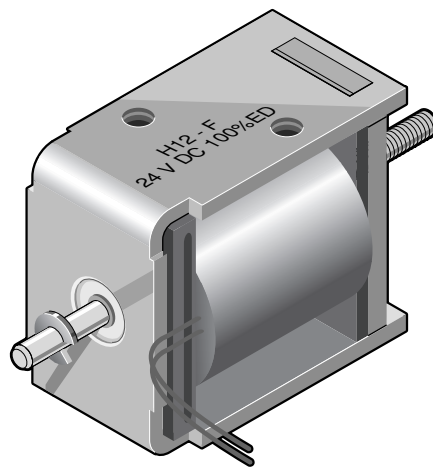


H12 Series Linear Solenoid Push and Pull Type

H	12	- F -	24 V DC	100 % ED	Order specifications
H					Linear solenoid
	12				Sizes
					Coil terminals
		F			Flying leads (10 cm standard length)
			24		Nominal voltage (standard voltage) ¹⁾
				100 % ED	Perm. duty cycle under air cooled conditions (LK)

¹⁾ Other DC voltages are available on request.

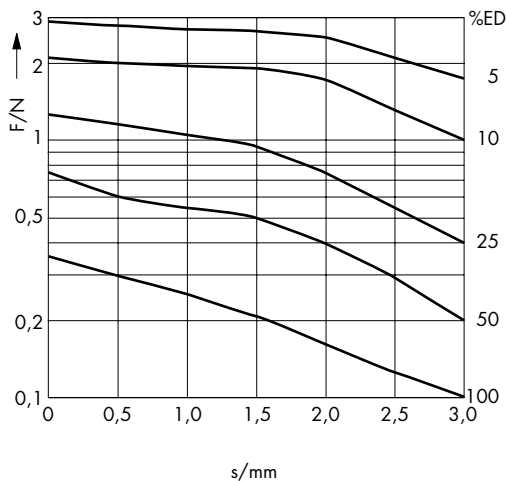


Weight:
 Complete solenoid: 12 g
 Armature: 2 g
 Standard:
 Voltage: 24 V DC
 Flying leads: 10 cm
 Insulation class: B (max. permissible temperature = 130 °C)

Long life expectancy through plastic bobbin armature bearing.

	100	50	25	15	10	5	% Perm. duty cycle (ED) ²⁾
	2,4	4,7	8,7	14	20	36	W Nominal coil power P _n

²⁾ If solenoid is mounted directly onto a flat metal surface of at least 45 cm², the duty cycle can be extended up to 1.3 x nominal rating



Force vs. Stroke diagram $F = f(s)$

Force measured when operating in horizontal position, at 90 % rated voltage and with winding at operating temperature

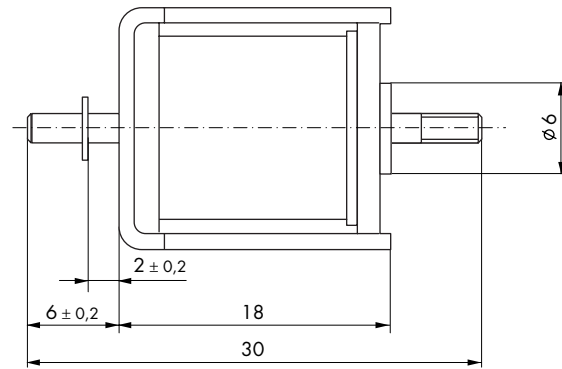
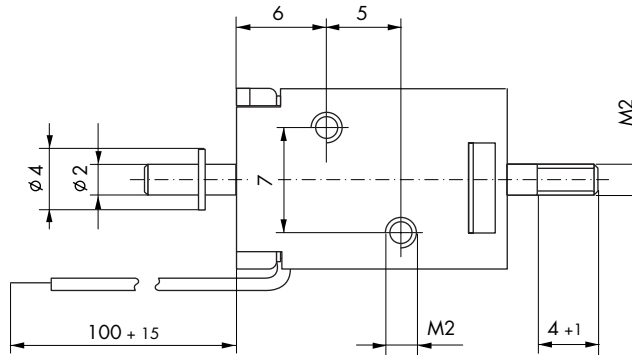
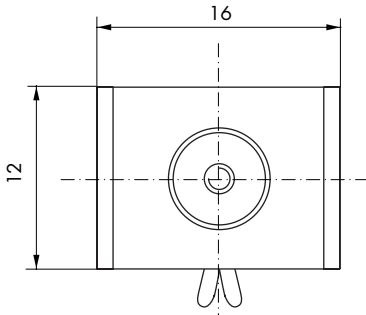
stroke $s = 0$ corresponds to armature in fully home position

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H12 Series Linear Solenoid Push & Pull Type

Series H 12 combi type solenoid



Dimensions given with armature
 in fully home position

←
 Direction of stroke