

RM32 Series Linear Solenoid Push & Pull Type

RM	32	- R -	- F -	24 V DC	100 % ED	Order specifications
RM						Linear solenoid
	32					Design type
		R				Return spring
						Coil terminals
			F			Flying leads (10 cm standard length)
			N			Terminal box (6.3 DIN 46247)
				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: appr. 235 g

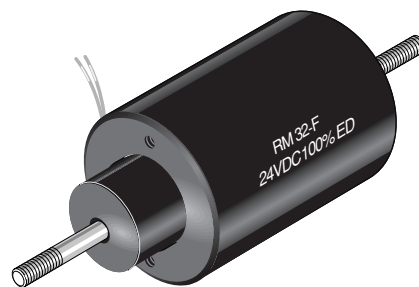
Armature: appr. 40 g

Standard:

Voltage: 24 V DC

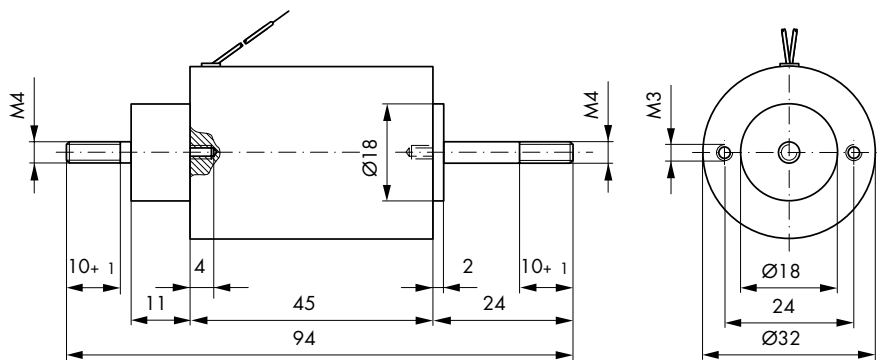
Flying leads: 10 cm

Insulation class: B (max. permissible temperature = 130 °C)



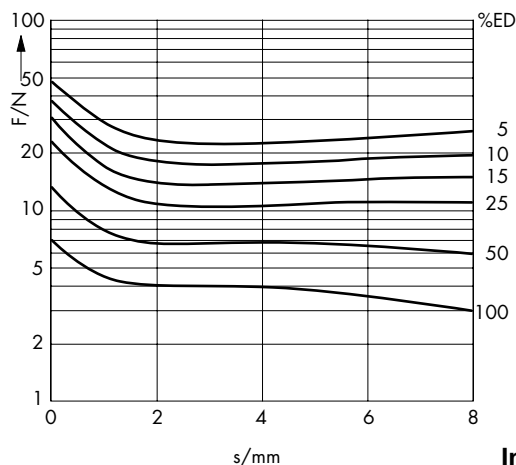
Service-free DU armature bearing for maximum durability.

Solenoids with order specification RM32-R... are available with return spring F (0 mm) = 3.0 N and F (8 mm) = 1.5 N.



Dimensions given with armature in fully home position
→ Direction of stroke

	100	70	45	25	15	5	% Perm. duty cycle (ED) ²⁾
	6,5	10	16	24	48	122	W Nominal coil power P _n
	29					11	ms Actuation time (ED)



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

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

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