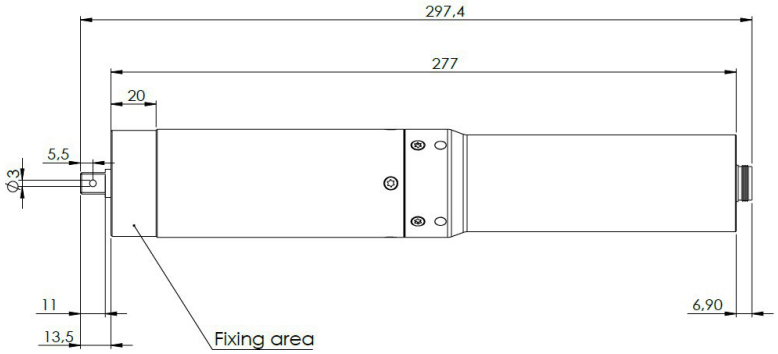
Pos.	Description	Qty	Code
1	RING 17mm	1	234920
2	TRANSDUCER BEARING KDS PL20	2	234922
3	SCREW 8.8 M4X16	4	240020
4	TRANSDUCER KDS PL20	1	234903
5	JOINT SHAFT KDS PL20	1	234904
6	MOTOR+REDUCTION GEARS KDS PL20	1	231612/20M
7	ENCODER CLAMP	1	234530/S
8	SCREW M1.6X6	3	872473
9	ENCODER	1	231528
10	ENCODER WIRING	1	231536
11	SENSOR	1	231534
12	BOARD	1	852528
13	WASHER	2	800041
14	MALE CONNECTOR M16 10 PIN	1	201667
15	BOARD SUPPORT BODY	1	234902
16	SCREW M3X6 TX10	10	801002
17	SCREW M2X4	2	801004
18	LED GUIDE KDS	4	231553
19	RIGHT HOUSING	1	234930/DX
20	MAGNET	1	231540
21	LEVER SPRING	1	221061
22	LEVER	1	234930-LV
23	SCREW M3X10	2	231530
24	BOARD SUPPORT	1	231523
25	SCREW M3X5	1	872444
26	SCREW M2,5X8 TX8	4	872478
27	SCREW M4X12	4	231507
28	BODY (REDUCTION GEARS)	1	234900
29	BUSH	1	234924
30	PCB FLEX GUIDE	1	852531/L
31	REVERSE/START	1	231535
32	LEFT HOUSING	1	234930/SX
33	SCREW M3X10	4	231539
34	HOOK	1	200060

EXPLODED VIEW KDS-PL20CA:





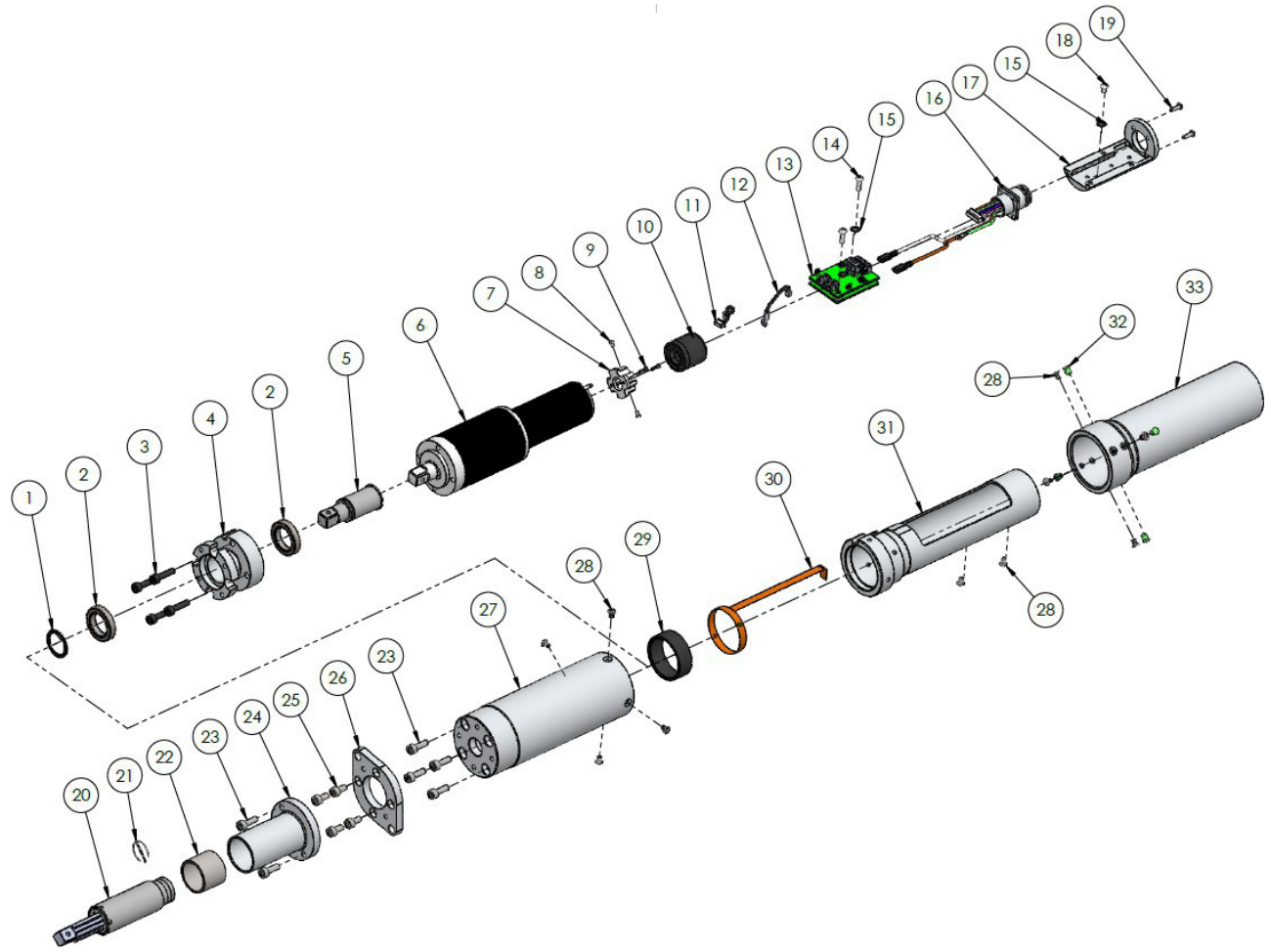


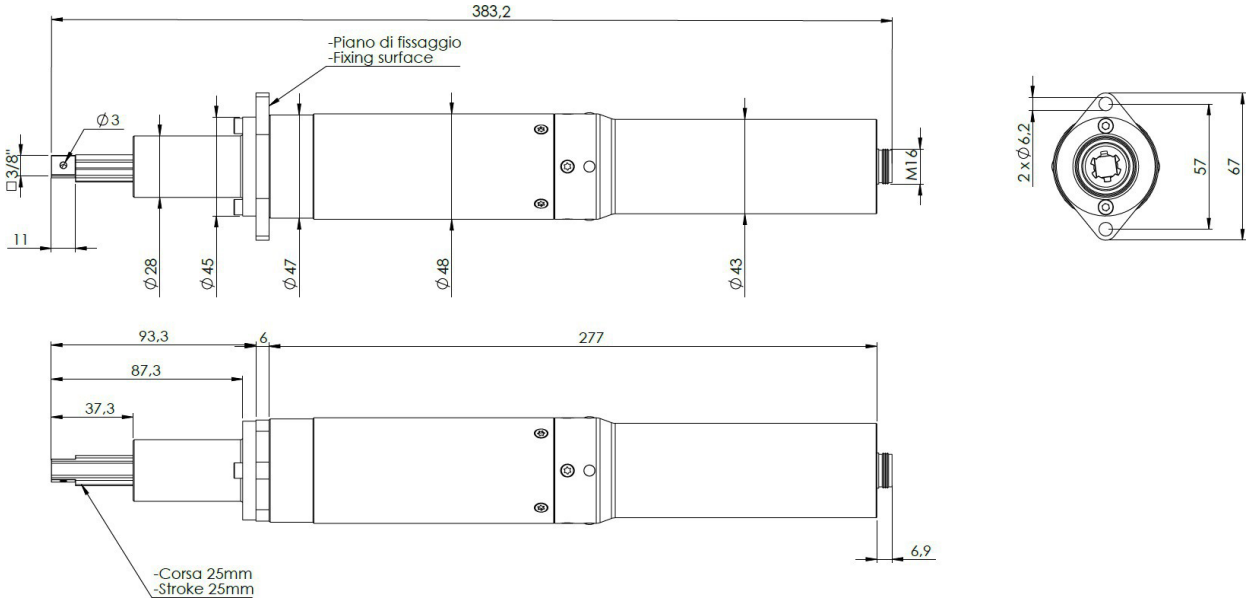


SPARE PARTS KDS-PL20CA:

Pos.	Description	Qty	Code
1	RING 17mm	1	234920
2	TRANSDUCER BEARING KDS PL20	2	234922
3	SCREW 8.8 M4X16	4	240020
4	TRANSDUCER KDS PL20	1	234903
5	JOINT SHAFT KDS PL20	1	234904
6	MOTOR+REDUCTION GEARS KDS PL20	1	231612/20M
7	ENCODER CLAMP	1	234530/S
8	SCREW M2X4	2	801004
9	SCREW M1.6X6	3	872473
10	ENCODER	1	231528
11	ENCODER WIRING	1	231536
12	SENSOR	1	231534
13	BOARD	1	852528
14	SCREW M3X10	2	231530
15	WASHER	2	801005
16	MALE CONNECTOR M16 10 PIN	1	201667
17	BOARD SUPPORT	1	231523
18	SCREW M3X5	1	872444
19	SCREW M2,5X8 TX8	2	872478
20	SCREW M4X12	4	231507
21	BODY (REDUCTION GEARS)	1	234900
22	SCREW M3X6 TX10	10	801002
23	BUSH KDS PL20	1	234924
24	PCB FLEX LED KDS PL20	1	852531/L
25	BOARD SUPPORT BODY	1	234902
26	LED GUIDE KDS-XX/D	4	231553
27	BODY	1	234910

EXPLODED VIEW KDS-PL20CA/FN:

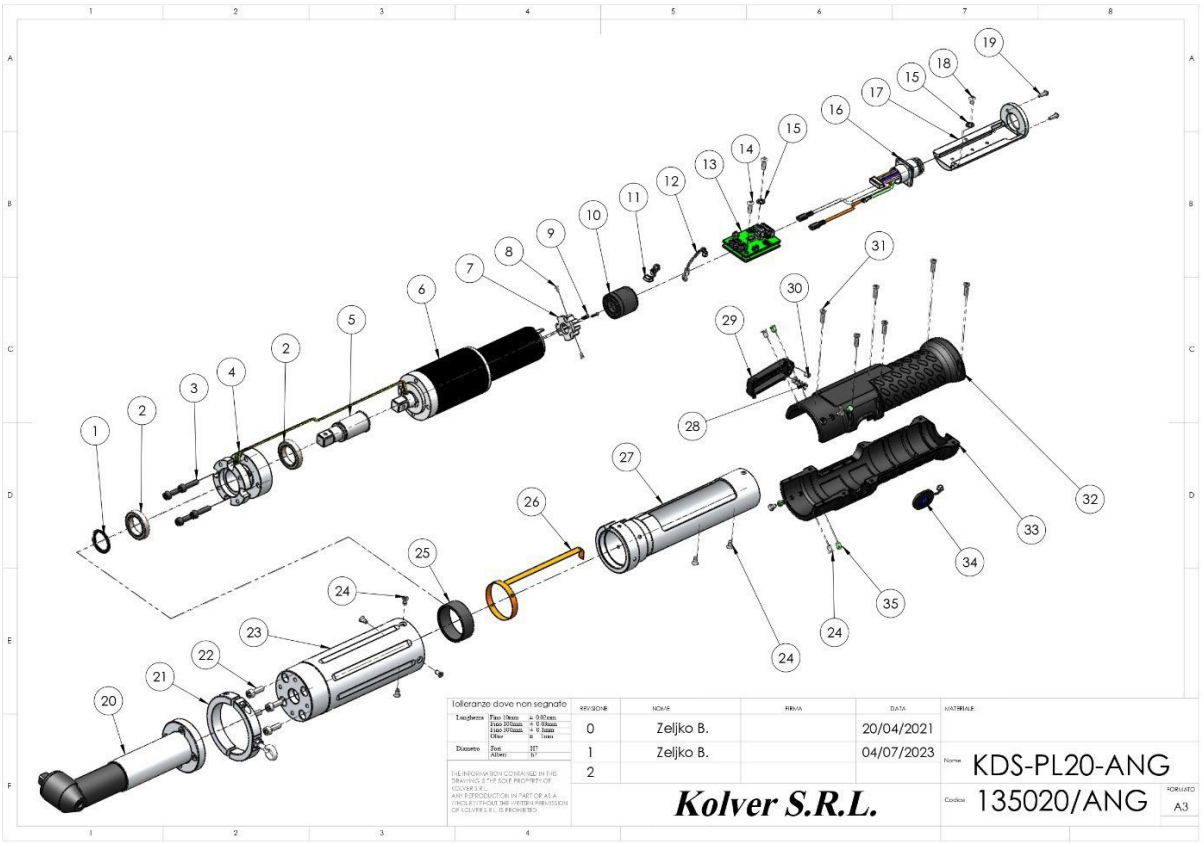


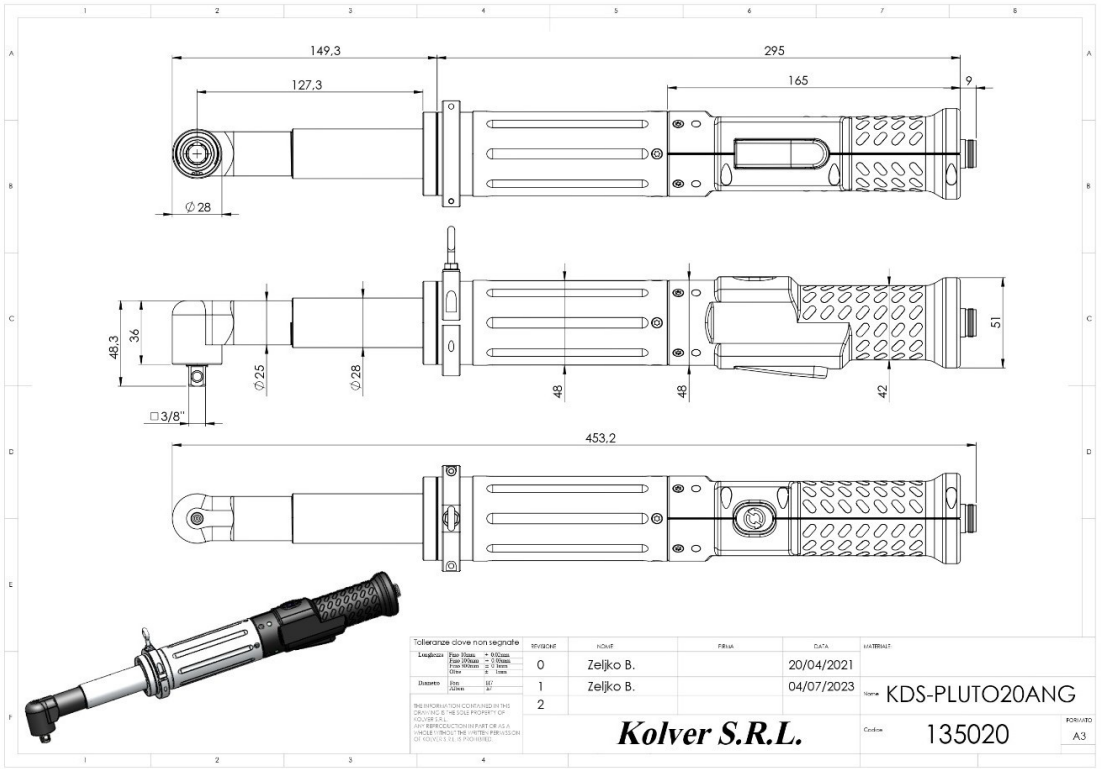


SPARE PARTS KDS-PL20CA/FN:

Pos.	Description	Qty	Code
1	RING 17mm	1	234920
2	TRANSDUCER BEARING KDS PL20	2	234922
3	SCREW 8.8 M4X16	4	240020
4	TRANSDUCER KDS PL20	1	234903
5	JOINT SHAFT KDS PL20	1	234904
6	MOTOR+REDUCTION GEARS KDS PL20	1	231612/20M
7	ENCODER CLAMP	1	234530/S
8	SCREW M2X4	2	801004
9	SCREW M1.6X6	3	872473
10	ENCODER	1	231528
11	ENCODER WIRING	1	231536
12	SENSOR	1	231534
13	BOARD	1	852528
14	SCREW M3X10	2	231530
15	WASHER	2	801005
16	MALE CONNECTOR M16 10 PIN	1	201667
17	BOARD SUPPORT	1	231523
18	SCREW M3X5	1	872444
19	SCREW M2,5X8 TX8	2	872478
20	COMPENSATOR 3/8"	1	800321
21	1301-C SPINE 3/8"	1	FE-1301C
22	PERMAGLIDE	1	800317/1
23	SCREW M4X12	6	231507
24	TELESCOPIC GUIDE	1	800302/20
25	SCREW M4X8	4	231505
26	CLAMP	1	234510/20/3
27	BODY (REDUCTION GEARS)	1	234900
28	SCREW M3X6 TX	10	801002
29	BUSH KDS PL20	1	234924
30	PCB FLEX LED KDS PL20	1	852531/L
31	BOARD SUPPORT BODY	1	234902
32	LED GUIDE KDS-XX/D	4	231553
33	BODY (BOARD)	1	234910

EXPLODED VIEW KDS-PL20ANG:



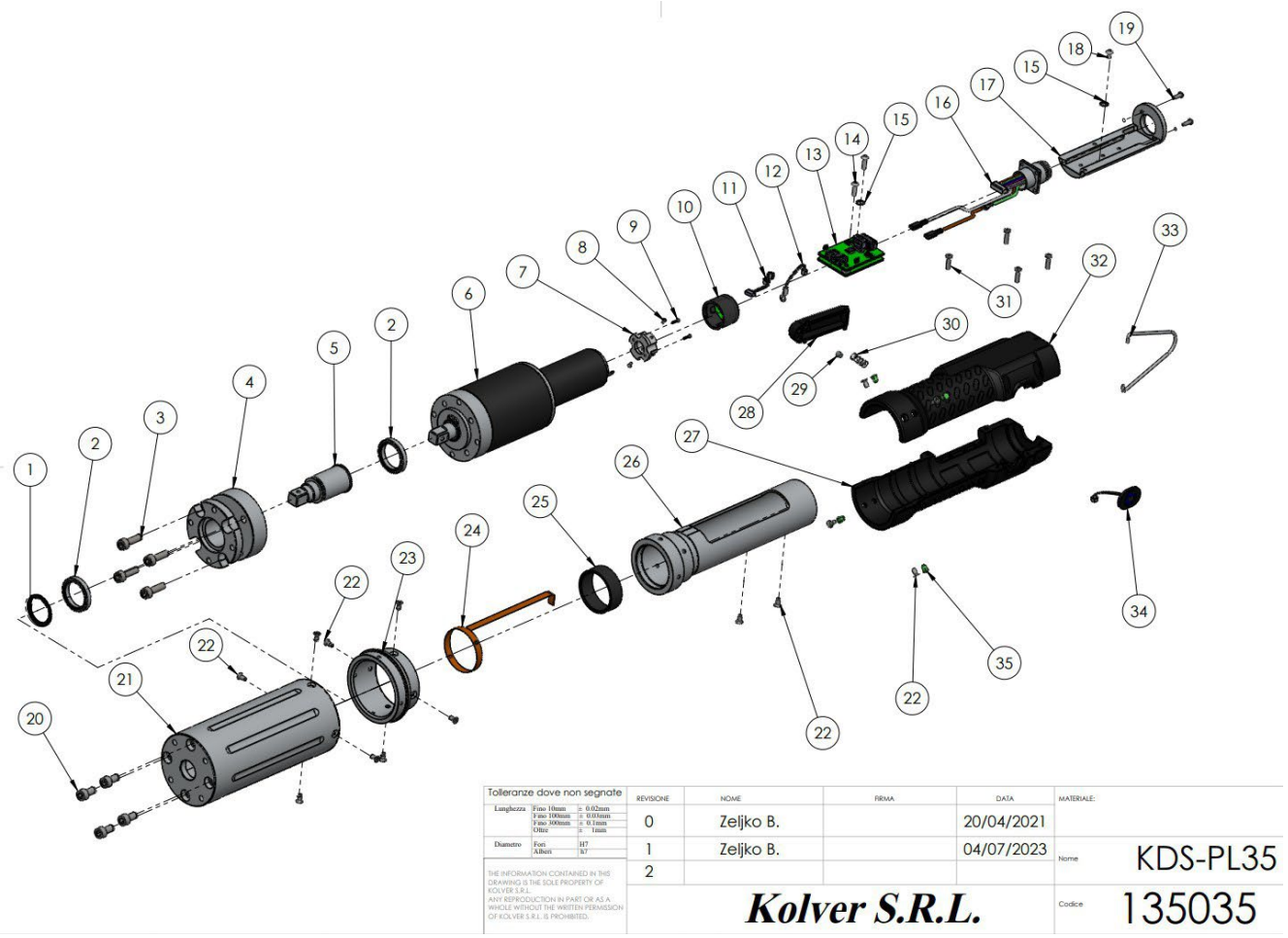


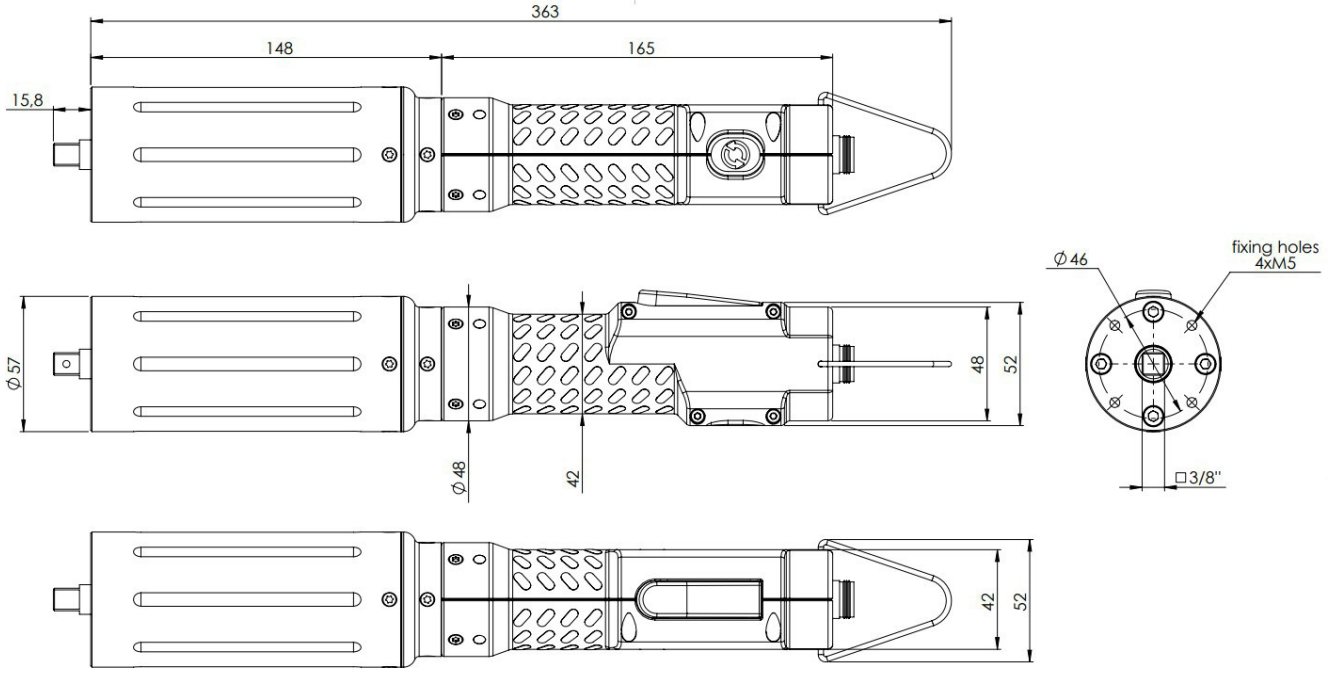
SPARE PARTS KDS-PL20ANG:

Pos.	Description	Qty	Code
1	RING 17mm	1	234920
2	TRANSDUCER BEARING KDS PL20	2	234922
3	SCREW 8.8 M4X16	4	240020
4	TRANSDUCER KDS PL20	1	234903
5	JOINT SHAFT KDS PL20	1	234904
6	MOTOR+REDUCTION GEARS KDS PL20	1	231609/20
7	ENCODER CLAMP	1	234530/S
8	SCREW M2X4	2	801004
9	SCREW M1.6X6	2	872473
10	ENCODER	1	231528
11	ENCODER WIRING	1	231536
12	SENSOR	1	231534
13	BOARD	1	852528
14	SCREW M3X10	2	231530
15	WASHER	2	800041
16	MALE CONNECTOR M16 10 PIN	1	201667
17	BOARD SUPPORT	1	231523
18	SCREW M3X5	1	872444
19	SCREW M2,5X8 TX8	2	872478
20	ANG HD12	1	010147
21	RINIG SUPPORT	1	010173
22	SCREW M4X12	1	231507
23	BODY (REDUCTION GEARS)	1	234900
24	SCREW M3X6 TX	10	801002
25	BUSH KDS PL20	1	234924
26	PCB FLEX LED KDS PL20	1	852531/L
27	BODY (BOARD)	1	234902
28	LEVER SPRING	1	221061
29	LEVER	1	234930-LV
30	MAGNET	2	231540
31	SCREW M3X10 TX10	6	231539
32	LEFT ANG HOUSING	1	234930/ANG/SX
33	RIGHT ANG HOUSING	1	234930/ANG/DX
34	REVERSE	1	231535
35	LED GUIDE	1	231553

EXPLODED VIEW KDS-PL35:

Note: ask Kolver for the corresponding documents for 2022 discontinued S/R button style



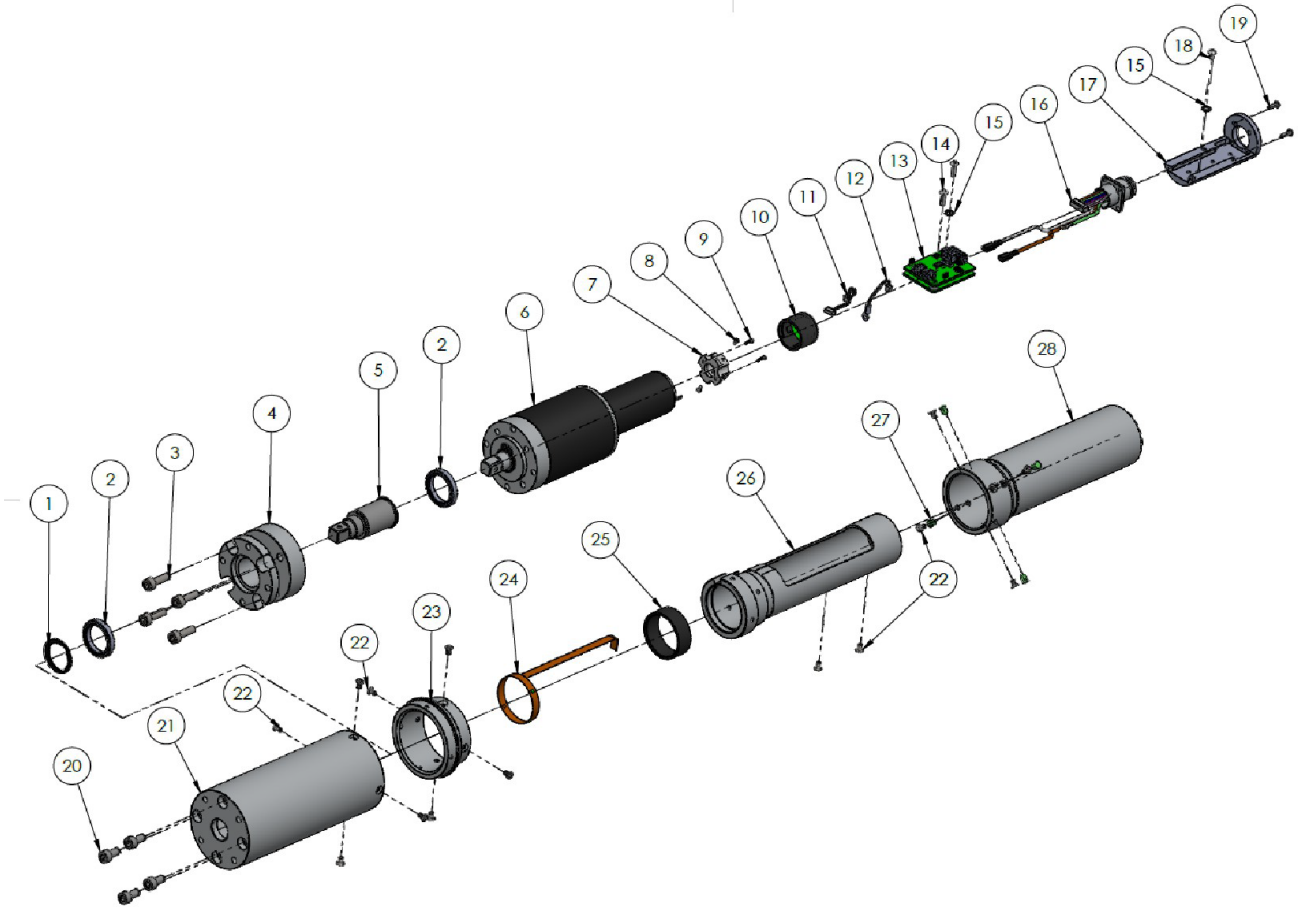


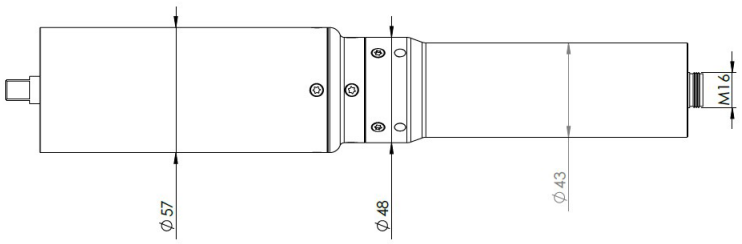
SPARE PARTS KDS-PL35:

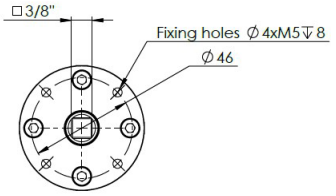
Note: ask Kolver for the corresponding documents for 2022 discontinued S/R button style

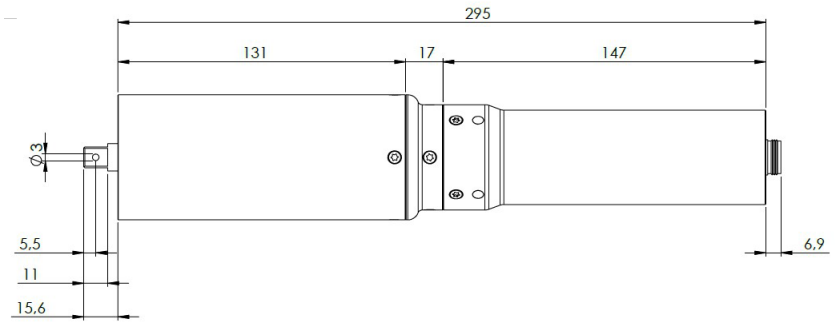
Pos.	Description	Qty	Code
1	RING 17mm	1	234920
2	TRANSDUCER BEARING	2	231533
3	SCREW M5X16	4	234588
4	TRANSDUCER	1	234907
5	JOINT SHAFT KDS PL35	1	234908
6	MOTOR+REDUCTION GEARS	1	231612/30M
7	ENCODER CLAMP	1	234530/S
8	SCREW M2X4	2	801004
9	SCREW M1.6X6	2	872473
10	ENCODER	1	231528
11	ENCODER WIRING	1	231536
12	SENSOR	1	231534
13	BOARD	1	852528
14	SCREW M3X10	2	231530
15	WASHER	2	800041
16	MALE CONNECTOR M16 10 PIN	1	201667
17	BOARD SUPPORT	1	231523
18	SCREW M3X5	1	872444
19	SCREW M2.5X8 TX8	4	872478
20	SCREW 5X10	4	231503
21	BODY (REDUCTION GEARS)	1	234905
22	SCREW M3X6 TX10	14	801002
23	JOINT	1	234906
24	PCB FLEX GUIDE	1	852531/L
25	BUSH	1	234924
26	BODY (BOARD)	1	234902
27	RIGHT HOUSING	1	234930/DX
28	LEVER	1	234930-LV
29	MAGNET	1	231540
30	LEVER SPRING	1	221061
31	SCREW M3X10 TX10	4	231539
32	LEFT HOUSING	1	234930/SX
33	HOOK	1	200060
34	REVERSE/START	1	231535
35	LED GUIDE	4	231553

EXPLODED VIEW KDS-PL35CA:





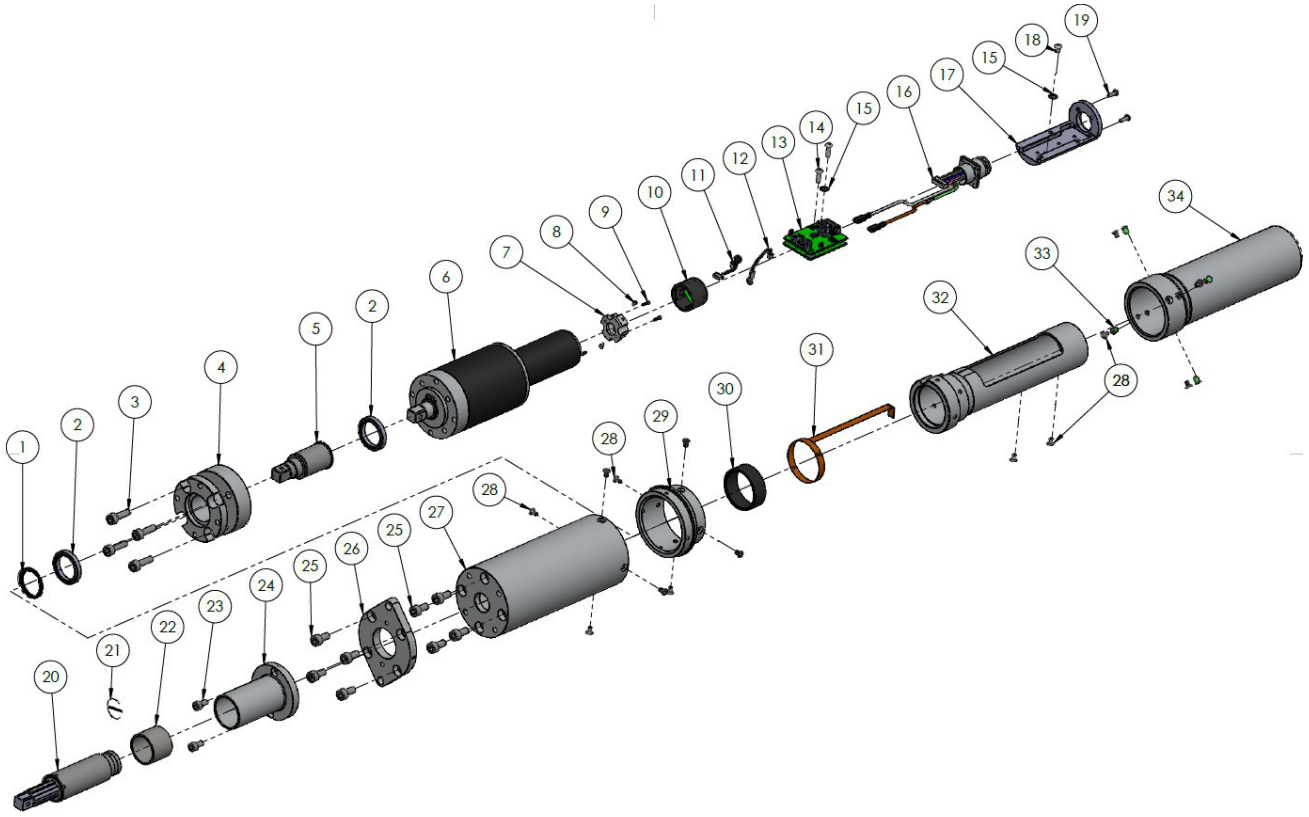


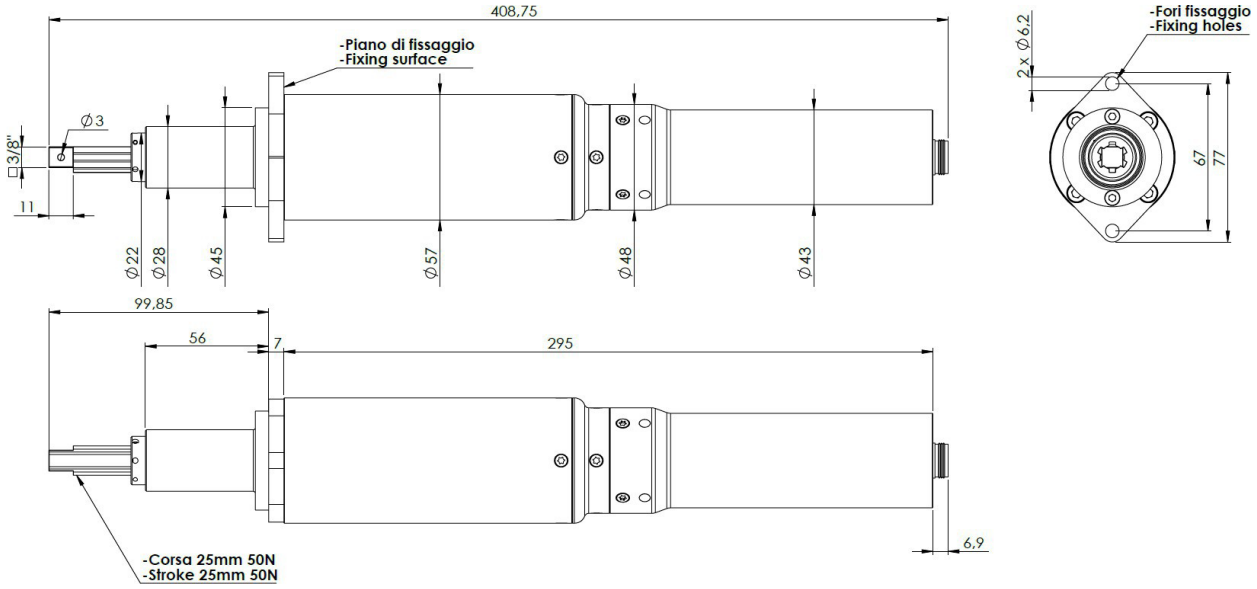


SPARE PARTS KDS-PL35CA:

s.	Description	Qty	Code
1	RING 17mm	1	234921
2	TRANSDUCER BEARING KDS	2	231533
3	SCREW 8.8 M4X16	4	234588
4	TRANSDUCER KDS PL35	1	234907
5	JOINT SHAFT KDS PL35	1	234908
6	MOTOR+REDUCTION GEARS KDS PL35	1	231612/30M
7	ENCODER CLAMP	1	234530/S
8	SCREW M2X4	2	801004
9	SCREW M1_6X6	2	872473
10	ENCODER	1	231528
11	ENCODER WIRING	1	231536
12	SENSOR	1	231534
13	BOARD	1	852528
14	SCREW M3X10	2	231530
15	WASHER	1	800041
16	MALE CONNECTOR M16 10 PIN	1	201667
17	SUPPORT BOARD	1	231523
18	SCREW M3X5	1	872444
19	SCREW M2,5X8 TX8	2	872478
20	SCREW M5X10	4	231503
21	BODY (REDUCTION GEARS)	1	234905
22	SCREW M3X6 TX10	14	801002
23	JONCTION	1	234906
24	PCB FLEX LED	1	852531/L
25	BUSH	1	234924
26	BOARD SUPPORT BODY	1	234902
27	LED GUIDE	4	231553
28	BODY	1	234910

EXPLODED VIEW KDS-PL35CA/FN:

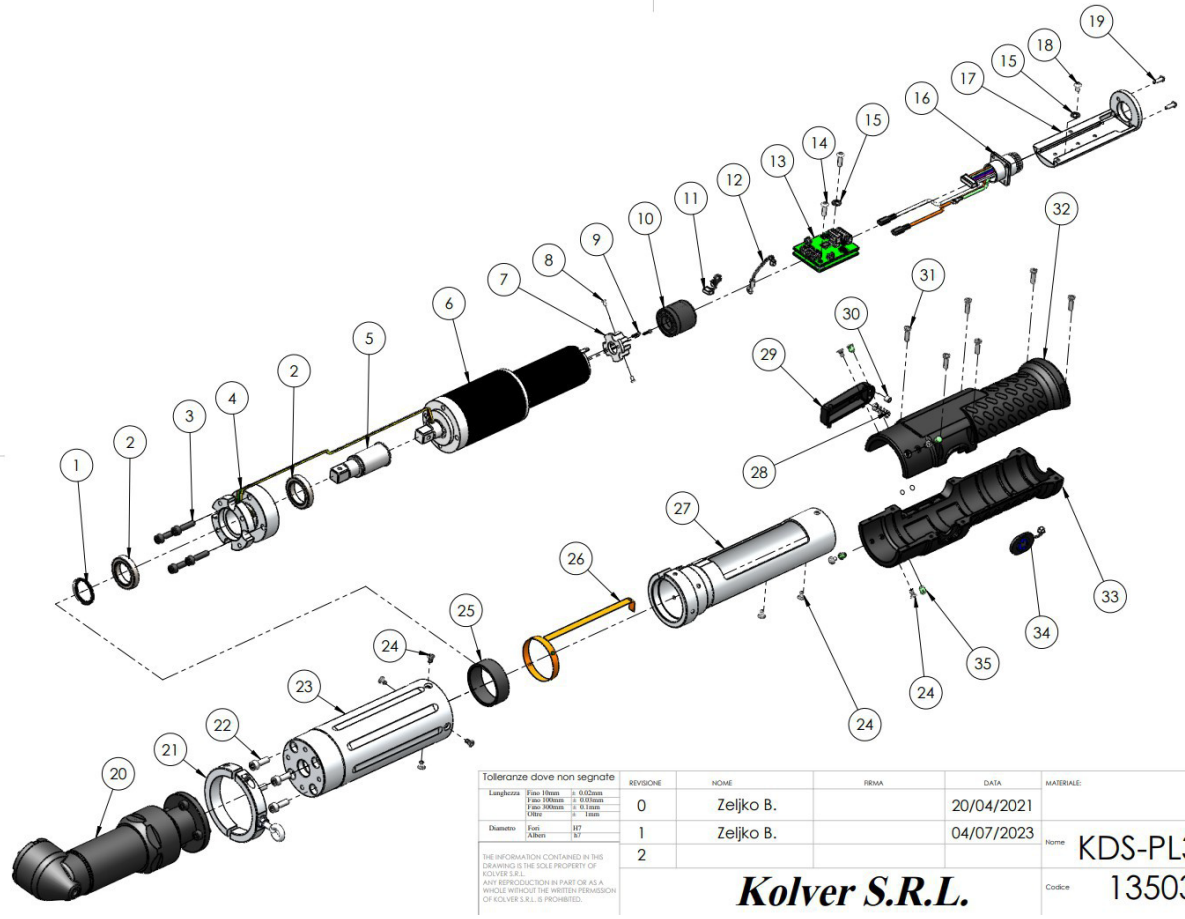




SPARE PARTS KDS-PL35CA/FN:

Pos.	Description	Qty	Code
1	RING 20mm	1	234921
2	TRANSDUCER BEARING KDS	2	231533
3	SCREW M5X16	4	234588
4	TRANSDUCER PL35	1	234907
5	JOINT SHAFT KDS PL35	1	234908
6	MOTOR+REDUCTION GEARS KDS PL35	1	231612/30M
7	ENCODER CLAMP	1	234530/S
8	SCREW M2X4	2	801004
9	SCREW M1_6X6	2	872473
10	ENCODER	1	231528
11	ENCODER WIRING	1	231536
12	SENSOR	1	231534
13	BOARD	1	852528
14	SCREW M3X10	2	231530
15	WASHER	1	800041
16	MALE CONNECTOR M16 10 PIN	1	201667
17	SUPPORT BOARD	1	231523
18	SCREW M3X5	1	872444
19	SCREW M2,5X8 TX8	2	872478
20	COMPENSATOR 3/8"	1	800321
21	1301-C SPINE 3/8"	1	FE-1301C
22	PERMAGLIDE	1	800317/1
23	SCREW M4X8	2	231505
24	TELESCOPI BUSH GUIDE	1	800302/20
25	SCREW M5X10	8	231503
26	CLAMP	1	234510/30/3
27	BODY (REDUCTION GEARS)	1	234905
28	SCREW M3X6 TX10	14	801002
29	JONCTION	1	234906
30	BUSH	1	234924
31	PCB FLEX LED	1	852531/L
32	BOARD SUPPORT BODY	1	234902
33	LED GUIDE	4	231553
34	BODY	1	234910

EXPLODED VIEW KDS-PL30ANG

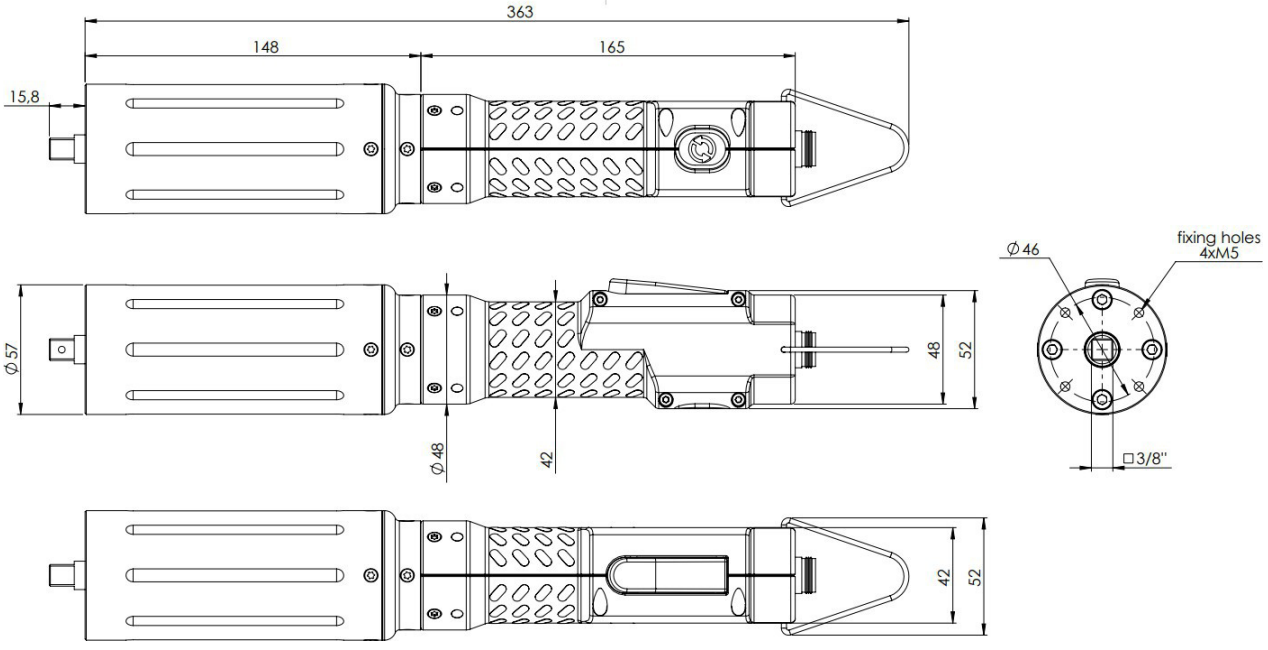


Tolleranze dove non segnate			REVISIONE	NOME	FIRMA	DATA	MATERIALE:
Lunghezza	Fino 10mm	± 0.02mm	0	Zeljko B.		20/04/2021	
	Fino 100mm	± 0.03mm	1	Zeljko B.		04/07/2023	Nome KDS-PL30-ANG
	Fino 300mm	± 0.1mm	2				
	Oltre	± 1mm					
Diametro	Fori	H7					
	Alberi	h7					

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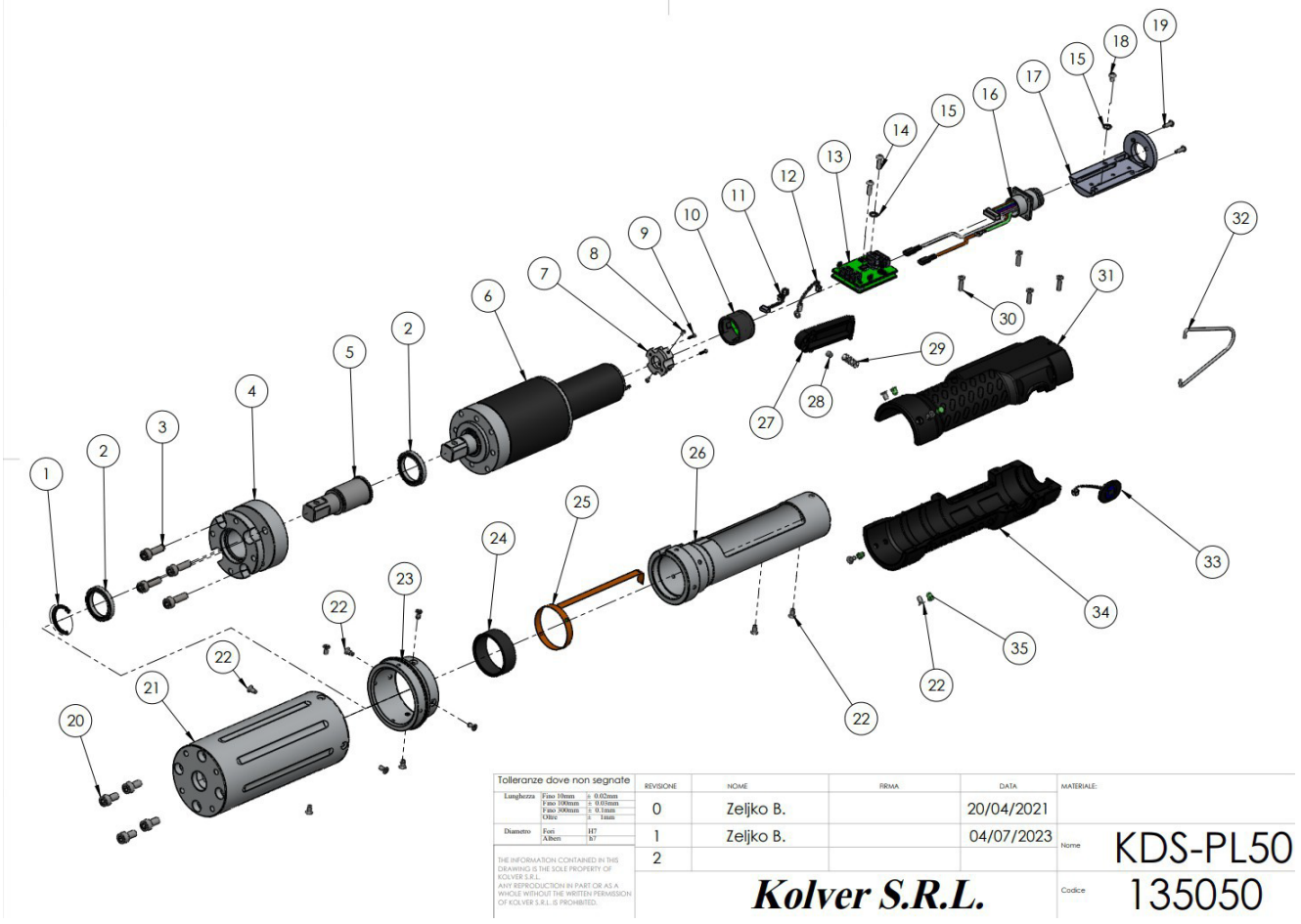
SPARE PARTS KDS-PL30ANG:

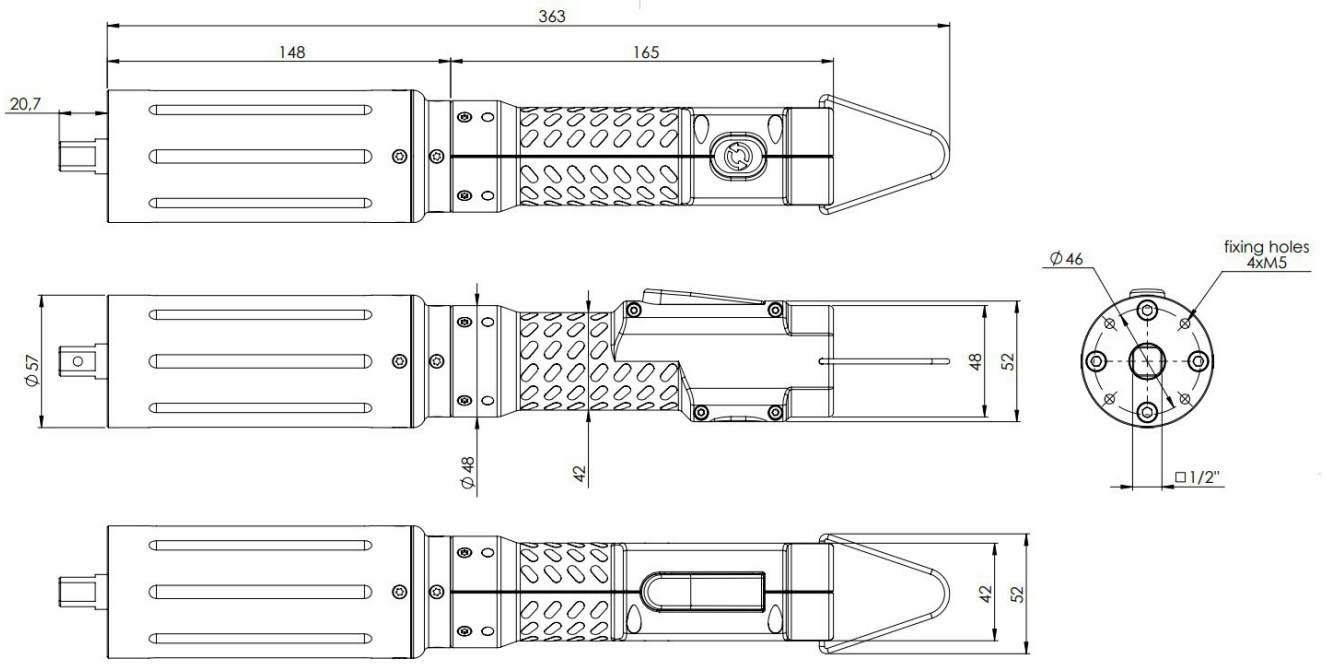
Note: ask Kolver for the corresponding documents for 2022 discontinued S/R button style

Pos.	Description	Qty	Code
1	RING 17mm	1	234920
2	TRANSDUCER BEARING	2	234922
3	SCREW 8.8 M4X16	4	240020
4	TRANSDUCER	1	234903
5	JOINT SHAFT	1	234904
6	MOTOR+REDUCTION GEARS	1	231609/20
7	ENCODER CLAMP	1	234530/S
8	SCREW M2X4	2	801004
9	SCREW M1.6X6	2	872473
10	ENCODER	1	231528
11	ENCODER WIRING	1	231536
12	SENSOR	1	231534
13	BOARD	1	852528
14	SCREW M3X10	2	231530
15	WASHER	2	800041
16	MALE CONNECTOR M16 10 PIN	1	201667
17	BOARD SUPPORT	1	231523
18	SCREW M3X5	1	872444
19	SCREW M2,5X8 TX8	2	872478
20	ANG HD20 3/8"	1	010157
21	RING SUPPORT	1	010173
22	SCREW M4X12	1	231507
23	BODY (REDUCTION GEARS)	1	234900
24	SCREW M3X6 TX	10	801002
25	BUSH KDS PL20	1	234924
26	PCB FLEX LED	1	852531/L
27	BODY (BOARD)	1	234902
28	LEVER SPRING	1	221061
29	LEVER	1	234930-LV
30	MAGNET	2	231540
31	SCREW M3X10 TX10	6	231539
32	LEFT ANG HOUSING	1	234930/ANG/SX
33	RIGHT ANG HOUSING	1	234930/ANG/DX
34	REVERSE	1	231535
35	LED GUIDE	1	231553

EXPLODED VIEW KDS-PL50:

Note: ask Kolver for the corresponding documents for 2022 discontinued S/R button style



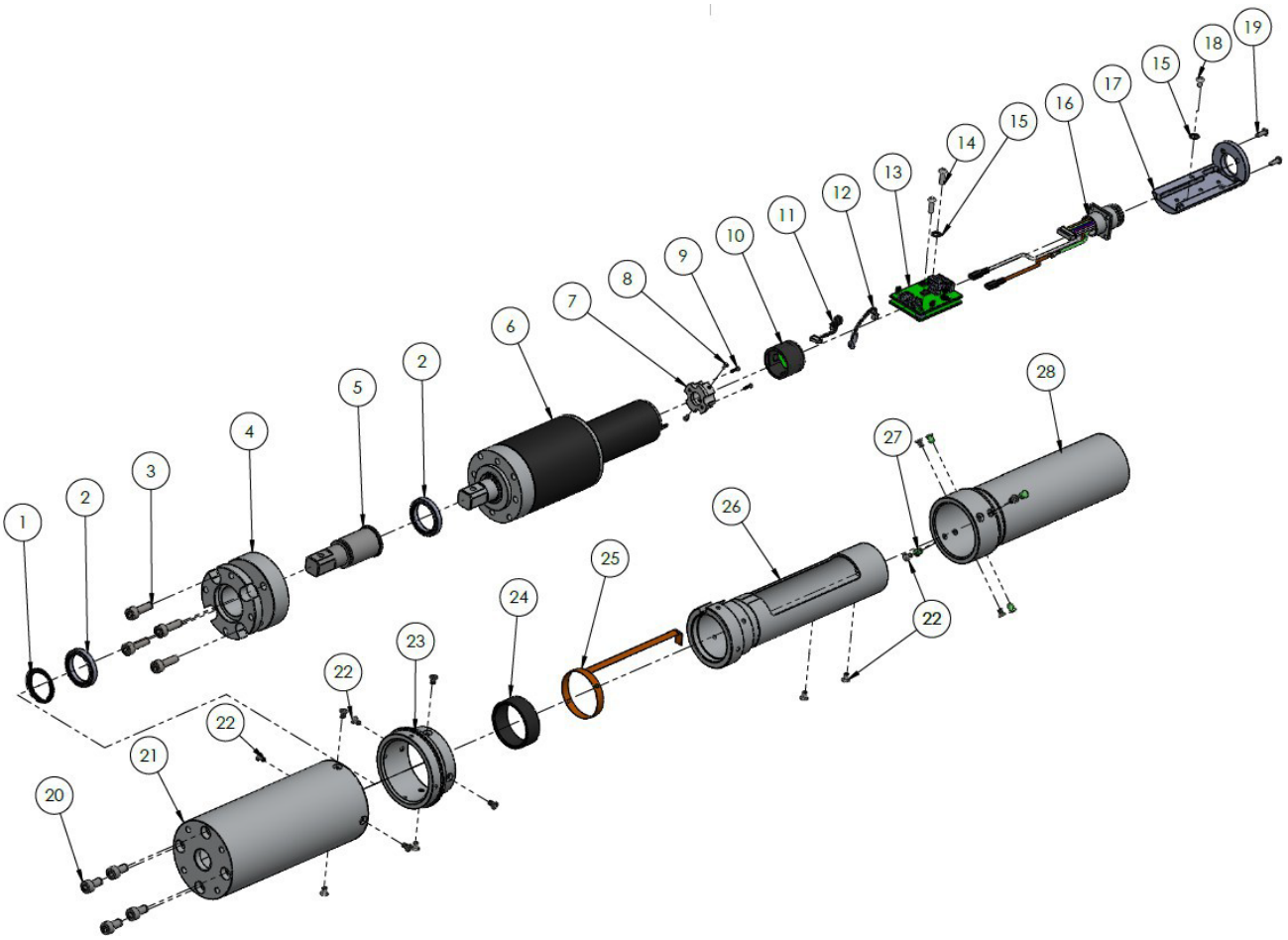


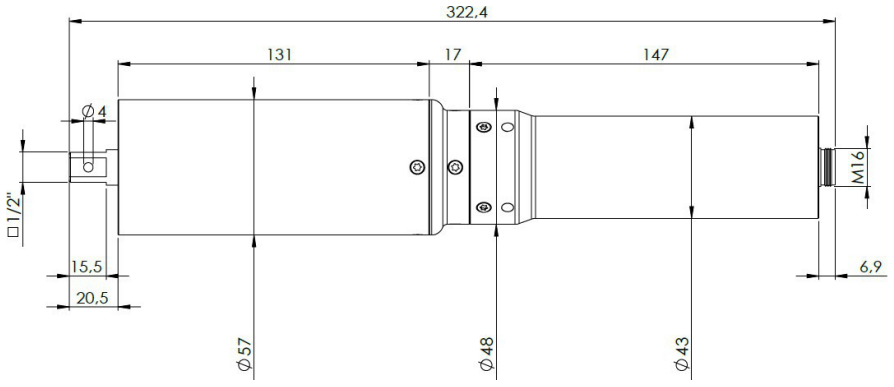
SPARE PARTS KDS-PL50:

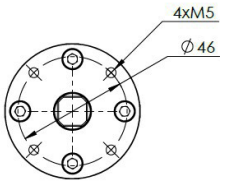
Note: ask Kolver for the corresponding documents for 2022 discontinued S/R button style

Pos.	Description	Qty	Code
1	RING 20mm	1	234921
2	TRANSDUCER BEARING	2	231533
3	SCREW M5X16	4	234588
4	TRANSDUCER	1	234907
5	JOINT SHAFT KDS PL50	1	234909
6	MOTOR+REDUCTION GEARS	1	231612/50M
7	ENCODER CLAMP	1	234530/S
8	SCREW M2X4	2	801004
9	SCREW M1.6X6	2	872473
10	ENCODER	1	231528
11	ENCODER WIRING	1	231536
12	SENSOR	1	231534
13	BOARD	1	852528
14	SCREW M3X10	2	231530
15	WASHER	2	800041
16	MALE CONNECTOR M16 10 PIN	1	201667
17	BOARD SUPPORT	1	231523
18	SCREW M3X5	1	872444
19	SCREW M2.5X8 TX8	4	872478
20	SCREW 5X10	4	231503
21	BODY (REDUCTION GEARS)	1	234905
22	SCREW M3X6 TX10	14	801002
23	JOINT	1	234906
24	BUSH	1	234924
25	PCB FLEX LED	1	852531/L
26	BODY (BOARD)	1	234902
27	LEVER	1	234930-LV
28	MAGNET	1	231540
29	LEVER SPRING	1	221061
30	SCREW M3X10 TX10	4	231539
31	LEFT HOUSING	1	234930/SX
32	HOOK	1	200060
33	REVERSE/START	1	231535
34	RIGHT HOUSING	1	234930/DX
35	LED GUIDE	4	231553

EXPLODED VIEW KDS-PL50CA:



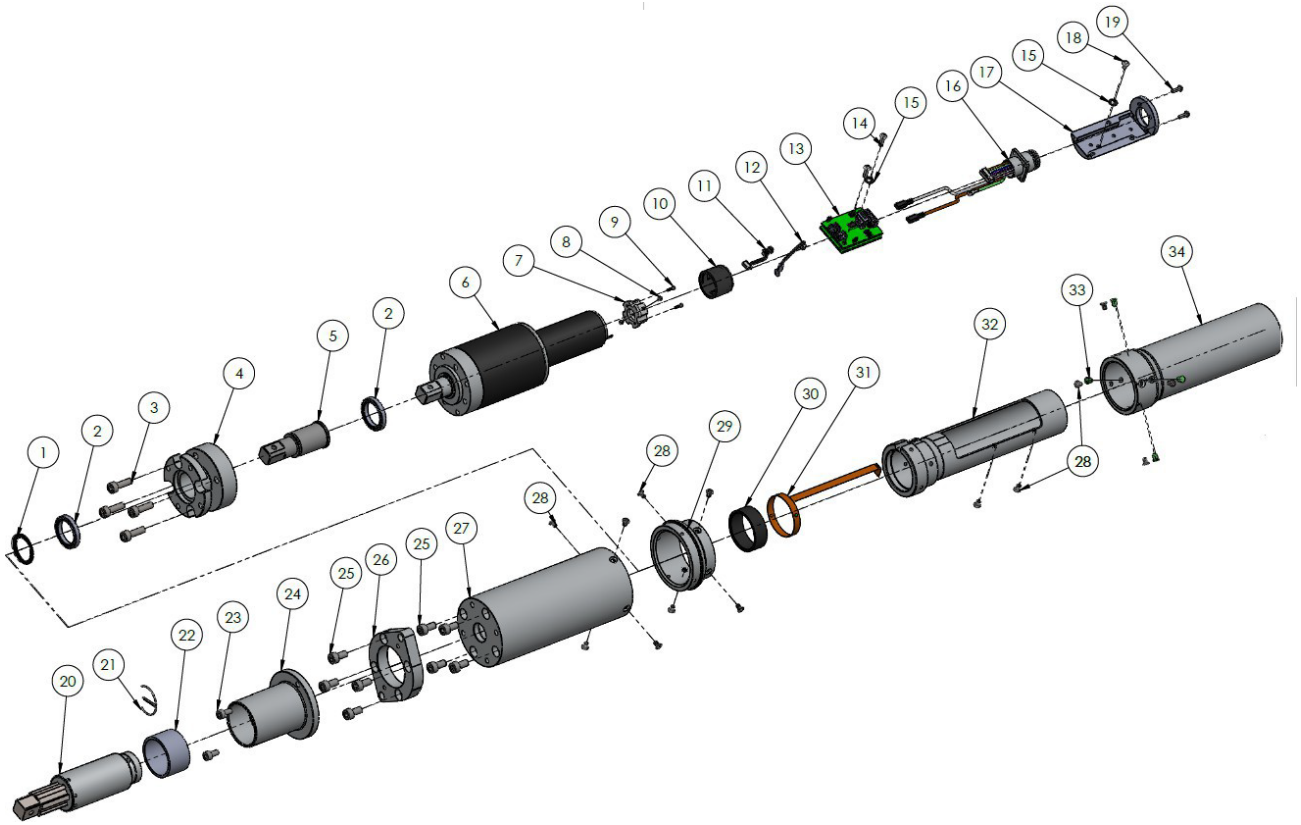


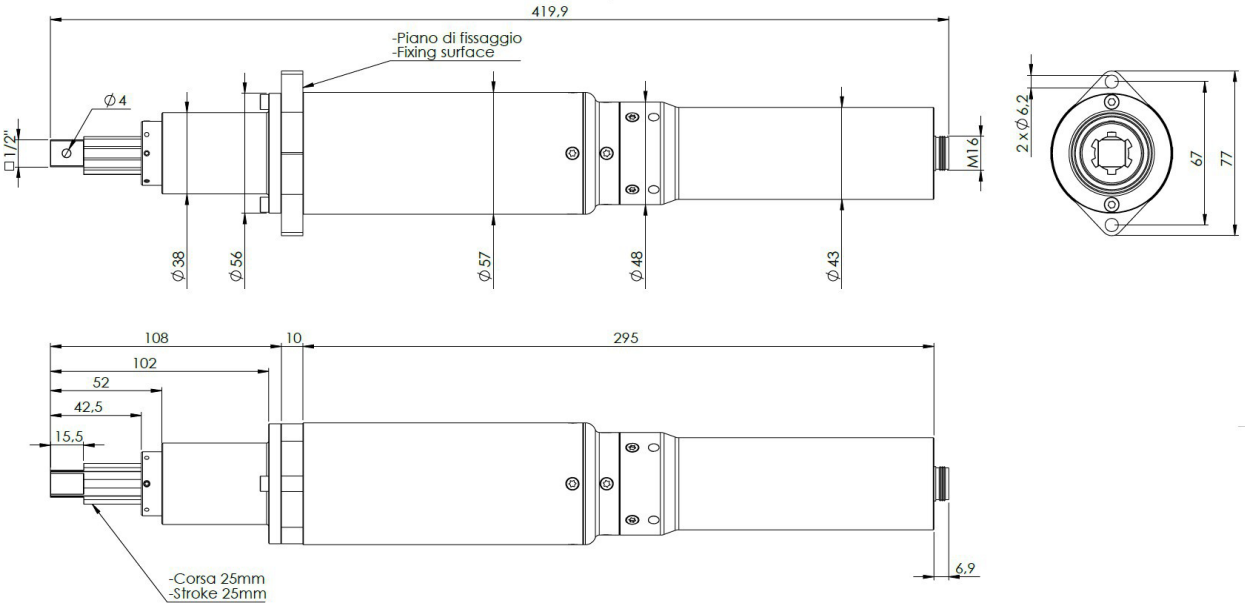


SPARE PARTS KDS-PL50CA:

Pos.	Description	Qty	Code
1	RING	1	234921
2	BEARING	2	231533
3	SCREW M5X16	4	234588
4	TRANSDUCER PL35-PL50	1	234907
5	JOINT SHAFT KDS PL50	1	234909
6	MOTOR+REDUCTION GEARS KDS PL50	1	231612/50M
7	ENCODER CLAMP	1	234530/S
8	SCREW M2X4	2	801004
9	SCREW M1_6X6 ENCODER	2	872473
10	ENCODER	1	231528
11	ENCODER WIRES	1	231536
12	SENSOR	1	231534
13	BOARD	1	852528
14	SCREW M3X10	2	231530
15	WASHER	2	801005
16	MALE CONNECTOR M16 10 PIN	1	201667
17	SUPPORT BOARD	1	231523
18	SCREW M3X5	1	872444
19	SCREW M2,5X8 TX8	2	872478
20	SCREW M5X10	4	231503
21	BODY (REDUCTION GEARS)	1	234905
22	SCREW M3X6 TX10	14	801002
23	JONCTION	1	234906
24	BUSH	1	234924
25	PCB FLEX LED	1	852531/L
26	BOARD SUPPORT BODY	1	234902
27	LED GUIDE	4	231553
28	BODY	1	234910

EXPLODED VIEW KDS-PL50CA/FN:



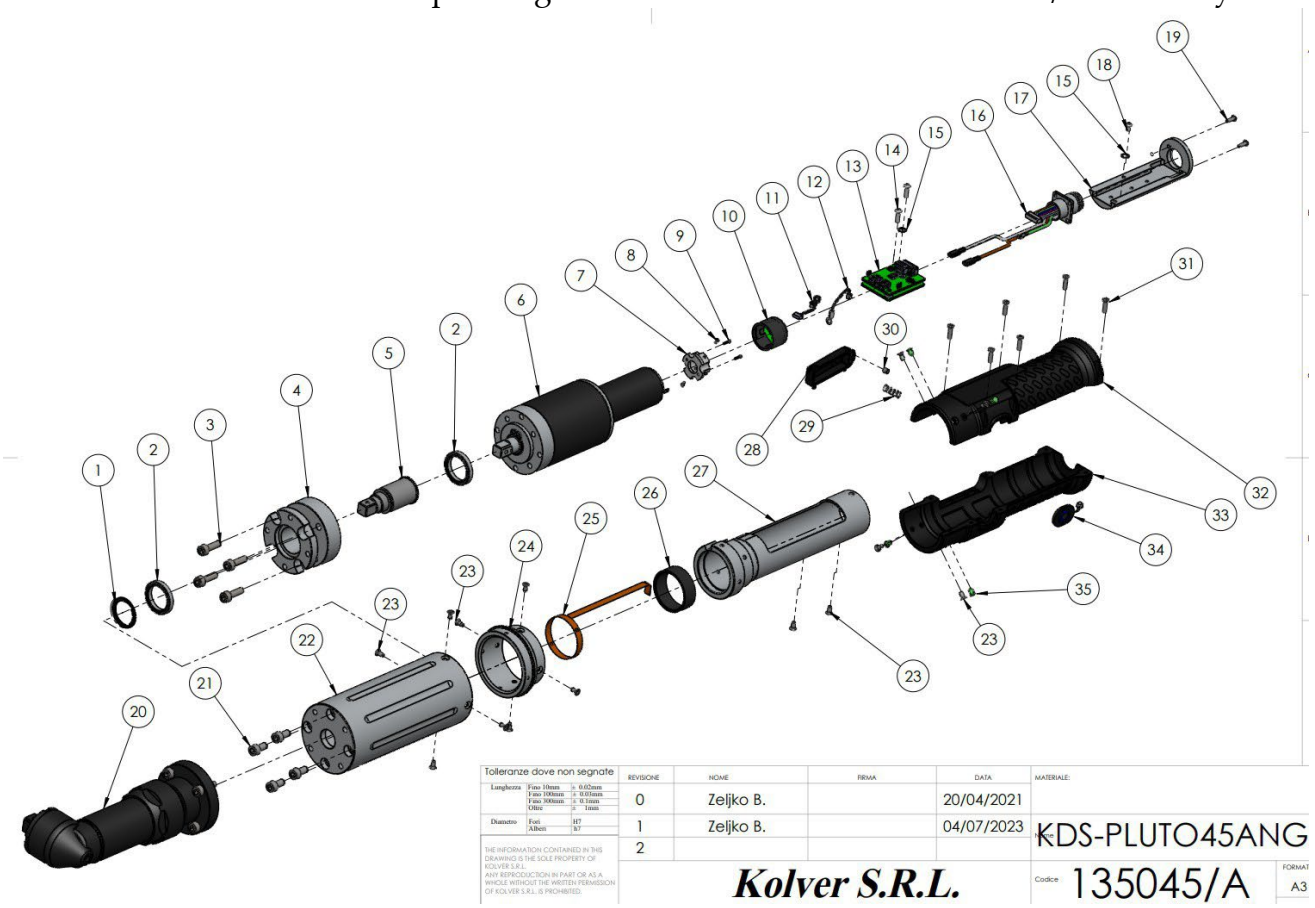


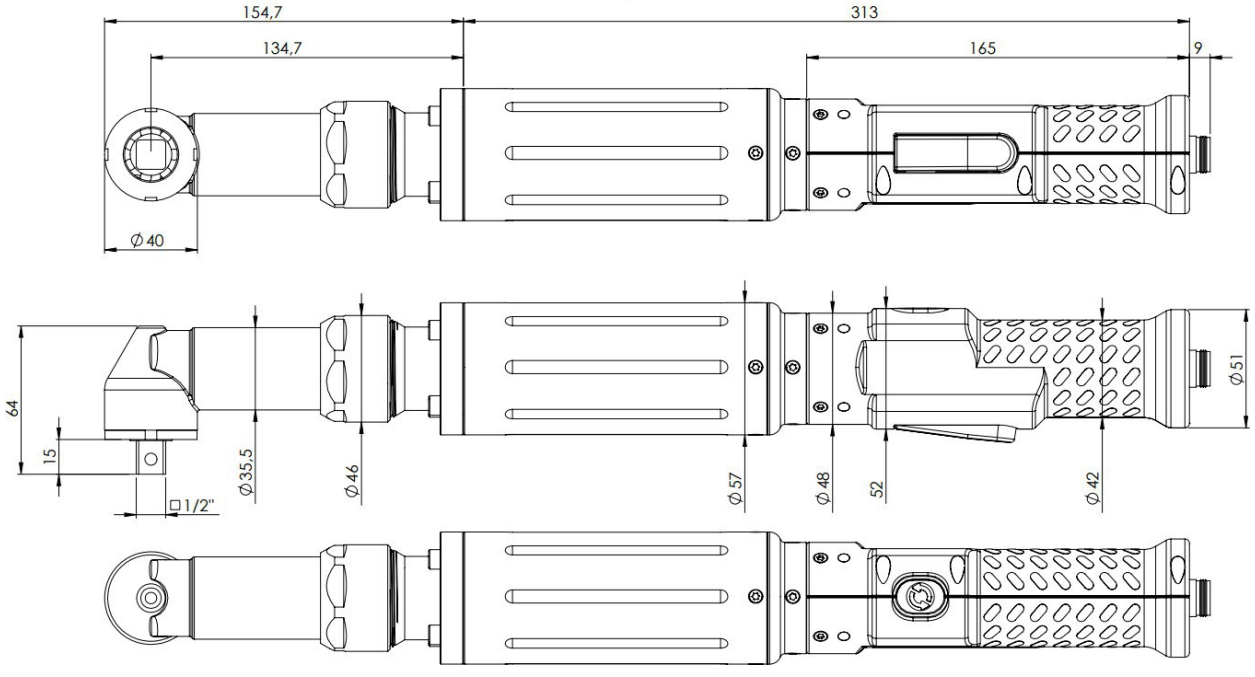
SPARE PARTS KDS-PL50CA/FN:

Pos.	Description	Qty	Code
1	RING	1	234921
2	BEARING	2	231533
3	SCREW M5X16	4	234588
4	TRANSDUCER PL35-PL50	1	234907
5	JOINT SHAFT KDS PL50	1	234909
6	MOTOR+REDUCTION GEARS KDS PL50	1	231612/50M
7	ENCODER CLAMP	1	234530/S
8	SCREW M2X4	2	801004
9	SCREW M1_6X6 ENCODER	2	872473
10	ENCODER	1	231528
11	ENCODER WIRES	1	231536
12	SENSOR	1	231534
13	BOARD	1	852528
14	SCREW M3X10	2	231530
15	WASHER	2	801005
16	MALE CONNECTOR M16 10 PIN	1	201667
17	SUPPORT BOARD	1	231523
18	SCREW M3X5	1	872444
19	SCREW M2,5X8 TX8	2	872478
20	COMPENSATOR 1/2"	1	800319
21	SPINE 1/2"	1	FE-1401C
22	PERMAGLIDE	1	800327
23	SCREW M4X8	2	231505
24	TELESCOPIC GUIDE PLUTO50CA	1	800302/50
25	SCREW VITE M5X10	8	231503
26	CLAMP	1	234510/50
27	BODY (REDUCTION GEARS)	1	234905
28	SCREW M3X6 TX10	14	801002
29	JONCTION	1	234906
30	BUSH	1	234924
31	PCB FLEX LED	1	852531/L
32	BOARD SUPPORT BODY	1	234902
33	LED GUIDE	4	231553
34	BODY	1	234910

EXPLODED VIEW KDS-PL45ANG:

Note: ask Kolver for the corresponding documents for 2022 discontinued S/R button style





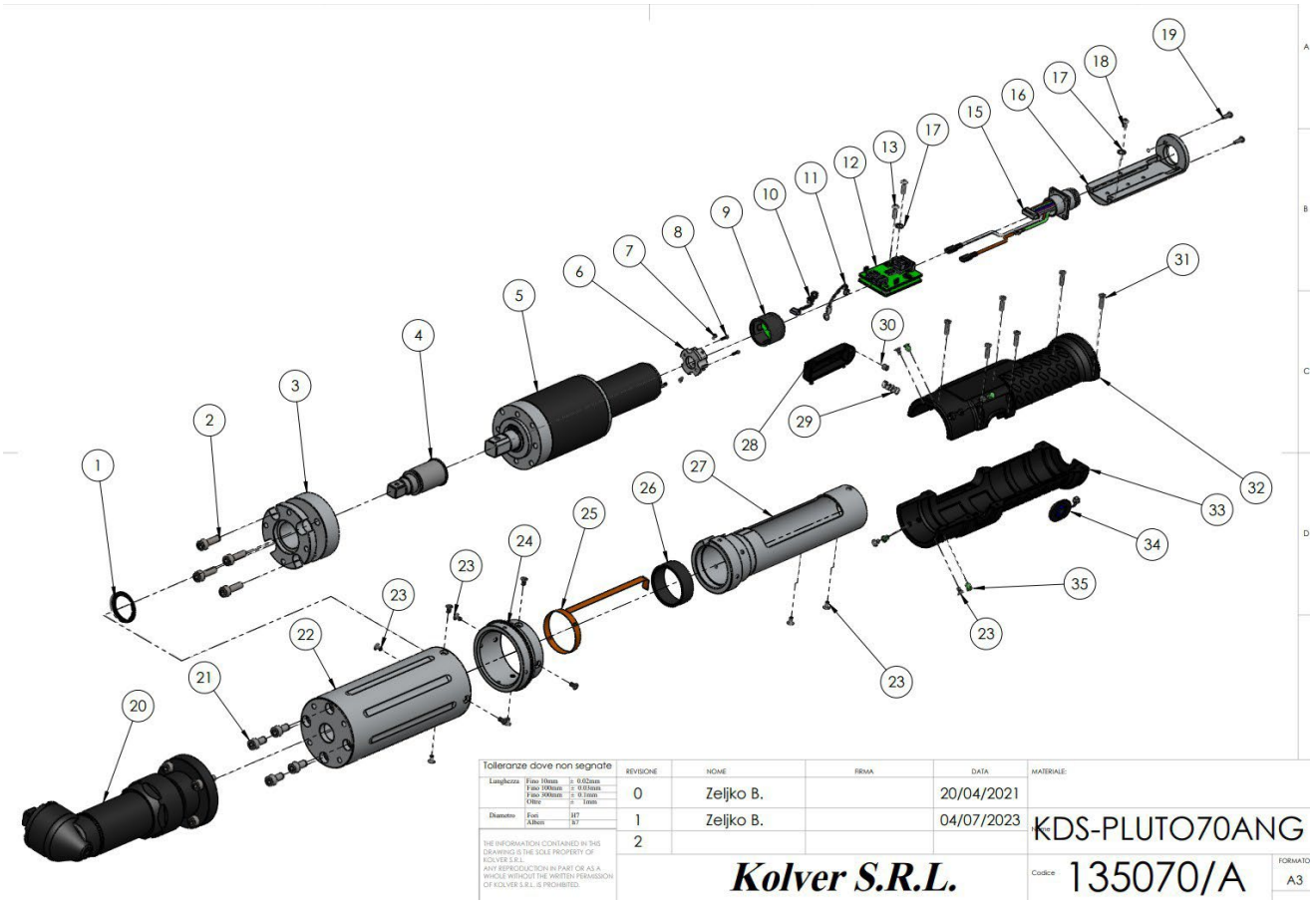
SPARE PARTS KDS-PL45ANG:

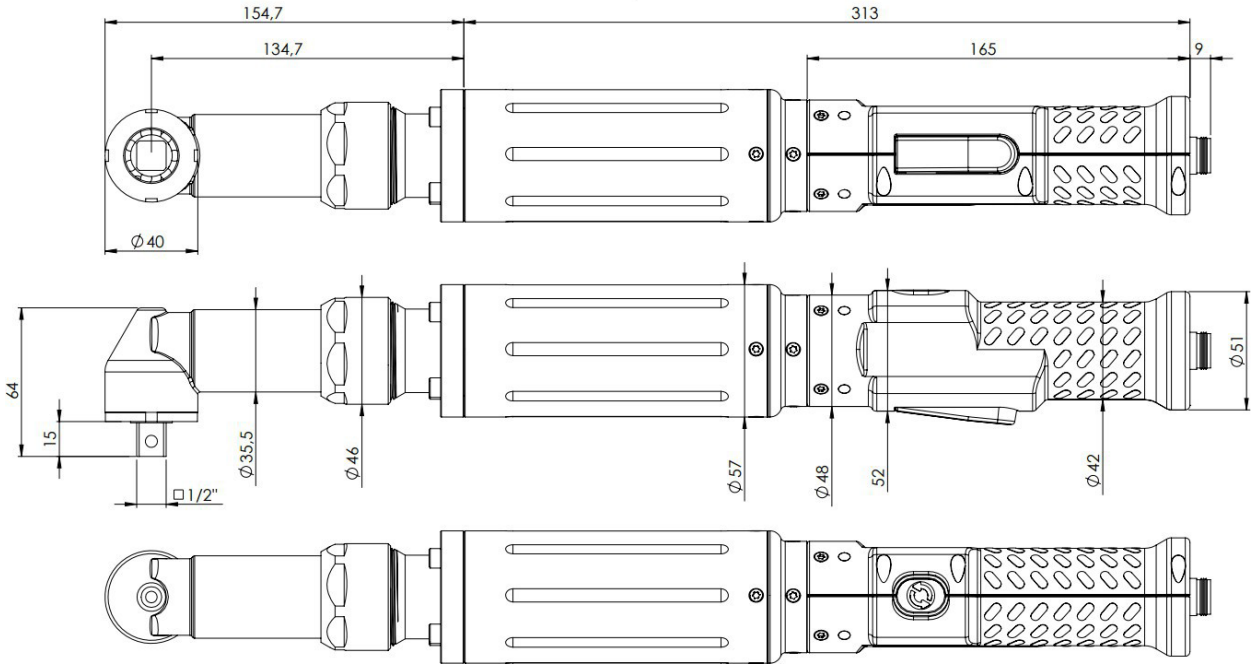
Note: ask Kolver for the corresponding documents for 2022 discontinued S/R button style

Pos.	Description	Qty	Code
1	RING 20mm	1	234921
2	TRANSDUCER BEARING	2	231533
3	SCREW M5X16	4	234588
4	TRANSDUCER	1	234907
5	JOINT SHAFT	1	234908
6	MOTOR+REDUCTION GEARS	1	231609/30M
7	ENCODER CLAMP	1	234530/S
8	SCREW M2X4	2	801004
9	SCREW M1.6X6	2	872473
10	ENCODER	1	231528
11	ENCODER WIRING	1	231536
12	SENSOR	1	231534
13	BOARD	1	852528
14	SCREW M3X10	2	231530
15	WASHER	2	800041
16	MALE CONNECTOR M16 10 PIN	1	201667
17	BOARD SUPPORT	1	231523
18	SCREW M3X5	1	872444
19	SCREW M2.5X8 TX8	2	872478
20	ANG HD21	1	010158
21	SUPPORT RING	1	010176
22	SCREW M5X10	4	231503
23	BODY (REDUCTION GEARS)	1	234905
24	SCREW M3X6 TX	14	801002
25	JOINT	1	234906
26	BUSH KDS	1	234924
27	PCB FLEX LED	1	852531/L
28	BODY (BOARD)	1	234902
29	LEVER	1	234930-LV
30	LEVER SPRING	1	221061
31	MAGNET	1	231540
32	SCREW M3X10 TX10	6	231539
33	LEFT ANG HOUSING	1	234930/ANG/SX
34	RIGHT ANG HOUSING	1	234930/ANG/DX
35	REVERSE	1	231535
36	LED GUIDE	4	231553

EXPLODED VIEW KDS-PL70ANG:

Note: ask Kolver for the corresponding documents for 2022 discontinued S/R button style





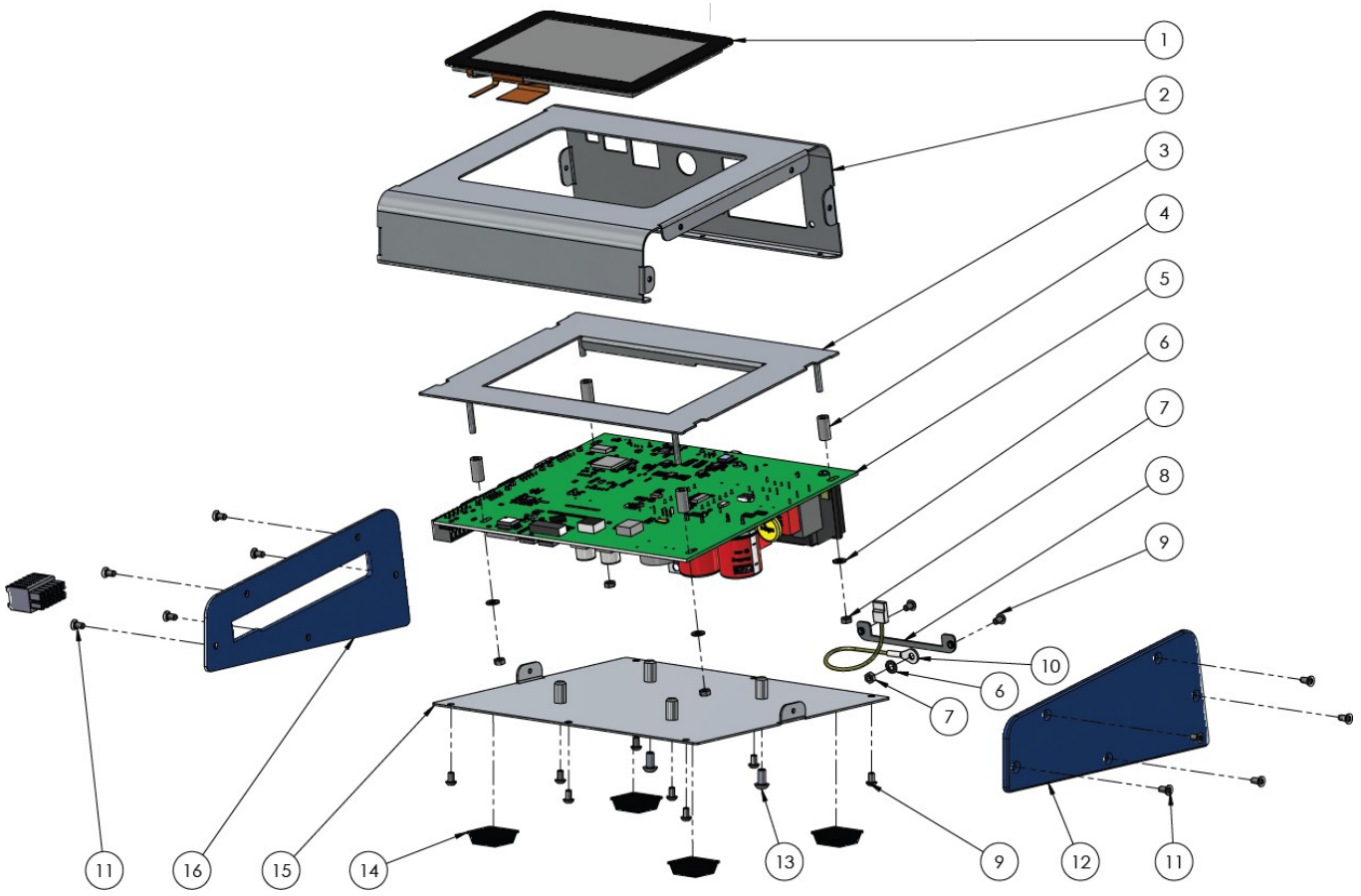
SPARE PARTS KDS-PL70ANG:

Note: ask Kolver for the corresponding documents for 2022 discontinued S/R button style

Pos.	Description	Qty	Code
1	RING 20mm	1	234921
2	TRANSDUCER BEARING	2	231533
3	SCREW M5X16	4	234588
4	TRANSDUCER	1	234907
5	JOINT SHAFT	1	234908
6	MOTOR+REDUCTION GEARS	1	231609/50M
7	ENCODER CLAMP	1	234530/S
8	SCREW M2X4	2	801004
9	SCREW M1.6X6	2	872473
10	ENCODER	1	231528
11	ENCODER WIRING	1	231536
12	SENSOR	1	231534
13	BOARD	1	852528
14	SCREW M3X10	2	231530
15	WASHER	1	800041
16	MALE CONNECTOR M16 10 PIN	1	201667
17	BOARD SUPPORT	1	231523
18	SCREW M3X5	1	872444
19	SCREW M2.5X8 TX8	2	872478
20	ANG HD22	1	010159
21	SUPPORT RING	1	010176
22	SCREW M5X10	4	231503
23	BODY (REDUCTION GEARS)	1	234905
24	SCREW M3X6 TX	14	801002
25	JOINT	1	234906
26	BUSH KDS	1	234924
27	PCB FLEX LED	1	852531/L
28	BODY (BOARD)	1	234902
29	LEVER	1	234930-LV
30	LEVER SPRING	1	221061
31	MAGNET	1	231540
32	SCREW M3X10 TX10	6	231539
33	LEFT ANG HOUSING	1	234930/ANG/SX
34	RIGHT ANG HOUSING	1	234930/ANG/DX
35	REVERSE	1	231535
36	LED GUIDE	4	231553

K-DUCER-NT

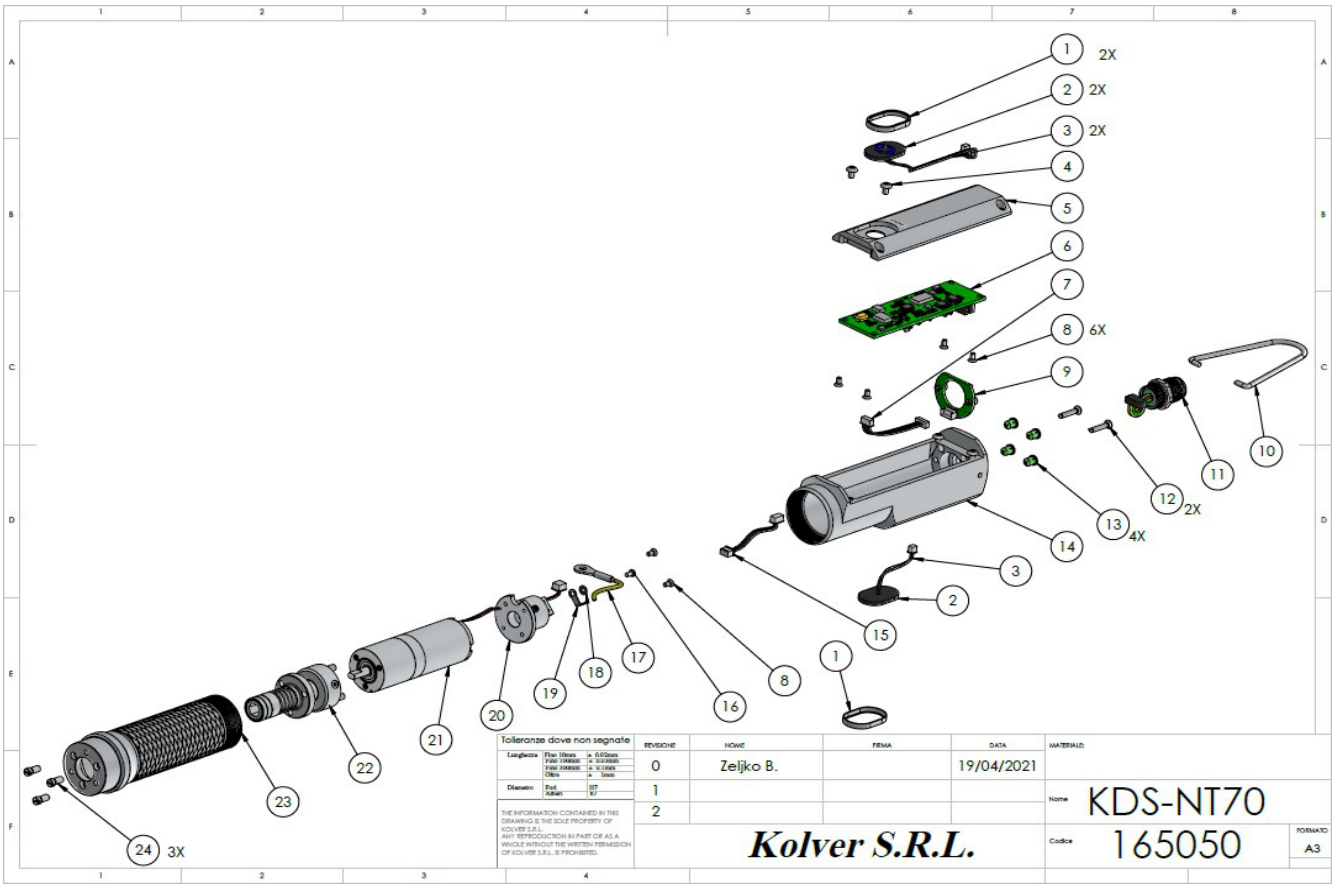
EXPLODED VIEW KDU-NT:



SPARE PARTS KDU-NT:

Pos.	Description	Qty	Code
1	DISPLAY TOUCH 5"	1	852532
2	FRONT PANEL KDU-NT	1	872602
3	INSIDE PANEL KDU-NT	1	872604
4	CYLINDER 12 MM ESP C	1	872436/N
5	BOARD KDU_NT	1	852539
6	WASHER M3	4	800041
7	BN117 NUT M3 ZN	1	800056
8	SOCKET LATCH	5	872605
9	BN6404 SCREW M3 X ZN TX10	5	872444
10	GROUND WIRE	1	800090/E
11	BN4851 SCREW TSP M3X6 TX10 ZN	10	801002
12	RIGHT PANEL KDU-NT	1	872601
13	BN6404 SCREW M4X8 ZN TX20	10	872534
14	RUBBER PADS	4	800016-B
15	BOTTOM KDU_NT	1	872603
16	LEFT PANEL KDU-NT	1	872600
	LABEL	1	818012
	CABLE 3x0,75 H05VVF 2mt. SCHUKO	1	800620

EXPLODED VIEW KDS-NT70-NT70/HM-NT120 -NT120/HM



SPARE PARTS KDS-NT70-NT70/HM-NT120-NT120/HM

Pos.	Description	Qty	Code
1	MOTOR SEAT KDS-PL3	2	234912-S
2	M2x8mm	2	231535/NT
3	DOUBLE PICOBLADE 2P FOR REVESE KDS 50MM	2	231559
4	SCREW M2.5X4 TX8	4	872487
5	COVER KDS-NT	1	250203
6	BOARD KDS-NT	1	852540
7	DOUBLE PICOBLADE 4P FOR LED KDS 75MM	1	231566
8	SCREW M2.5X4 TX6	6	231531
9	LEAD BOARD KDS-NT	1	852541
10	HOOK	1	200060
11	CONNECTOR M12 8 PIN	1	201766/NT
12	BN2041 2.2X12	2	872489
13	LED GUIDE	4	231553
14	SCREWDRIVER BODY KDS-NT	1	250202
15	DOUBLE PICOBLADE 4P ENCODER KDS 75MM	1	231565
16	SCREW M2X3	1	250044
17	GROUND WIRE	1	231546/PN
18	WASHER	1	801005
19	GROUND TAB	1	200084
20	ENCODER	1	250041-M-160-2
21	REDUCTION GEARS KDS-NT70	1	231512/05
	REDUCTION GEARS KDS-NT120		231512/12
22	KIT	1	250047/T/KIT
23	MOTOR MOUNT HOUSING	1	250201
24	SCREW M3X6	3	801010

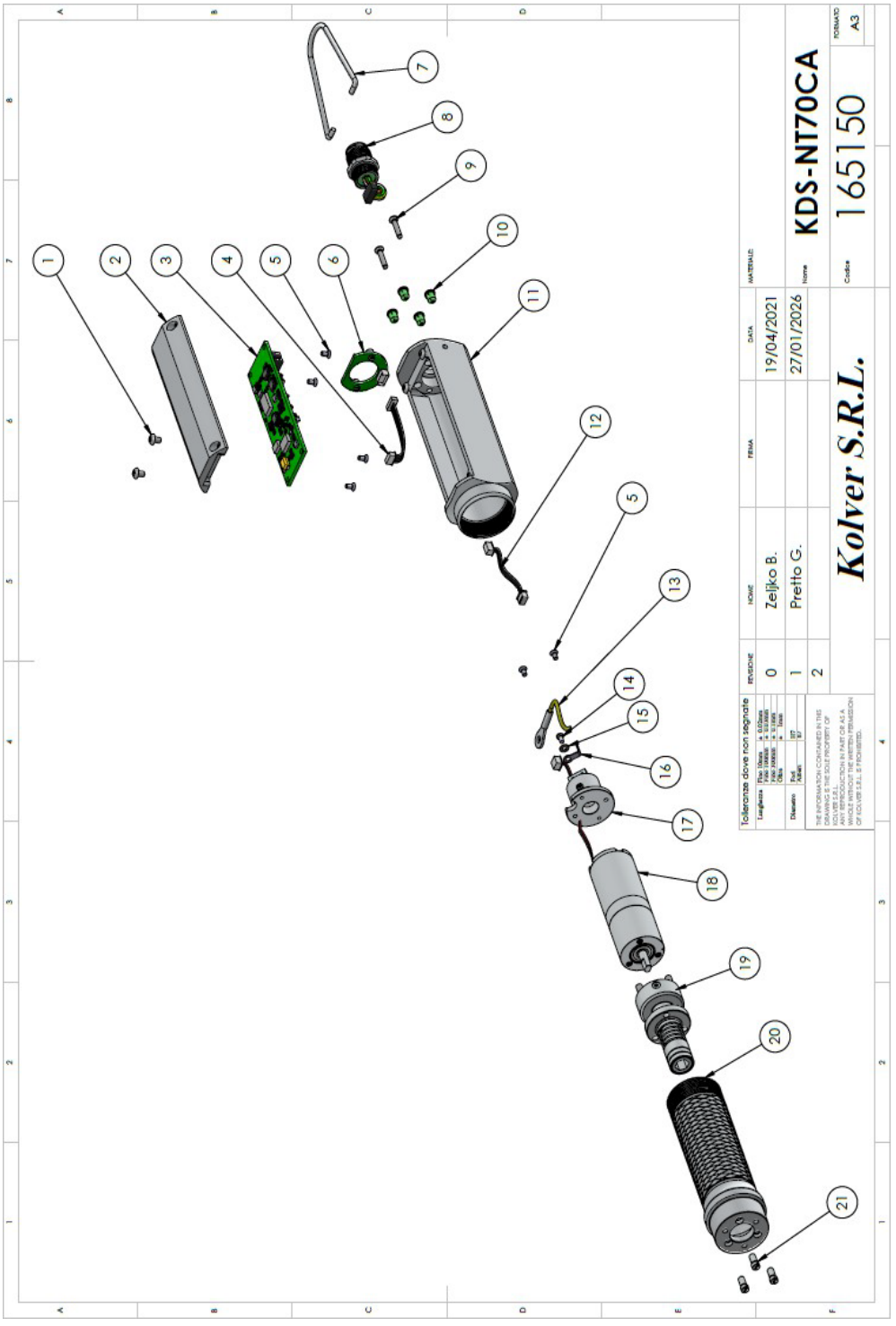
LEVER KIT

1	LEVER KIT KDS-NT	1	10450

HALF MOON MODEL /MK

23	KIT	1	250047/T/KIT

EXPLODED VIEW KDS-NT70CA-NT70CA/HM--T120CA-NT120CA/HM:



SPARE PARTS KDS-NT70CA-NT70CA/HM--T120CA-NT120CA/HM:

Pos.	Description	Qty	Code
1	SCREW M2.5X4 TX8	4	872487
2	COVER BOARD NT CA WITHOUT BUTTON	1	250203/CA
3	BOARD KDS-NT	1	852540
4	DOUBLE PICOBLADE 4P FOR LED KDS 75MM	2	231566
5	SCREW M2.5X4 PL6	6	801004
6	LEAD BOARD KDS-NT	1	852541
7	HOOK	1	200060
8	CONNECTOR M12 8 PIN	1	201766/NT
9	BN2041 2.2X12	2	872489
10	LED GUIDE	4	231553
11	SCREWDRIVER BODY KDS-NTCA W/O BUTTON	1	250202/CA
12	DOUBLE PICOBLADE 4P ENCODER KDS 75MM	2	231565
13	GROUND WIRE	1	231546/PN
14	SCREW M2X3	3	250044
18	WASHER	1	801005
19	GROUND TAB	1	200084
20	ENCODER	1	250041-M-160-2
21	REDUCTION GEARS KDS-NT70	1	231512/05
	REDUCTION GEARS KDS-NT120		231512/12
22	KIT	1	250047/T/KIT
23	MOTOR MOUNT HOUSING	1	250201
24	SCREW M3X6	3	801010

GUARANTEE

This KOLVER product is guaranteed against defective workmanship or materials, for a maximum period of 12 months following the date of purchase from KOLVER, provided that its usage is limited to single shift operation throughout that period. If the usage rate exceeds of single shift operation, the guarantee period shall be reduced on a prorata basis. If, during the guarantee period, the product appears to be defective in workmanship or materials, it should be returned to KOLVER or its distributors, transport prepaied, together with a short description of the alleged defect. KOLVER shall, at its sole discretion, arrange to repair or replace free of charge such items.
This guarantee does not cover repair or replacement required as a consequence of products which have been abused, misused or modified, or which have been repaired using not original KOLVER spare parts or by not authorized service personnel.
KOLVER accepts no claim for labour or other expenditure made upon defective products. Any direct, incidental or consequential damages whatsoever arising from any defect are expressly excluded.
This guarantee replaces all other guarantees, or conditions, expressed or implied, regarding the quality, the marketability or the fitness for any particular purpose.
No one, whether an agent, servant or employee of KOLVER, is authorized to add to or modify the terms of this limited guarantee in any way. However it's possible to extend the warranty with an extra cost. Further information at kolver@kolver.it.