

NEW



Brakes

Power-off

For combination with:
DC-Micromotors:
3557

Series MBDA 35

	MBDA 35	06	12	24	
Nominal coil data at 20°C					
1 Supply voltage (DC) ±10%	U_N	6	12	24	Volt
2 Resistance	R	7,7	35	138	Ω
3 Current	A	0,83	0,34	0,17	A
4 Power	$P_{2 \text{ max.}}$	5,00	4,08	4,08	W
Mechanical response times¹⁾					
5 Pull in/Dropout-Diode		7,5/14			ms
6 Pull in/Dropout-MOV		7,5/3			ms
7 Static torque rating		113			mNm
8 Moment of inertia ²⁾		1,48			gcm^2
9 Max. permissible speed		9 000			rpm
Temperature range:					
10 Operating temperature ³⁾		-55 ... +65			°C
11 Storage temperature ³⁾		-55 ... +130			°C
12 Weight		89			g

Coils are UL Class B rated, 130°C

Leads are 22 AWG, 7/30 Stranded, 105°C, 300V by UL

UL Style 1430, CSA Type REW, insulation PVC, 1,62 mm nominal O.D., color white

Optional - Teflon Insulation (PTFE) available

Finish is zinc and yellow chromate except for chrome flash clapper and pressure plate.

¹⁾ Diode or MOV is placed across coil for arc suppression when brake is turned off (dropout).

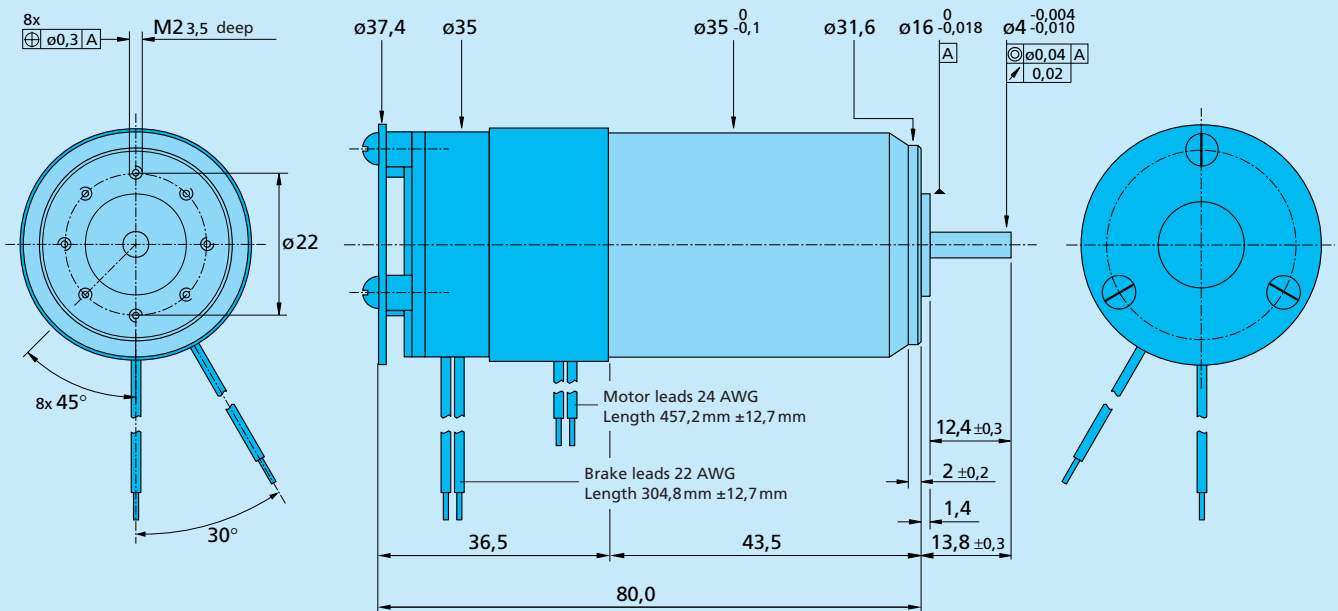
Pull in time is not effected by use of diode or MOV. Without diode or MOV, the dropout time is directly related to the speed of the switch.

²⁾ Hub and friction disk inertia, including also shaft adapter for encoder.

³⁾ Non condensing atmosphere.

Dimensional drawing

Scale reduced



MBDA 35