

RM20 Series Linear Solenoid Push & Pull Type

RM	20	- R -	- F -	24 V DC	100 % ED	Order specifications
RM						Linear solenoid
	20					Design type
		R				Return spring
			F			Coil terminals
				24		Flying leads (10 cm standard length)
					100 % ED	Nominal voltage (standard voltage) ¹⁾
						Perm. duty cycle under air cooled conditions (LK)

¹⁾ Other DC voltages are available on request.



Weight:

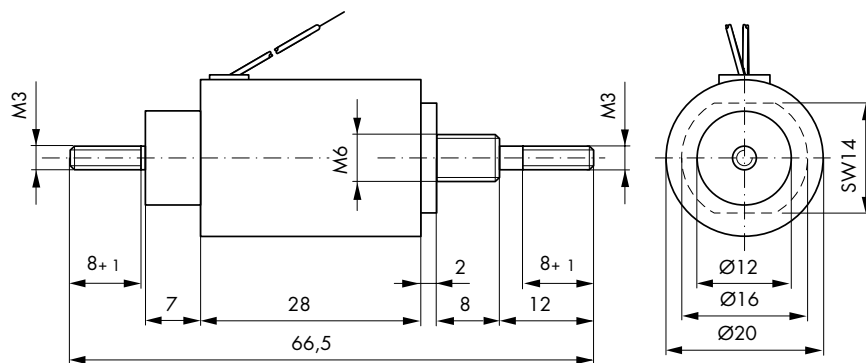
Complete solenoid: appr. 60 g
Armature: appr. 12 g

Standard:

Voltage: 24 V DC
Flying leads: 10 cm
Insulation class: B (max. permissible temperature = 130 °C)

Service-free DU armature bearing for maximum durability.

Solenoids with order specification RM20-R... are available with return spring F (0 mm) = 1.2 N and F (3 mm) = 0.5 N.

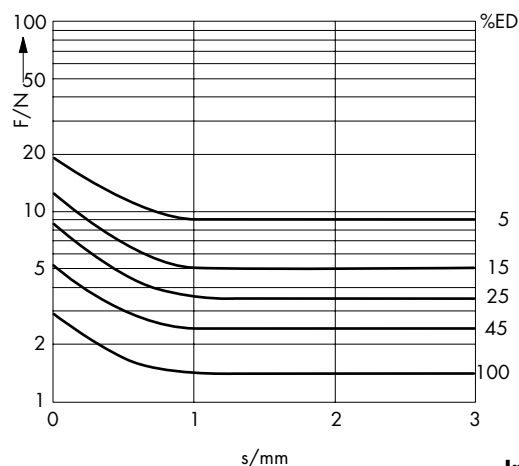


Dimensions given with armature in fully home position

→ Direction of stroke

	100	45	25	15	5	% Perm. duty cycle (ED) ²⁾
	3,9	8	13,5	21	59	W Nominal coil power P _n
	11				5	ms Actuation time (ED)

²⁾ If solenoid is mounted directly onto a flat metal surface, an increase in relative duty cycle is permissible (please ask for advice)



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

Impulse Automation Limited
United Kingdom
Company Registration 665193

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