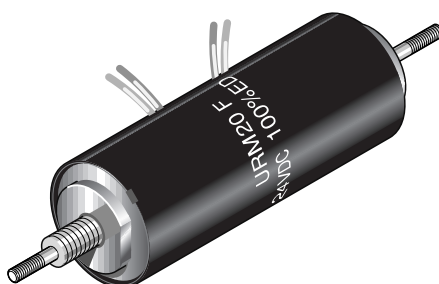


## URM20 Series Bi-directional Linear Solenoid

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

<sup>1)</sup> Other DC voltages are available on request.

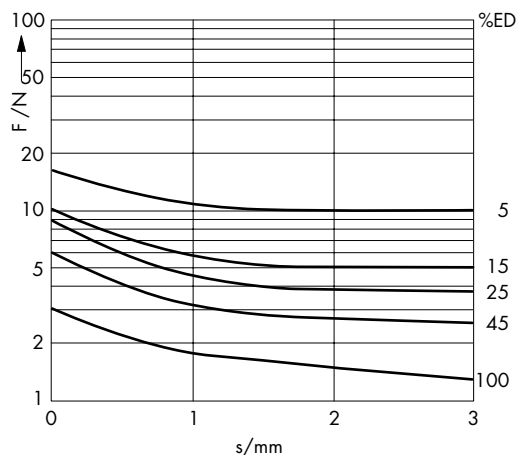


Weight:  
Complete solenoid: appr. 105 g  
Armature: appr. 19 g  
Standard:  
Voltage: 24 V DC  
Flying leads: 10 cm  
Insulation class: B (max. permissible temperature = 130 °C)

Long life expectancy through plastic bobbin armature bearing.

	100	45	25	15	5	% Perm. duty cycle (ED) <sup>2)</sup>
	3,9	8	13,5	21	59	W Nominal coil power $P_n$
	11				5	ms Actuation time (ED)

<sup>2)</sup> 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  $F = f(s)$

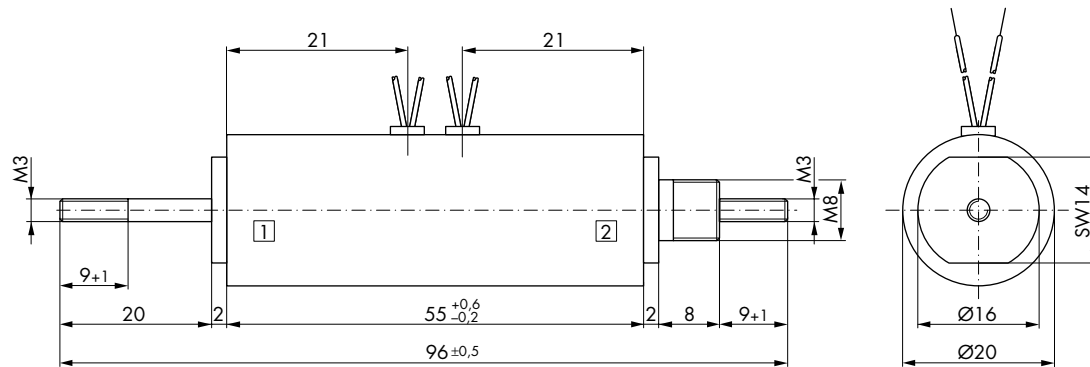
Force measured when operating in horizontal position, at 90 % rated voltage and with winding at operating temperature

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

**Impulse Automation Limited**  
**United Kingdom**  
**Company Registration 665193**

Information shown in these data sheets are for guidance purposes only, no liability is accepted for any errors or omissions. The designer or user is solely responsible for the safe and proper use of these parts, assemblies or equipment described.

# URM20 Series Bi-directional Linear Solenoid



Dimensions given when  
system 1 current-carrying  
←————→  
Direction of stroke