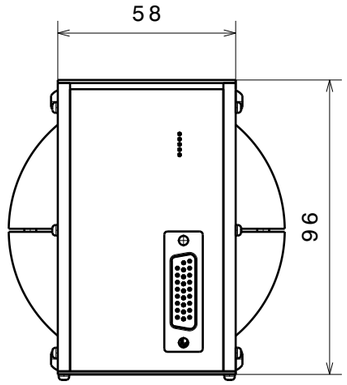
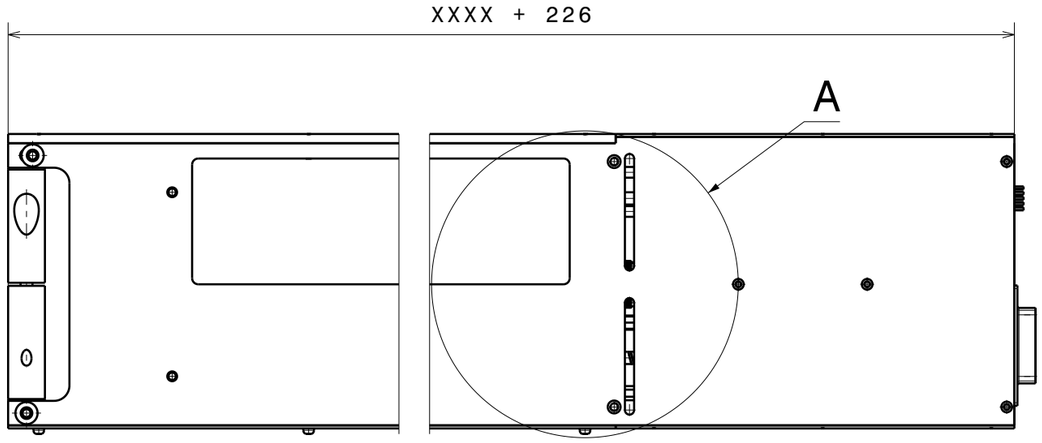
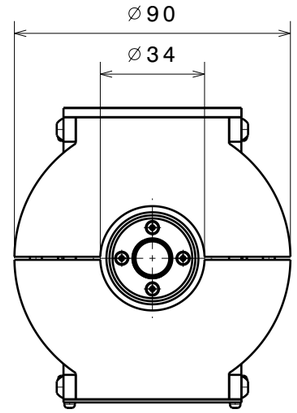
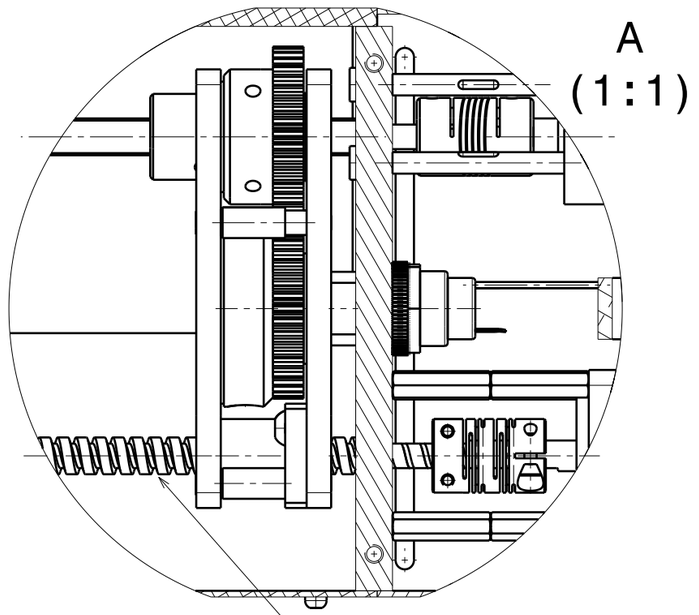
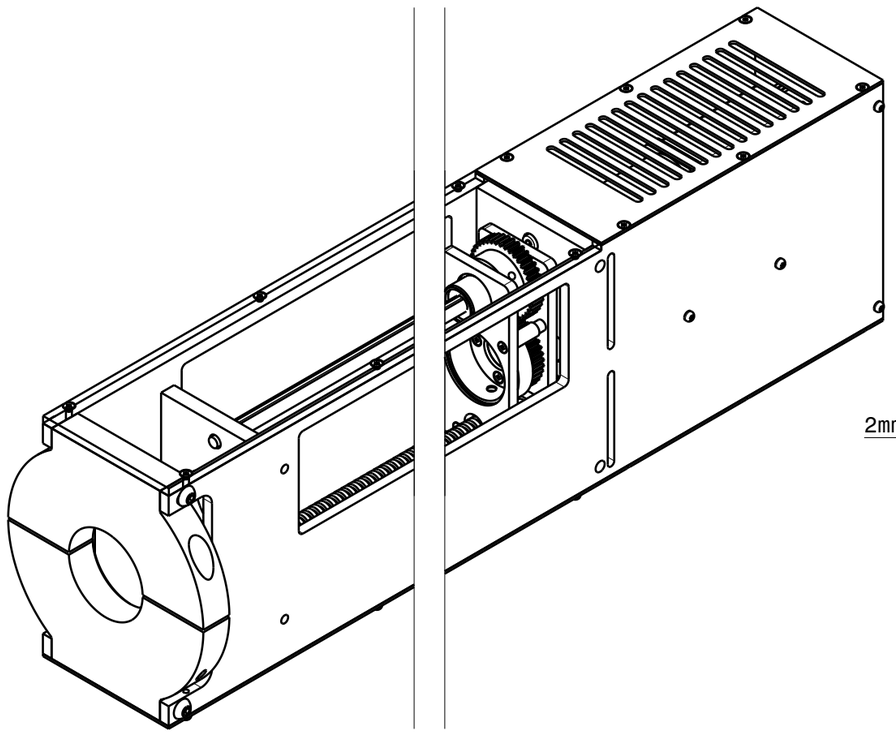










2mm pitched spindle drive (or 1mm on request)

Ra 0.8 ( ) +0.2 +0.1 -0.1 -0.2

general tolerances ISO 2768-K

Material: various

Motorized Linear & Rotary Drive for Linear / Rotary Feedthroughs (MD16)

DRVMDMOTLR16

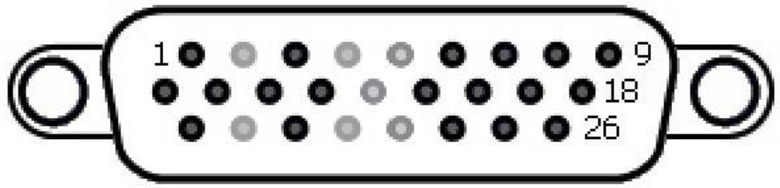
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CH-8050 Zurich

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nominal dimension	over	1	6	30	100	300	1000
	up to	6	30	100	300	1000	2000
tolerance	±	0.05	0.1	0.3	0.5	0.8	1.2

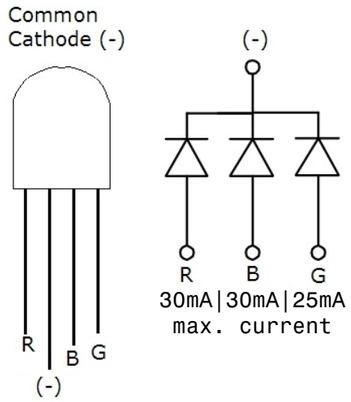
Scale	1:2
Drawn	C.Weiss
Date	13.07.2015
Changed	16.11.2026 CW
	DRVMDMOTLR16
Rev.	B
	A3 sheet 1/1



D-Sub Pin	Component / Function	Signal / Wire Colour**
1	Linear Motor	Coil A\ (GN)
2	*NC*	
3	Rotary Motor	Coil A\ (GN)
4	*NC*	
5	*NC*	
6	RGB Status LED	Red Channel (R)
7	Limit Switch (Rear)	Signal / Supply (BU)
8	Limit Switch (Rear)	GND / Return (BK)
9	Cooling Fan	+12 V DC
10	Linear Motor	Coil A (BK)
11	Linear Motor	Coil B (RD)
12	Rotary Motor	Coil A (BK)
13	Rotary Motor	Coil B (RD)
14	*NC*	
15	RGB Status LED	Common Cathode (GND)
16	RGB Status LED	Green Channel (G)
17	Limit Switch (Front)	Signal / Supply (GN)
18	Cooling Fan	Tachometer / Signal
19	Linear Motor	Coil B\ (BU)
20	*NC*	
21	Rotary Motor	Coil B\ (BU)
22	*NC*	
23	*NC*	
24	RGB Status LED	Blue Channel (B)
25	Limit Switch (Front)	GND / Return (BN)
26	Cooling Fan	GND

**Note: Wire colour codes per IEC 60757 (BK = Black, BN = Brown, BU = Blue, GN = Green, RD = Red).

LED (+5VDC)



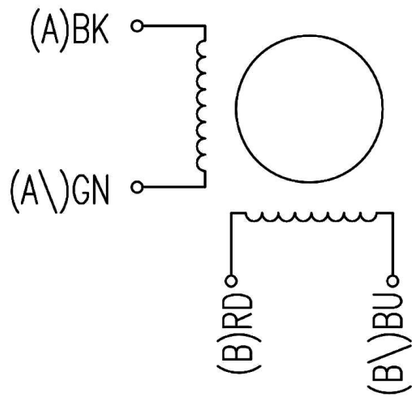
Limitswitch (Front)



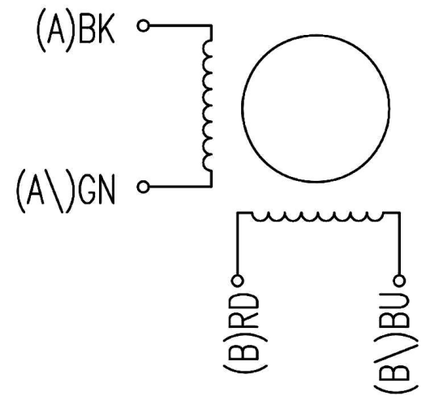
Limitswitch (Back)



Rotary Motor Schematic



Linear Motor Schematic



Material: various

Motorized Linear & Rotary Drive for Linear / Rotary Feedthroughs (MD16)

DRVMDMOTLR16

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		0.05	0.1	0.3	0.5	0.8	1.2

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